CORRESPONDENCE DIRECTORY

Copies of this Bulletin and Student Handbook are normally available at the time of registration. Enquiries may be made to:

The Registrar
Babcock University
P.M.B. 21244, Ikeja, Lagos State, NIGERIA

OR

Deputy Registrar/Secretary
School of Postgraduate Studies
Babcock University

OR

The Dean
School of Postgraduate Studies
Babcock University

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Enquiries

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Secretary, School of Postgraduate Studies........The Secretary: postgraduate@babcock.edu.ng
Student Welfare & Housing ....................Vice President, Student Affairs: vpsa@babcock.edu.ng
Transcripts & Records............................The Registrar: registrar@babcock.edu.ng
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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:
1. Equip students with techniques for advanced learning
2. Lead students to develop lives of integrity based upon principles that are compatible with Adventist world view
3. Foster the mastery of critical evaluation, discovery and dissemination of knowledge in the community of scholars
4. 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
1. Adventist Christian Heritage
2. Christ centered intellect
3. Honesty in Service
4. Ethical responsibility
5. Team work
6. 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:
1. Vice Chancellor (or his nominee) Chair
2. DVC, Academic Administration Vice Chair
3. Dean, School of Postgraduate Studies Secretary
4. Vice Dean, School of Postgraduate Studies Member
5. Bursar Member
6. Registrar Member
7. Dean, School of Education & Humanities Member
8. Dean, School of Law & Security Studies Member
9. Dean, School of Management & Social Science Member
10. Dean, School of Science & Technology Member
11. Director, Academic Planning Member
12. Director, Quality Assurance Member
13. Executive Secretary, School of Postgraduate Studies Member

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

**SCHOOL OF EDUCATION AND HUMANITIES**
1. MIRM - Masters in Information Resources Management
2. PGDE - Postgraduate Diploma in Education
3. M.Ed. - Masters in Education (Counseling Psychology)
4. MDS - Masters in Diplomatic Studies
5. M. A. - History
5. M. A. - Masters in English (with options in English Language and English Literature)

**SCHOOL OF MANAGEMENT AND SOCIAL SCIENCES**
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 OF SCIENCE AND TECHNOLOGY**
12. M. Sc. Agronomy
15. M. Sc. Microbiology
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:
1. M.Sc. Accounting
2. M.Sc./PhD Information Resources Management
3. M.Sc./PhD Mass Communication

NEWLY CONSTITUTED POSTGRADUATE SCHOOL BOARD

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

1. Dean, School of Postgraduate Studies - Chair
2. Provosts/Deans of participating colleges & Schools - Vice-Chair
3. Deputy Registrar/Secretary of PG School - Secretary
4. Vice Dean SPGS - Member
5. University Librarian - Member
6. Deputy Bursar - Member
7. Director, Academic Planning - Member
8. Director, Research and International Cooperation - Member
9. Heads of participating departments - Member
10. Participating Undergraduate Schools PG Coordinators - Members
11. Participating Departmental Co-ordinators - Non Voting Members

In Attendance

12. Head of SPGS Admissions and General Admin - Recording secretary
13. Deputy Vice President for Student Development
14. Head of SPGS Examinations and Records
15. 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):
   a) admission to postgraduate programmes.
   b) theses title and appointment of University local and External examiners
   c) coursework examination results
   d) panel of examiners for Ph.D. qualifying examination
   e) results of Ph.D. qualifying examination
   f) extension of studentship
   g) deferment of admission
   h) minimum periods of professional attachment or internships
   i) minimum attendance requirements for coursework
   j) award of postgraduate fellowships
   k) approval of teaching staff for postgraduate studies
   l) all such other responsibilities as Senate may delegate to the School from time to time.

2. The Board shall, after due consideration, recommend to Senate the following:
   (a) approval of regulation or amendments to them for postgraduate studies
   (b) approval of postgraduate diploma or higher degree programmes or amendments to them
   (c) approval of postgraduate diploma or higher degrees of the University
   (d) approval of minimum education qualifications for admission into programmes
   (e) all such other responsibilities as Senate may assign from time to time

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:

1. Dean, School of Postgraduate Studies - Chair
2. Vice-Deans of SPGS - Vice-Chair
3. Deputy Registrar/Secretary of PG School - Secretary
4. Head of SPGS Exams and Records - Member
5. 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:
   a) long-term research-oriented courses of study and training; and
   b) courses of shorter duration and of practical orientation.
2. The research oriented postgraduate programmes lead to the research degrees of M.A., M.Sc., M.Ed., MIRM, MPM, M.Phil., Ph.D. Others leading to non-thesis or professional degrees such as M.B.A., MILD, MDS
3. Apart from serving specific ends, the various diploma courses may also serve additionally to enable students to pursue the main subjects of their first degree at some depth, or to extend their range beyond the boundaries of their first degree, or even to enter into entirely new fields
Types of Postgraduate Programmes

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

GENERAL ADMISSION REQUIREMENTS

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

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

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

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

iv. **Doctor of Philosophy (Ph.D) Degree**
   a. *Regular Admission:* A candidate with a good Masters Degree – not less than 4.00 CGPA (on 5-point scale) or 60%, which includes course work and 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.

GENERAL GRADUATION REQUIREMENTS

i. Postgraduate Diploma:
   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. 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.
   B. A minimum of 56 credits including a research thesis of 12-16 credits over a minimum 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:

1. Bachelor’s Degree/HND Certificate
2. Master’s Degree Certificate for candidates proposing to pursue M.Phil,
3. Notification of Results of Bachelor’s Degree Examinations for B. U. graduates proposing to pursue Masters and PhD Degrees
4. NYSC Discharge/Exemption Certificate for Nigerian Candidates
5. Marriage Certificate or Evidence of Change of Name(s) where applicable
6. Three recent passport-sized photographs
7. 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

<table>
<thead>
<tr>
<th>Module</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer Semester Module</td>
<td>May 1- July 30 every year</td>
</tr>
<tr>
<td>Regular Session Module</td>
<td>September – December; January-April every year</td>
</tr>
<tr>
<td>Part Time/Elongated Semester Module</td>
<td>Every Sunday for 22-24 weeks beginning July or January every year</td>
</tr>
</tbody>
</table>

N/B:

1. **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.

2. **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, as a part-time student. The reason for 7 credits, rather than 5 credits, which would typically be part-time status of a full-time 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

Part-time 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>Score Range</th>
<th>Grade</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>80 – 100</td>
<td>A</td>
<td>5</td>
</tr>
<tr>
<td>60 – 79</td>
<td>B</td>
<td>4</td>
</tr>
<tr>
<td>50 – 59</td>
<td>C</td>
<td>3</td>
</tr>
<tr>
<td>45 – 49</td>
<td>D</td>
<td>2</td>
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<tr>
<td>40 – 44</td>
<td>E</td>
<td>1</td>
</tr>
<tr>
<td>0 – 39</td>
<td>F</td>
<td>0</td>
</tr>
</tbody>
</table>

MASTERS PROGRAMME PERCENTILES GUIDELINES

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

PhD PERCENTILES GUIDELINES

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

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

- Attendance - 5%
- Quizzes - 5%
- Mid-Semester - 10%
- Final Examination - 30%

\[ \text{Total} \quad 50\% \]

**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:

1. Present their case to the lecturer(s) concerned
2. If necessary, discuss the problem with the Head of Department
3. If agreement is not reached at this level, submit the matter to the Dean of Faculty
4. 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
(i) An applicant for admission to a postgraduate diploma shall be:
   a) a graduate of Babcock University; or
   b) a graduate of any other University or Institution approved by the Senate
(ii) In case where Regulation 2 (i) above has been breached, any admission
     purported to have been offered shall be cancelled.
(iii) Notwithstanding Regulation 2 (i) above, a School may require an applicant,
     a) to undergo a test as may be prescribed by the University department(s)
        concerned with his proposed work and or
     b) to take such other prerequisite or concurrent course(s) and pass such
        examination(s) as shall be prescribed
(iv) The results of such test and examinations taken under Regulation 2 (iii) shall
     be approved by the Board.

Article 3: Programme of Studies
i) The programme of studies for each diploma course shall be as approved by Senate on
   the recommendation of the Board.
ii) Candidates may be required to undergo a minimum period of professional attachment
    or internship during the course as shall be approved by Senate on the
    recommendation of the Board.

Article 4: Period of Study
i) No diploma programme shall be less than two semesters in duration
ii) In cases where part-time 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
i) Examinations shall be taken at the periods approved by Senate shall be by means of
   written papers which shall not be less than 2 hours in duration.
ii) No candidate shall be permitted to sit for the prescribed examination(s) unless such a
    candidate shall have:
        a) appropriately registered for the course(s) leading to the examinations;
        b) satisfied the minimum attendance of 70% required for courses; and
        c) satisfactorily completed all other approved University, School or
           Departmental requirements for the programme of studies
iii) In courses where project report(s), practical or term paper(s) are required, grades
     obtained by each candidate shall form part of his total grade in the course. The final
     grade in the course however shall be based on the particular weighting before the
     written examination and coursework assessment applicable to the particular School.
iv) Required Project reports or dissertations shall be graded in the same manner as applied to written coursework examinations.

Article 6: Board of Examiners
i) For each Postgraduate Diploma there shall be a Board of Examiners consisting of the Head of Department who shall be Chairman and Chief Examiner and the examiner(s) for each course.

ii) The list of members of the Board of examiners for each Department, as in Regulation 6(i) above, shall be approved by the Board on the recommendation of the appropriate School Committee at the beginning of each academic session.

iii) The results of the Diploma examinations for each Semester during the academic year shall be submitted by the appropriate School Committee according to the stipulated format for the approval of the Board for the Semester concerned.

Article 7: Minimum Requirements for the Award
To fulfill the requirement for the award of the diploma
i) Every candidate, shall obtain a weighted minimum coursework average of 50 (C) or better in the written examination as a whole and a grade which is not less than 45% (D) in any written paper(s)

ii) 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).

iii) Where a candidate has been absent with good cause approved by Senate, he shall be allowed to take the examination at the next available opportunity without penalty.
B. MASTERS DEGREE

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

Types of Master’s Degree

(i) There shall be Masters Degree by coursework, written examination, and project report or research – M.B.A., M.P.M., M.I.R.M, MDS

(ii) 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

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

(ii) An applicant for the Master’s degree 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.

(iii) 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.

(iv) In case where Regulation 10(iii) above shall have been breached, any admission purported to have been offered shall become null and void and of no effect.

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

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

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

Article 11: Programmes of Study

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

iii) Candidates shall be required to prepare project report(s) long essay(s) or research theses. Topics for research thesis must be approved by the Board, on recommendation of the School Postgraduate Committee.

Article 12: Period of Study

i) Every candidate for the Masters 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.

ii) 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.

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

iv) In special circumstances, application for extension of period of study shall be made through the appropriate School Postgraduate Committee for the approval of the Board. The extension shall not be beyond two additional semesters.

v) Candidates for the Masters degree whose studentships are due to lapse shall be notified in writing at least one semester before the expiration of their studentships.

Article 13: Schemes of Examinations

i) Examinations shall be taken at the period approved by Senate. It shall be by means of written papers which shall not be less than 2 hours. MPhil and PhD courses shall be graded through seminar presentations as outlined.

ii) No candidate shall be permitted to sit for the prescribed examination(s) unless such a candidate shall have satisfied the provision of Regulation 5 (ii) (a) – (c)

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

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

Article 14: Approval of Thesis Title and Appointment of Supervisors, University and External Examiners

i) 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:

(a) be assigned a supervisor or a committee of supervisors by their Departments and approved by the Board

(b) Write proposals of research topics of their choice for the consideration of the appropriate School Committee and approved by the Board.

ii) Upon compliance with Regulations 14 (i) (a) above by the candidate, the Department will complete the appropriate form for the Registration of the title of the proposed research and list of supervisors, University and External Examiners through the Faculty Postgraduate Committee for the approval of the Board.

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

iv) The panel shall be composed of at least
(a) the Head of Department who shall be Chief Examiner and Chairman of the panel of Examiners;  
(b) the candidate’s supervisor(s);  
(c) at least one member from a related department who will be appointed by the Board; and  
(d) one external examiner who shall not be below the rank of Senior Lecturer to be nominated by the Departmental Postgraduate Committee through the Faculty Postgraduate Committee  

v) The title of thesis and the panel of examiners once approved, cannot be changed unless with the approval of the Board.  
vi) Any breach of Regulation 14(v) shall render the examination thereof null and void.  

Article 15: Standard of Presentation of Thesis  
i) 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.  
ii) 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.  
iii) 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.  
v) 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.  
v) 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.  
vi) A thesis must be the candidate’s original contribution to knowledge or to practice in the candidate’s field.  
vii) 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  
viii) A thesis must be accompanied by a short Abstract comprising not more than 500 words.  

Article 16: Examination of the Thesis  
i) 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.  
ii) The examination of a thesis shall be conducted at a specified venue by the panel of examiners as approved in Regulation 14 (iii) & (iv).  
iii) The examination of the candidate must be oral.  
iv) The examiners shall complete a report of the candidate’s performance on the prescribed form at the venue of the examination. Not later than 3 working days after
the examination, the Chief Examiner shall submit a copy of the duly completed
Examiner’s report form to the Secretary of the School.

v) If the Examiners are unable to reach a joint decision, the Chief Examiner shall within
the time stipulated under regulation 16(iv) above communicate such stalemate to the
Secretary, 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.

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

Article 17: Processing of the Report of the Panel of Examiners

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

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

Article 18: Format of the Thesis

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

ii) In particular, the following specifications should be complied with:
(a) all copies shall be in double spaced typescript on one side of the paper only:
(b) the size of the paper shall be A4 except for drawings and maps for which there
may not be restriction:
(c) the margin on each sheet shall not be less than 18m on the left-hand side, 13mm
on the right, 25mm at the top, and 13mm at the bottom.
(d) there shall be a title sheet showing:
- the title of the work:
- author’s names in full with surname last
- the department;
- the degree;
- the name of the University; and
- the year of approval by Senate
(e) the 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
- Introduction
- Literature Review
- Research/Methodology
- Results
- Discussion
- Summary and Conclusion
- List of References
- Glossary (if any)
- Appendix A (Raw Data)
- Appendix B (Published papers by the author in support of the thesis)
  (f) the colour of binding shall be black
  (g) the title and names on the cover shall be in gold letters with surname last and other names in full.
  (h) Candidate’s name, (with initials preceding surname), title of the degree and year of award on the spine of the thesis from top to bottom.

**Article 19: Minimum Requirement for the Award**

i) Candidates shall be required to satisfy the provisions of Article 7 (i) & (ii) above

ii) In partial fulfillment of the requirements for the award of the degree, the requirements in Regulation 16 (i) –(iv) above shall have been satisfactorily completed by the appropriate Faculty Postgraduate
C. MPhil

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

Article 21: Eligibility
i) An applicant for admission to the MPhil degree course under regulation 20 above shall be:
   (a) a graduate of the Babcock University or a graduate of any other approved University who possesses a Master’s Degree
   (b) A candidate whose weighted coursework average at the Masters level is between 3.5 to 3.99 CGPA or between 50% to 54.99% may be admitted into the M.Phil degree
   (c) For admission to PhD after MPhil, candidates must have minimum of 60% at the M.Phil.

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

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

Article 23: Eligibility
i) An applicant for admission to the Ph.D. degree course under regulation 22 above shall be:
   (a) A graduate of the Babcock University or a graduate of any other approved institution of Higher learning who possesses a Master’s Degree with research thesis and a minimum CGPA of 4.00 on a 5 point scale or 60%.

Article 24: Programmes of Study and Research
i) The Programmes of studies for the Ph.D. degree course shall be as specified and approved by Senate on the recommendation of the School Committee through the Board.

ii) Candidates, in special circumstances, may be required to undergo and complete satisfactorily, a minimum period of professional/technical attachment or internship during the course or part of the programme of study as shall be approved by Senate on the recommendation of the School Committee through the Board.

iii) A candidate shall be required, as directed to undertake a research project and submit a written thesis on a topic approved by the Board on behalf of Senate on the recommendations of the School Committee as a part of the programme of study.

iv) A candidate is required to have two publications before he/she can be listed for graduation.

v) There must also be 70% attendance at graduate seminar paper presentation especially in one’s area of specialization.
Article 25: Period of Study for Ph.D. Degree

i) The minimum period of study for the Ph.D. degree shall be six semesters.

ii) No candidate shall be granted part-time registration unless the Board is satisfied that supervision will be effective throughout the period of studentship.

iii) The studentship of a Ph.D. candidate shall lapse if after eight consecutive semesters of study, a student had not presented himself for the final required Ph.D. dissertation examination.

iv) In special cases, application shall be made before the end of period of studentship through appropriate School Committee from the department Postgraduate Committee for the approval of the Board for extension of period of study save that the extension shall not extend two additional semesters after which studentship shall lapse.

v) Ph.D. candidates whose studentships are due to lapse shall be warned in writing at least two semesters before the expiration of their studentships and at the end of such expiration.

Article 26: Recognition of Partial Study Elsewhere

i) No candidate shall be granted part-time registration or be permitted to prosecute his studies for the Ph.D. degree of Babcock University elsewhere unless the Board is satisfied that adequate research facilities are available for the work and the supervision will be effective throughout the period of study.

ii) The award of the Ph.D. degree of Babcock University to such a candidate under Regulation 24(i) above shall also be subject to:
   (a) The Board being satisfied with the title and original detailed plan of study before it is embarked upon;
   (b) The Board being ultimately responsible for the approval of the Supervisor on the recommendation of the Departmental/School Postgraduate Committee, and
   (c) The candidate meeting the other requirements besides the presentation and successful oral defense of the dissertation.

Article 27: Examination/Grading of Coursework

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

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

Article 28: Minimum Requirements for Ph.D. Candidates

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

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

iii) All candidates for the Ph.D. degree shall pass a qualifying examination the form and details of which are stated in Article 29 below.

Article 29: Ph.D. Qualifying Examination

i) All candidates for the Ph.D. degree shall after completing the required coursework (where it is compulsory), but not later than three semester after first registration for
full-time students be required to pass a qualifying examination, the manner and detail of which are as follows:

(a) detailed research proposal and a comprehensive bibliography on the area of specialization, theory and methods:
(b) The Chief Examiner shall circulate the proposal to other members of the panel at least two weeks before the examination:
(c) The examination shall be oral and/or written

ii) The panel of examiners for the qualifying examination shall be composed of the Head of Department as Chief Examiner, the Supervisor(s) and at least one other member of staff from the department, another from the School and at least one from the SPGS.

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

iv) A candidate who fails to satisfy the requirements of a qualifying examination may be allowed, by the Board on the recommendation of the School Committee, to repeat the examination not later than a semester after the first attempt, except that the examination cannot be repeated more than once.

v) A Ph.D. candidate who fails to present himself 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

i) Not later than one semester after passing the qualifying examination, a Ph.D. candidate shall submit the title of his research for approval by the Board on the recommendation of the School Postgraduate Committee.

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

iii) The student shall submit with his application for approval, the specific objectives of his/her research, expected contribution to knowledge as prescribed in the approve form.

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

v) The provision of Article 14(iii) & (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

i) If the candidate satisfies the examiners in the oral examination and the thesis is acceptable to the examiners subject to minor editorial amendments, such amendments shall be carried out within a period not exceeding six (6) weeks to the satisfaction of the Chief Examiner and the Supervisor(s) and be certified by them on the appropriate form. The Chief Examiner shall then, not later than two (2) weeks from the date of certification of corrections by the examiners process, the result of the School of Postgraduate Studies through the School Postgraduate Committee.

ii) If the candidate satisfies the examiners in the oral examination, but the thesis is unacceptable to the examiners in its present form due to the need for structural of
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.

iii) If the thesis is satisfactory but the candidate fails to satisfy the examiners in the oral and/or written examination, the candidate may be recalled for a second oral/or written examination after a further period of study not exceeding one semester from the date of the examination and only after approval of same by the Board on the recommendation of the School Postgraduate Committee. However, the examination cannot be repeated more than once.

iv) A thesis considered inadequate or unworthy of the award of the degree, shall not be re-submitted for re-examination in a revised and improved form unless after prior approval of the Board of Postgraduate Committee on the recommendation of the School Postgraduate Committee. The candidate shall therefore be re-examined in accordance with Article 16 (ii) & (iii). Such a re-examination shall be done within a period not exceeding two semesters from the date of the first oral examination. However, the re-examination cannot be repeated.

v) A candidate whose thesis is rejected in its entirety by the examiners shall be deemed to have failed the examination and shall not be awarded the degree.

vi) A candidate who presents a thesis which in part or in full is discovered not to be his original work shall be deemed to have failed and shall not be qualified for the degree. Similarly, a candidate who presents a thesis which is discovered at any stage to partially or wholly contain falsified data or material shall not qualify for the degree.

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

viii) A candidate who fails an examination leading to the award of a degree shall not normally be permitted to re-apply for admission to the same degree 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
i) Research for the degree of Doctor of Philosophy (Ph.D.) is meant to include theoretical, analytical and experimental investigation with a view to furthering knowledge and or understanding in the proposed field of study.

ii) A candidate may, however, submit for the approval of the Board through the School Committee proposals for a critical survey of existing methods and knowledge, the systematization and logical exposition of which may be considered as a contribution to knowledge in the field surveyed.

iii) A thesis to be approved for the degree of master’s or Doctor of Philosophy shall be an original work of the candidate displaying competence in the field of study combined with exercise of critical judgment, and containing material worthy of publication as definite contribution to knowledge. It must also be satisfactory as regards literary presentation.
Article 34: 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:

i) Inter-Departmental Change of Course
Inter-departmental change of course shall be effected by asking the candidate to write an application stating the reasons for change of course to the Head of proposed Department through his current Head of Department.
(a) The proposed Head of Department shall after consultation with his Departmental Postgraduate Committee indicate acceptance or otherwise. Where acceptance is indicated, the Head of the proposed Department shall identify, where necessary, all remedial courses to be taken as well as possible extension of time to complete the remedial.
(b) All relevant papers shall be collated by the Head of the proposed Department and forwarded to the Board of the School of Postgraduate Studies through the Faculty Postgraduate Committee for determination.
(c) Usually such changes can only be effected within semester for Masters and Ph.D.
(d) Candidates requesting for inter-faculty change of courses may be directed to re-apply afresh for admission in the normal way to the proposed School in cases of complexities.

ii) 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.

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

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

CLASS LOAD
i. 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.

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

iii. 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:
i) Such a member of staff willing to avail himself/herself of the opportunity to pursue postgraduate studies shall be released by an appropriate Dean of the School (upon the approval of such request by the University authority).

ii) The Director for human resources must indicate the type of release granted (full time, part-time or day release). Such release should be such that give the staff the required time to fulfill his/her deadline requirement.

iii) In releasing a member of staff for postgraduate studies, the Dean of the School/DHR shall consider the relevance of the Diploma or higher degree Programme to the functions that the member of staff is expected to perform and the overall development of the Department.

iv) Where a person who has been a student under this regulation ceases to be a member of staff of the University, he shall apply to the Board to determine the condition(s) of continuance of his studentship.

v) The Board shall, on the recommendation of the appropriate School Postgraduate Committee, prescribed the conditions for continuance of the studentship of such candidates.

**Article 37: Registration of Postgraduate Students**

i) The name of an applicant who has been admitted for postgraduate studies shall be registered in the School of Postgraduate Studies.

ii) Each School and Department shall be required to keep an up-to-date Register of Postgraduate Students in the School or Department as appropriate.

iii) Registration of Postgraduate students shall be on the prescribed form approved by the Board and shall normally be required at the beginning of each semester during the candidate’s period of studentship, provided that:

   a) only candidates with authentic letters of admission from the Board shall be eligible to be so registered.

   b) candidates whose studentships have expired under the regulations shall not be entitled to registration unless they have been granted extensions as appropriate by the Board.

   c) the period of studentship shall include the period after the oral examination (where required) up to the time of Board approval of the results.

   d) late registration shall be entertained only on the fulfillment by candidates of conditions approved by the Board.

   e) penalty for breaching Article 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**

i) Each School and Department shall be required to keep an annual progress report on each candidate showing dates of admission, registration for courses; completion of courses, registration of title of thesis; names of supervisors, University and External Examiners; final oral thesis examination, and award of diploma or degree.

ii) Such progress reports on candidates shall be remitted to the Board by each Faculty at the end of each session.

iii) The Board shall prescribe the form and design of the progress report(s) as required in Regulation 38 (i) & (ii).

**Article 39: Maintaining Postgraduate Studentship**
i) To maintain studentship for any diploma or higher degree of the University, a student shall have been duly registered as prescribed under Article 37(iii) (a-d).

ii) There shall be satisfactory progress report(s) on each student in respect of the coursework or the research study on the recommendation of the supervisor(s).

iii) Penalty for breaching Article 39 (i) and (ii) above shall be the termination of studentship and withdrawal from the University.

iv) Non-registration for two consecutive semesters shall automatically lead to termination of studentship.

Article 40: Eligibility to Teach and Examine Postgraduate Courses

i) Only the following categories of staff shall, normally, be permitted to teach postgraduate courses:
   (a) Teachers with a doctorate degree and with a minimum of one year of teaching and research experience at the University level.
   (b) Teachers with a Master’s degree with at least five years teaching and research experience at the University level who are not below Lecturer I status for Masters level
   (c) Teachers who are themselves not higher degree candidates under supervision in the University.

ii) In special circumstances, other categories of teachers approved by the Senate on the recommendation of the Board;

iii) In accordance with Article 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;

iv) The Board for just cause under Article 40 (i) – (iii) above, may
   (a) refuse to register candidates for courses and
   (b) refuse to approve courses of study, if the Board is satisfied that the available teaching staff is inadequate under the Article.

Article 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:

i) teachers of the rank of Lecturer I and above who:
   (a) have themselves successfully undergone postgraduate research degree programme of this or any other University, and
   (b) are themselves not higher degree candidates under supervision in this or any other University.

ii) Ph.D. thesis shall be supervised by Senior Lecturers and above who themselves are Ph.D. holders

iii) In special cases, other categories of staff approved by the Board on the recommendation of the appropriate School Committee.

Article 42: Role and Appointment of Research Supervisors for Master’s, and Doctor of Philosophy (Ph.D.) Candidates

i) Each candidate for the Master’s degree by coursework and research shall have one or more Supervisors nominated by the Departmental Postgraduate Committee and approved by the Board on the recommendation of the School Postgraduate
committee. The Supervisor(s) shall guide and advise the candidate as appropriate and
train him in the method of research and the writing of the thesis.

ii) Where there is more than one supervisor, others shall be designated the co-
supervisor(s). The 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.

iii) Every student must submit to his supervisor(s) when called upon to do so, a report
outlining the progress in his research during the period.

iv) In exceptional cases, where a student is dissatisfied with his supervisor(s) approved
by the Board of 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.

ii) 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.

iii) No Postgraduate course(s), or amendments to existing course(s), shall be
offered in the University unless the same has been approved by Senate on the
recommendation of the Board.

iv) Infringement of the above article 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

i) 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.

ii) 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

i) 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.

ii) Letters of offer of admission shall normally be made to successful candidates in the
month preceding the session except for late admission as voted by the relevant bodies.
iii) Notwithstanding the admission exercise provided for in Article 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.

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

v) Any breach of article 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:

(a) Partial academic transcripts of studies taken elsewhere must be requested and forwarded to SPGS by the University for evaluation.

(b) 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.

(c) 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.

(d) 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**

(a) *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.

(b) *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.
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:
(i) 4 units of general education requirements
(ii) 18 units of compulsory courses from the 800 level courses available in the department
(iii) 9 additional units from the optional courses or the inter-departmental courses available.
(iv) Candidates must also successfully complete and defend a dissertation of 6 credit units.
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**Note:** In addition to the compulsory courses, each student are expected to offer two elective courses in 1st semester and one elective courses in 2nd semester.

**COURSE DESCRIPTION**

**GEDS 801 RELIGION, FAITH AND MORALITY** 2Credits
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** 2Credits
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 linen of curve, sapling theory or regression line of cure, 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 II test, Kruskal-Wallis H Test, H test corrected forties); Use of SPSS.
MDST 801  THEORIES AND CONCEPTS OF INTERNATIONAL RELATIONS  3 Credits
The emergence and organization of the development of the modern state system. variants of nationalism. The development of modern interstate relations. Characteristics of the international community. Interactions in the international community e.g. functional collaboration, alliances. the principles of sovereignty in inter-state relations and current trends. the external needs of states and goals of state activities. political realism, systematic theory of international relations.

MDST 802  THE THEORY AND PRACTICE OF DIPLOMACY  3 Credits
The function of diplomacy, origins of diplomacy; the machinery of diplomacy, functions of diplomatic missions, classification of diplomatic agents, accreditation of ambassadors, diplomatic corps; diplomatic immunities and privileges, personal non-grata; breach of diplomatic relations, consular relations, multilateral diplomacy.

MDST 811  NIGERIA AND THE EXTERNAL WORLD  3 Credits
the function of foreign policy; Nigeria’s relations with her neighbours from 1960 to date, Nigerian roles in the O.A.U and A.U. Nigeria’s relations with western Europe, eastern block and asian countries, Nigeria in international organizations, the U.N. Commonwealth and the non Aligned movement.

MDST 812  FOREIGN AND MILITARY POLICIES OF THE MAJOR POWERS  3 Credits
Analysis of the foreign policies and military policies of the United State of America, Russia, Britain, France and china. Attention will be focused on the determinants of each country’s foreign policy; geography, demography, the domestic setting, national values, national interest, ideology, interest groups. External commitments, foreign policy machinery; institutions, instruments and techniques for the military policies, the major threats to global peace and security in the post-cold war era, perception of external threats by each of the countries and their military preparedness and responses will also be examined.

MDST 821  THE MIDDLE EAST AND THE GREAT POWER  3 Credits
An analysis of the contemporary significance of the middle east within the context of great power relations; the emergence and development of the middle eastern states system under the impact of great power politics, the importance of the middle east oil for the economies of the great powers, the interplay of domestic politics, intra-regional conflicts and international rivalries in the policies of the middle eastern governments, the strategic positions of the middle east.

MDST 822 ARMS CONTROL AND DISARMAMENT  3 Credits
Theoretical basis of arms control and disarmament; factors which led to arms control and disarmament efforts, nuclear weapons in the post-cold war era, ABM treaty, SALTI & II prospects of disarmament.

MDST 831  INTERNATIONAL ORGANISATIONS AND WORLD PEACE  3 Credits
The nature and functioning of international organization; theory of collective security; origins of the league of nations, collective security under the league of nations and united nations, structure, purposes and principles of united nations, various approaches to world peace and security under the UN collective security disarmament, functional cooperation and pacific settlement of disputes. proposals for reform of the U.N.
MDST 832  INTRODUCTION TO STRATEGIC THOUGHT  3 Credits
The origins and nature of modern warfare from the renaissance to the first world war, the impart of science, transition from dynastic t national wars, Napoleonic campaigns and strategies, the economic foundations of military power, colonial warfare, strategy in the age of nationalism and industrialization. The various concepts of war; nuclear warfare, block and alliance systems, guerilla warfare from Mao to Guevara revolutionary movements, national liberation movements.

MDST 841  INTERNATIONAL PEACE-KEEPING  3 Credits
The theory and practice of international peacekeeping; the legal basis and control over peace-keeping operations, studies of peace-keeping efforts under the aegis of the U.N., O.A.U, Case studies will include the Middle East, Africa, Asia and the Caribbean.

MDST 842  INTERNATIONAL POLITICS SINCE 1990  3 Credits
This Course examines the world political scene after the disintegration of the Soviet Union, the end of the cold war and what appears to be the emergence of a unipolar world. The characteristic and the manifestations of this new world order will be discussed, including their implications for Africa and the rest of the third world. The rapid economic development taking place in china will be highlighted and its possible impact on the present world order.

MDST 851  INTERNATIONAL ECONOMIC RELATIONS  3 Credits
The world economic since the establishment of the Breton-woods institutions; theoretical background of some current international economic problems; international trade and development; theory and practice of international trade GATT, W.T.O and UNCTAD. balance of payments problems; economic integration EU, ECOWAS, SADC, Maghreb union etc, the new international economic order, north-south dialogue; activities of transnational corporation; issues in Nigeria’s international economic relations foreign direct investments, external debts, capital flight, brain drain.

MDST 852  AFRICAN GOVERNMENT AND POLITICS  3 Credits
This course will cover the following themes: the advent of colonialism in Africa; colonial administration, the different approaches to colonial administration by Britain and France, the nature of African neo-colonialism, the advent of independence, post-colonial governments and the crisis of unfulfilled expectations; the phenomenon of neo-colonialism. African political economy; terms of trade and the debt burden, military intervention in Africa politics; pan Africanism in historical perspective.

MDST 861  LAW OF ARMED CONFLICT  3 Credits
The concept and forms of force; scope of warfare, nuclear weapons ad international. The Geneva conventions (1949), other treaties and declarations, law of neutrality.

MDST 862  FROM O.A.U. TO AFRICAN UNION: A STUDY IN INTER-AFRICAN DIPLOMACY  3 Credits.
The course is a study in relations among African nations, the evolution of an international organization, the Organization of African unity (OAU), and its transition to African Union. The course will also examine conflict resolutions on the African continent and the limitations o the continent’s influence on the world diplomatic scene.
MDST 871  THE THIRD WORLD: PROBLEMS OF DEVELOPMENTS  3 Credits
The course exposes the student of the problems of development on a global scale with illustrations from Africa, Asia and Latin America. It examines the internal causes of underdevelopment, and the structure and modes of operation of number of internal organizations reinforcing underdevelopment. The remedies being adopted for overcoming poverty will also be examined particularly in the light of the phenomenon of globalization.

MDST 872  THE EMERGENCE OF CHINA AS A WORLD POWER  3 Credits
This is a study in the transformation of china form a Marxist-Leninist ideology, begun in 1949, to today’s market socialism’, allowing pockets of capitalist individualism to coexist with a dominant state capitalism resulting in a phenomenal economic growth the world’s highest in recent times.

MDST 899  RESEARCH PROJECT  6 Credits
An original essay of not more than 15,000 words on any topic related to the course chosen by the students and approved by the department.
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 programme.

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.
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.

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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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 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, X^2 test, analysis of variance – one factor experiment, two- factor experiment); Radom 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 821 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 would be discussed, as well as the role of some agencies of the United Nations in promoting it.

HIST 899   RESEARCH THESIS   6 Credits
An original essay of not more than 5,000 words on any topic to the course chosen by the students and approved by the Department.
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:

(i) 30 units of compulsory courses from the 800 level courses which must include the research project.
(ii) At least 10 additional units from the optional courses at the 800 level.
   Successfully complete and defend a Thesis.
   Duration: Three Semester.
### STRUCTURE OF FULL TIME STUDIES FOR M.A. ENGLISH (LANGUAGE EMPHASIS)

<table>
<thead>
<tr>
<th>COURSE CODE</th>
<th>COURSE TITLE</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<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><strong>GENERAL REQUIREMENTS</strong></td>
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<tr>
<td>ENGL 801</td>
<td>Advanced English Phonetics &amp; Phonology</td>
<td>3</td>
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<tr>
<td>ENGL 802</td>
<td>Studies in Nigerian English</td>
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<tr>
<td>ENGL 811</td>
<td>Advanced Grammar &amp; Structure of Mod. English</td>
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<tr>
<td>ENGL 812</td>
<td>Advanced Discourse Analysis</td>
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<tr>
<td>ENGL 821</td>
<td>Advanced English Semantics &amp; Pragmatics</td>
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<tr>
<td>ENGL 822</td>
<td>Advanced Theories of Syntax</td>
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<tr>
<td>ENGL 831</td>
<td>Studies in General and Literary Stylistics</td>
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<tr>
<td>ENGL 832</td>
<td>Morphology and Lexicology</td>
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<tr>
<td>ENGL 899</td>
<td>M.A. Research Project and Bibliographic Studies</td>
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<td><strong>CORE COURSES</strong></td>
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<tr>
<td>ENGL 841</td>
<td>Advanced Sociolinguistics</td>
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<tr>
<td>ENGL 842</td>
<td>English for Specific Purposes</td>
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<td>2</td>
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<tr>
<td>ENGL 851</td>
<td>Applied English Linguistics</td>
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<tr>
<td>ENGL 852</td>
<td>Pidgins and Creoles</td>
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<td>2</td>
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<tr>
<td>ENGL 861</td>
<td>Research Methods and Analytical Techniques</td>
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<tr>
<td>ENGL 862</td>
<td>Error Analysis and Inter-Language</td>
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<tr>
<td>Any Open Literature Elective</td>
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</table>

Candidates are to choose any ONE elective per semester

### 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 802         STUDIES IN NIGERIAN ENGLISH       3 Credits

ENGL 811         ADVANCED GRAMMAR AND STRUCTURE    3 Credits
A general study of grammatical theories and models-traditional, structural, transformational generative, systemic, as well as structure and function of modern English.

ENGL 812         ADVANCED DISCOURSE ANALYSIS        3 Credits
A study of current models of analyzing texts, discourse, and ‘what is beyond the sentence’. Topics to be covered include cohesion, turn taking, exchange, speech acts, pragmatics, ethnography of communication, interaction, sociolinguistics, conversation analysis, variation analysis, forensic discourse analysis, critical discourse analysis, thematic approach to sentence structure, etc.

ENGL 821         ADVANCED ENGLISH SEMANTICS & 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 822  ADVANCED THEORIES OF SYNTAX**  
3 Credits  

**ENGL 831  STUDIES IN GENERAL AND LITERARY STYLISTICS**  
3 Credits  
The concept of style, stylistics, theories and approaches to the study of style, the use of linguistic tools in analyzing literary texts, register: language of law, language of religion newspaper, reporting, advertising, language of bureaucracy, technical/scientific writing, etc.

**ENGL 832  MORPHOLOGY AND LEXICOLOGY**  
3 Credits  
The course will show how essential morphology is to the study of English. The following will be studied in detail: word, form and lexeme. Lexical deviational and inflectional morphology, morpheme and allomorph, morphological processes, inflectional morphology and syntax. Procedures for determining the meaning of morphemes: Morphology and Generative Grammar. General principles of lexicology and problems of lexicology in a monolingual dictionary of English. Problems in editing commercial monolingual dictionaries. Theories of lexical analysis, lexica units, states, process and action in English items.

**ENGL 841  ADVANCED SOCIOLINGUISTICS**  
2 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, etc.

**ENGL 842  ENGLISH FOR SPECIFIC PURPOSES**  
2 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, etc.

**ENGL 851  APPLIED ENGLISH LINGUISTICS**  
2 Credits  
A study of applied linguistics in such areas as error and contrastive analysis, inter-language, language testing, teaching of language and literature, etc.

**ENGL 852  PIDGINS AND CREOLES**  
2 Credits  
A survey of the origin, nature and development of Pidgins and Creoles: language in contact. 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 861  RESEARCH METHODS & ANALYTICAL TECHNIQUES  2 Credits
A course on current research methods and bibliographic studies – the concept of hypothesis, types of research, research format, data collection and analysis, statistical quotations, notes, references, bibliography, etc.

ENGL 862  ERROR ANALYSIS INTER-LANGUAGE  2 Credits
This course pays attention to inter-language studies with particular reference to Error Analysis and Contrasting Analysis within the purview of English as a second language.

ENGL 899 M.A. RESEARCH PROJECT AND BIBLIOGRAPHIC STUDIES  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)

<table>
<thead>
<tr>
<th>COURSE CODE</th>
<th>COURSE TITLE</th>
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<td>GENERAL REQUIREMENTS</td>
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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>CORE COURSES</td>
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<tr>
<td>EGLT 801</td>
<td>Bibliographic Methods &amp; Research Studies</td>
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<td>EGLT 802</td>
<td>Studies in African Fiction</td>
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<tr>
<td>EGLT 811</td>
<td>Literary History, Theory &amp; Criticism</td>
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<td>EGLT 812</td>
<td>Studies in African Drama</td>
<td>3</td>
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<td>EGLT 821</td>
<td>Theory of Poetry</td>
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<tr>
<td>EGLT 831</td>
<td>Theory of Drama</td>
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<tr>
<td>EGLT 822</td>
<td>Theory of Fiction</td>
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<td>EGLT 899</td>
<td>M.A. Dissertation</td>
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<td>ELECTIVES</td>
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<tr>
<td>EGLT 832</td>
<td>Gender Studies</td>
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<tr>
<td>EGLT 842</td>
<td>Cultural Studies</td>
<td>2</td>
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<tr>
<td>EGLT 852</td>
<td>Advanced Studies in Creative Writing</td>
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<td>EGLT 841</td>
<td>Advanced Studies in Oral Literature</td>
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<tr>
<td>EGLT 851</td>
<td>The Literature of Black Diaspora: African-American</td>
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<td>EGLT 861</td>
<td>Literature and the Media</td>
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Students are to choose ONE elective per semester

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

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

## 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

EGLT 801  BIBLIOGRAPHIC METHODS & RESEARCH STUDIES  3 Credits
A course on current research methods and bibliographic studies – types of research, research format, quotations, notes, references, bibliography etc.

EGLT 802  STUDIES IN AFRICAN FICTION  3 Credits
An intensive study of the novel in Africa with emphasis on the African heritage of the novel, the novel in the age of transition, contexts of the African novel, the negritude ideology and the African novel, the novel as a tale retold, the novel of armed resistance, exile and estrangement, fiction and the feminist consciousness.

EGLT 811  LITERARY HISTORY, THEORY AND CRITICISM  3 Credits
A course on aspects of specific theoretical approaches to the study of literature. A critical survey of the development of ideas about the form and function of literature. The course is taught with special reference to the theories of the major literary critics such as Plato, Aristotle, Philip Sydney, Jean Dryden, Leo Tolstoy, John Paul Satre, F.R. Leavis, T.S. Eliot and I.A.Richards. Metacritical issues, hermeneutics.

EGLT 812  STUDIES IN AFRICA DRAMA  3 Credits
An intensive study of African Drama, both traditional and contemporary. The evolution of drama from rituals, functions of drama in society. The contribution of African dramatics with a variety of texts by writers from different regions of Africa will be studied. Dramatic forms are examined in their cultural context. A wide range, from a highly ‘literary’ type of drama to more ‘popular’ forms, is covered.

EGLT 821  STUDIES IN AFRICAN POETRY  3 Credits
An intensive study of African poetry both traditional and contemporary. A critical examination of the place of incantation and the muse factor in African poetry. Focus will also be on Negritudism and other related concepts.

EGLT 822  THEORY OF FICTION  3 Credits
A study of forms, themes and trends in prose fiction, especially the novel of the last quarter of the 19th century in English when a heightened interest in form and craftsmanship in the English novel began with Henry James, James Joyce, Virginia Woolf, Joseph Conrad, etc. Theories of narrative art explicated by literary critics such as Wayne Booth, Philip Stevick, Norman Freidmann, Maurine Shroederm, Northrop Frye, Robert Scholes and Robert Kellogg.
EGLT 831  THEORY OF DRAMA       3 Credits
A study of forms, themes and trends in drama from classical times to the present. For a broader
view of the theory of tragedy, emphasis will be placed on the Aristotelian, Senecan, and
Elizabethan definitions of tragedy and the critiques of these definitions.

EGLT 832  GENDER STUDIES       3 Credits
This course will focus on the various approaches to literary criticism that attempt to examine the
ways in which literature has been shaped by gender issues. The course will emphasize the
influence of gender on literary works in all the major genres of literature. Emphasis will be
placed on the construction or deconstruction of the female world-view, themes, use of language,
etc in the interpretation of selected texts.

EGLT 842  CULTURAL STUDIES       3 Credits
This course focuses on culture as a sensitive trajectory of power relations that has important
consequences for the individual, the state, form of social and economic productions, and
institutional policy determinations. With particular reference to its contemporary ‘globalized’
realization, the course shall examine the influences of cultural forms such as the postcolonial,
post modernism, feminist, deconstructionist, post-structuralist, etc on present day human
societies and their consequences on peoples, time and freedom.

EGLT 841  ADVANCED STUDIES IN ORAL LITERATURE       3 Credits
Definition of oral literature, techniques of study, scope of oral literature, forms of oral literature:
praise songs, myths, legends, folk tales, dirges, proverb, the epic, ritual drama, oral poetry,
narratives, their literary resources and contexts. The course also underscores the performative
essence and relevance of oral literature to the corpus of African literature.

EGLT 851  THE LITERATURE OF BLACK DIASPORA I: AFRICAN-AMERICAN       3 Credits
Studies in the writings of black authors from North America. Selected works of the major poets
(e.g. Wheatley, Dunbar, Hughes, McKay, Hayden, and Baraka,); novelists (e.g. Chesnutt,
Bontemps, Wright, Ellison, and Baldwin);dramatists(e.g. Baldwin and Baraka); essayists (e.g.
Killens and Baldwin) will be examined in the context of the quest of Blacks for cultural roots in
America, and as far as possible, in the context of such movements as the Harlem Renaissance
and Black Aesthetic.

EGLT 852  ADVANCED STUDIES IN CREATIVE WRITING       3 Credits
This course is designed to equip students with the tools for interpreting their environment in the
language that is most expressive through writing, with a great consideration for story, idea
development, themes, plot, diction, character, situation, conflicts, suspense, points of view,
structure, style symbols, etc. various approaches to creative writing will be explored with the
fundamentals of prewriting, writing proper and post writing. Students who have original creative
works may submit them as part of the course requirements. The flexibility of the course
however, allows it to accommodate students with a diverse range of goals, interest, and
backgrounds.

EGLT 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.
ADMISSION REQUIREMENTS
Candidates seeking admission into the PhD in English degree program are required to possess:

i. 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.

ii. Any other M.A. degree which will be evaluated to determine the level of courses to be taken as remedial in order to qualify for the PhD in English programme.

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

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

v. All categories of applicants may however be required to go through a postgraduate selection process.

GRADUATION REQUIREMENTS
Students are expected to complete a total of 58 Credit units including the successful completion and defense of a dissertation with a minimum of 50% pass mark in all courses.
Duration: A minimum of 6 Semesters
## STRUCTURE OF FULL TIME STUDIES FOR PH.D. IN ENGLISH

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<tr>
<th>Course Code</th>
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<th>Second Year</th>
<th>Third Year</th>
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<td>1st Sem.</td>
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<tr>
<td>GEDS 901</td>
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Students are to take all GEDS courses, all core courses in the first and second semesters; 3 units of
elective courses in the second semester of the 1st year, and between 2 and 3 units each of electives in the first and second semesters of the 2nd year.

**COURSE DESCRIPTION**

**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.

**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 902 SEMINAR I** 4 Credits
Seminar I is a presentation by the student aspiring to undertake, the PhD programme, in which he/she proposes the topic of the research to be undertaken, the background of the work, the theoretical framework, literature review, and the aims and objectives for the proposed work. It is also intended to enable the student specify in detail the research methodology, the specific approach(es) to be adopted for the analysis of the data which serve(s) as the basis for the work and the different tasks or actions which are involved to prove and or elucidate the argument of the thesis. In consonance with literary theory and practice the presentation is expected to specify what will be the narrative, poetic, dramatic or stylistic basis of critical analytical approach to be adopted or adapted, whether there will be interviews, questionnaires, textual interpretations and how these will be carried out in consonance with the aims and objectives of the proposed research topic. This seminar is also expected to indicate clearly and convincingly how the work will contribute to the advancement of linguistic and literary knowledge and the relevant ongoing linguistic/literary critical debate.

**ENGL 903 SEMINAR II** 4 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
taught 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.

ENGL 922 STUDIES IN PRAGMATICS 3 Credits
This course focuses on aspects of deixis, speech acts, conversational implicatures,
and presuppositions, discourse structure, knowledge of the world and shared knowledge, within the
context of the choices that speakers make, the constraints they encounter in using language in
social interaction, and the effects their use of language has on other participants in the discourse
situation.

ENGL 933 TEXT LINGUISTICS 2 Credits
This is a study of theories and practical explication of Systemic Text Linguistics, texture and
Textuality, cohesion, coherence, text grammars, etc.

ENGL 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 990 ADVANCED SOCIOLINGUISTICS 2 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 950 APPLIED ENGLISH LINGUISTICS 2 Credits
This course is designed to provide an in-depth study of applied linguistics in areas such as error and contrastive analyses, inter-language, language testing, teaching of language and literature etc.

ENGL 980 STUDIES IN NIGERIAN ENGLISH 2 Credits
This course will trace the evolution of Nigerian English and discuss its usage in various communicative domains. The developmental trends, the influences and the linguistic features that characterize the language variety will be explicated. The resultant features of the domestication of the English Language in Nigeria where the language performs both instrumental and integrative functions will be explicated.

ENGLT 907 LANGUAGE AND LITERARY STUDIES IN BOOK PUBLISHING 2 Credits
This course is designed to be an industrial application of Language and Literary Studies, by exploring the vital role that literary and language skills play in the wide field of Book publishing. It teaches comprehensive and advanced skills in spelling, punctuation, grammar, proof-reading, and book design in relation to specific audience seasoned editors and publishers will be used to provide inside knowledge of the literary-language publishing industry.

ENGL 911: ADVANCED METHODS IN LITERARY TEXT ANALYSIS 3 Credits
This course provides approaches to literary text analysis and discussion. It proceeds through the study of the analytical methods of the major African and European literary critics such as I.A.Richards, Practical Criticism; J.P.Clark-Bekederemo The Examples of Shakespeare, and Essays in New Stylistic by S.Chattaman. Oyin Ogunba Movement of Transition, F.R.Leavis Revaluations.

ENGL 930: REGIONAL INFLUENCES ON AFRICAN LITERARY STUDIES 3 Credits
English 930 introduces students to the dynamic relationships between literary creations and social cultural environment. It brings into critical evaluative discourse the ways in which socio-geographical environment shapes the themes, visions, style and language in literature. Large regional environments such as West Africa, East Africa, Southern Africa, and smaller units such as Nigeria, Western, Northern or Eastern Nigeria or very small communities will define the notion of “Regional” in this course.

ENGL 920: AFRICAN ORAL LITERATURE 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 Ijela etc.
ENGL 931: STUDIES IN PROSE AND POETIC DICTION  3 Credits
This course is designed to provide an in-depth exposition of celebrated ways of analyzing, classifying, describing and evaluating prose and poetic diction as means of understanding a given author at a deeper level.

ENGL 932  LITERATURE, RELIGION AND PHILOSOPHY  2 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.

ENGL 940: ADVANCED FEMINIST THEORIES AND LITERARY ANALYSIS  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 will constitute the pivot of the course.

ENGL 942  NIGERIAN FEMINIST WRITERS  2 Credits
This course provides a formal context for the study of Nigerian female writers in terms of their characteristic themes, styles and social-political relevance. Starting with the pioneer feminist writers, such as Flora Nwapa, and Buchi Emecheta, the course dovetails to include the more recent new voices such as Chimamanda Adiche and Akachi Ezeigbo. Writers in the three genres, Fiction, Drama, and Poetry will be equally featured in the course.

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 Vanity 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.

ENGL 951  LITERATURE AND THE MASS MEDIA  2 Credits
This course focuses on the interface between literary studies and its business-commercial possibilities which can enable students become self-employable when necessary. The course will be practical in orientation and treat subjects such as the adaptation of classic literary works filmic forms, television and radio, the writing and presentation of literary books, biographic book reviews on newspapers, radio and T.V., public presentation of books, literary text script writing,
literary production societies, and related activities. Selected major texts on these subjects will provide the basis of the teaching of the course.

**ENGL 999  THESIS**

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 full-time 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 50 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 50 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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TOTAL NUMBER OF CREDITS (50 CREDITS) 20 18 12
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 verbal constructs, identification and analysis of syntactical constructions and translations. Prerequisite: BIBL 502: Beginning Greek.

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 studied 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.

MISSIONS

MSSN 751: 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 and better ways of reaching out to adherents of these Faiths with the unique Gospel Message.

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.
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 771: 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.
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:

i. Possess a Bachelor’s degree with minimum of Second Class (Lower) Division in Accounting of Babcock University or any other approved University.

ii. Candidates with at least Second Class (Lower) Division in a related discipline of Babcock University or any other approved University may be offered admission provided they possess in addition, a Post Graduate Diploma in Accounting.

iii. Candidates must have met the requirements for admission into the Bachelor degree programme by obtaining Five (5) credits at not more than two sittings in English Language, Mathematics and Economics and any other two subjects at SSCE, GCE, NECO or their equivalence. A pass in Economics may be considered provided the candidate has a credit pass in either Accounting or Commerce.
## PROPOSED BABCOCK M.Sc ACCOUNTING PROGRAMME (800LEVEL)

<table>
<thead>
<tr>
<th>COURSE CODE</th>
<th>COURSE TITLE</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>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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<tr>
<td>ACCT 811</td>
<td>Advanced Management Accounting</td>
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<tr>
<td>ACCT 822</td>
<td>Advanced Audit and Assurance</td>
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<tr>
<td>ACCT 821</td>
<td>Public Sector Accounting &amp; Finance</td>
<td>3</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>
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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>
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<tr>
<td>ACCT 803</td>
<td>Seminar in Accounting</td>
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<tr>
<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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</tbody>
</table>

### CORE COURSES

**ELECTIVES (Core Accounting Specialization)**

| ACCT851     | Forensic Accounting                              | (3)                 |                     |                     |
| ACCT 842    | Strategic Financial Management                    | (3)                 |                     |                     |
| ACCT 872    | Human Resources Accounting                        | (3)                 |                     |                     |
| ACCT871     | Petroleum Accounting                              | (3)                 |                     |                     |

**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, X<sup>2</sup> test, analysis of variance – one-factor experiment, two-factor experiment); random numbers (distribution – probability distribution, binominal 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  3 Credits
This course is designed for students interested in accounting and financial control of international operation, the students should be familiar with the international accounting standards, the course involves preparation, translation and analysis of financial statements for companies that have branches of foreign multinational companies, the course should also examine series of accounting and control problems of foreign companies, methods of transfer of dividends, cost of foreign products, funds for foreign directors. Any other topical issues.

ACCT 841: RESEARCH METHODOLOGY  3 Credits
Research study methods applicable to all business fields especially matters involving accounting data. The areas of scientific research, research strategy, model construction, data collection, questionnaire, interview, motivation research, editing job, revision of statistical measurement and analysis of data. Accounting research, with special reference to Nigeria. Ethics in research.

ACCT 842: STRATEGIC FINANCIAL MANAGEMENT  3 Credits
Types of investment decisions, capital budgeting and Investment appraisal, management of Working Capital, share valuation, business combination, financial statement analysis, effect of taxation and other government policies on Investment decisions, Performance Evaluation, Pricing decisions, Capital structure and dividend policy; Portfolio theory, risk management, capital asset pricing model. Any other topical issue.

ACCT 851 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 852: INTRODUCTION TO ECONOMETRICS  3 Credits
Definition and Scope of econometrics, econometrics research methodology, stages in an econometric research, properties of an econometric model. Correlation and regression analysis, measure of linear correlation, numerical values of the correlation coefficient, simple correlation coefficient. Pearson’s correlation coefficient, Spearman’s rank correlation coefficient, partial correlation coefficient; test of significance in correlation, intercorrelation (multicollinearity) of variables. Regression analysis: Definition of regression, simple linear regression model; multiple regression analysis. Formulation and testing of hypotheses.
ACCT 803: SEMINAR IN ACCOUNTING  2 Credits
These will be presented by students as well as external resource persons. The topics will be
drawn from emerging issues/current developments in the field of business and accounting and
will cover all the six core areas of specialization namely: financial management, advanced
management accounting, Petroleum Accounting, Taxation & Fiscal Policy, and Forensic
Accounting. Active participation and contribution of students in other’s presentations are
important.

ACCT 862: ADVANCED FINANCIAL ACCOUNTING  3 Credits
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 SAS 17.
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>
<thead>
<tr>
<th>COURSE CODE</th>
<th>COURSE TITLE</th>
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<td>GEDS 901</td>
<td>GENERAL REQUIREMENT</td>
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<td>GEDS 902</td>
<td>Personal and Family Wholeness</td>
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<td>GEDS 911</td>
<td>Statistics</td>
<td>2</td>
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<tr>
<td>GEDS 912</td>
<td>Research proposal and Writing</td>
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<td>Advanced Research Design</td>
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<td>ACCT 901</td>
<td>International Accounting</td>
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<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>
<td>Accounting Ethics</td>
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<td>ACCT 912</td>
<td>Advanced Management Accounting</td>
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<td>ACCT 904</td>
<td>Seminar I</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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<tr>
<td>ACCT 911</td>
<td>ELECTIVES(Core Areas of Specialization)</td>
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<tr>
<td>ACCT 921</td>
<td>Strategic Financial Management</td>
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<tr>
<td>ACCT 922</td>
<td>Oil and Gas Accounting</td>
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<tr>
<td>ACCT 931</td>
<td>Taxation and Fiscal Policy</td>
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<tr>
<td>ACCT 932</td>
<td>Environmental Accounting</td>
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<tr>
<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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<td>TOTAL (42)</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, $X^2$ 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 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 and 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**  
S/U  
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**  
3 Credits  
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**  
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 921: OIL AND GAS 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.
ACCT 922  TAXATION AND FISCAL POLICY 3 Credits
This course is designed primarily to expose students to the provisions of the Personal Income Tax Act (PITA) 1993; Companies Income Tax Act (CITA) 2004, and International examining of some tax laws of at least two foreign countries. The Double Taxation Agreement between Nigeria and United Kingdom / Ireland will be discussed.

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 related 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.

POST GRADUATE DIPLOMA IN MANAGEMENT (PGDM) COURSES

<table>
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<td>BSAD 741</td>
<td>Quantitative Techniques</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>BSAD 702</td>
<td>Principles of Finance</td>
<td>2</td>
<td></td>
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<tr>
<td>BSAD 717</td>
<td>Human Behavior in Organizations</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>BSAD 722</td>
<td>Business Policy &amp; Strategic Management</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>BSAD 792</td>
<td>Management Process</td>
<td>2</td>
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<tr>
<td>BSAD 799</td>
<td>Project Work</td>
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ELECTIVE COURSES

76
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Units</th>
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<tbody>
<tr>
<td>BSAD 732</td>
<td>Corporate Governance</td>
<td>2</td>
</tr>
<tr>
<td>BSAD 761</td>
<td>Industrial Psychology</td>
<td>2</td>
</tr>
<tr>
<td>BSAD 751</td>
<td>Environment Analysis</td>
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<tr>
<td>BSAD 771</td>
<td>Comparative Management</td>
<td>2</td>
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<tr>
<td>BSAD 772</td>
<td>International Business</td>
<td>2</td>
</tr>
<tr>
<td>BSAD 782</td>
<td>Entrepreneurship</td>
<td>2</td>
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</table>

Total (32) 18 14

NB: Candidates are to choose two electives in the first semester and one elective in the second semester in consultation with the Head of Department or the Course Coordinator.

Graduation Requirements
- General Requirement Courses: 4 Credit Units
- Cognate Courses: 22 Credit Units
- Elective Course: 6 Credit Units
- TOTAL: 32 Credit Units

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

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.

**BSAD 702 FINANCIAL MANAGEMENT**  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, Introducing Statement of Accounting Standard 1 & 2 (S.A.S. 1 & 2), The Accounting functions and it’s relationship with the information system of organizations, accounting procedure and systems, Basic documentation process, double entry book keeping system, the trial balance, Accruals, Pre-payments and adjustments, books of prime entry, and recording in Ledger, classification of expenditure entry & recording in the ledger, classification of expenditure between capital and revenue items, , methods of recording accounting data, manual and mechanical, bank reconciliation statement, preparation of debtors and creditors statement. Accounting for fixed Assets acquisition,depreciation, disposal,and fixed Asset schedule, extended trial balance and correction of errors using suspense account and journal, final account of a sole trader. Reserves and provisions, payroll accounting, preparation of final accounts, manufacturing, trading profit and loss account, balance sheet for sole proprietorship; partnership & limited liability company

**BSAD702 PRINCIPLE OF FINANCE**  2 Credits
The nature of risks; the limited liability company. The firm and its objectives the objectives of financial decicions. The finance function investment, financing and divided. Financial management as a tool for planning and control of company operations. Principles of planning and control of company operations. Principles of planning and control. Financing business. Sources of finance short term; medium term, long term. The stock market, functions, meaning of

**BSAD 752   ENVIRONMENTAL ANALYSIS**  
Evaluation of possible or probable effects of external forces, including industrial waste water and solid wastes. The course deals with all environmental pollutants, an overview and an assessment of value of a broad range of relevant methods including conventional techniques used in environmental and industry analyses, e.g., the Delphi method and technological forecasting. The environments of business, strategy and strategic decisions are all considered.

**BSAD 722   COMPARATIVE MANAGEMENT**  
A wide view of corporate performance in different parts of the world especially the leading industrialized countries, and their styles of management. The focus of this course is on the different styles of management in different parts of the world, the concept of style and its role in managerial and organizational efficiency and effectiveness.

**BSAD 712   HUMAN BEHAVIOUR IN ORGANISATIONS**  
This course provides the student with a systematic view of human behavior in organizations. Divided into three tracts, it makes the student aware of the impact of individual/group/organizational behavior on group and organizational effectiveness. The course covers inputs and simulations on leadership, motivation, communication, group effectiveness, norms, learning styles, organizational culture, change, conflict management and career development. 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.

**BSAD 722   BUSINESS POLICY & STRATEGIC MANAGEMENT**  
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. 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. The course objective is to expose the student to the basic elements of strategy and the impact of strategic decisions in organizations.

**BSAD 732   CORPORATE GOVERNANCE**  
A key to the integrity of corporations, this course focuses on the health of the economy of nations. The course is designed to facilitate the movement to enhance wealth creation by transforming corporations into more dynamic and democratic entities through shareholder
activism. It includes the key concepts of corporate governance in line with global best practices, the nature of corporate governance in Nigeria and investigates the prospects for corporate governance as it does adapting to current situations.

**BSAD 751 INDUSTRIAL PSYCHOLOGY** 2 Credits
This course is a study of psychology as it applies in the workplace: attitudes of employees and employers, organizational behavior. It includes the application of psychology to safety and performance in high reliability.

**BSAD 792 MANAGEMENT PROCESS** 2 Credit

**MASTER OF BUSINESS ADMINISTRATION (MBA)**
The professional Masters in Business Administration has the following areas of specializations:
- Strategic Management
- International Business
- Human Resources Management
- Human Resources Accounting
- Management Accounting
- Entrepreneurship
- Corporate Governance

**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 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 student will be able to:
   (i) effectively manage a marketing/business enterprise.
(ii) effectively initiate, conduct and supervise a research program in the field of Business Management.

(iii) effectively teach a Business Administration course at the undergraduate level.

(iv) 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, a minimum of 3 years work experience.

  OR

- Matured candidates with not less than 5 years work experience (who possess PGD in Management in addition to a B.Sc. degree in a field other than Business Administration) are eligible to apply.

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**

<table>
<thead>
<tr>
<th>COURSE CODE</th>
<th>COURSE TITLE</th>
<th>1ST SEMESTER</th>
<th>2ND SEMESTER</th>
<th>3RD SEMESTER</th>
<th>4TH SEMESTER</th>
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<tr>
<td>GEDS 801</td>
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<td></td>
<td>COURSES</td>
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<tr>
<td>GEDS 802</td>
<td>Religion Faith &amp; Morality</td>
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<tr>
<td>GEDS 802</td>
<td>Statistics</td>
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<p>| CORE COURSES | | | | |</p>
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Units</th>
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<tbody>
<tr>
<td>BMBA 801</td>
<td>Business Ethics</td>
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<tr>
<td>ECON 801</td>
<td>Managerial Economics</td>
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<tr>
<td>BSAD 831</td>
<td>Quantitative Techniques &amp; Computer Application</td>
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<tr>
<td>BSAD 843</td>
<td>Management Theory</td>
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<td>BSAD 841</td>
<td>Organization Behavior</td>
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<td>BSAD 844</td>
<td>Business Law</td>
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<td>BSAD 842</td>
<td>Research Methods</td>
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<tr>
<td>BSAD 812</td>
<td>Financial Management</td>
<td>3</td>
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<tr>
<td>BSAD 802</td>
<td>Strategic Management</td>
<td>3</td>
</tr>
<tr>
<td>BSAD 811</td>
<td>Introduction to Financial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>BSAD 892</td>
<td>Human Resource Mgt.</td>
<td>3</td>
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<tr>
<td>BSAD 822</td>
<td>Project Management</td>
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<td>BSAD 853</td>
<td>Seminar in Business Administration</td>
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<td>BSAD 899</td>
<td>Research Project</td>
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<td>BSAD 811</td>
<td>Corporate Finance</td>
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<tr>
<td>BSAD 813</td>
<td>ICT Management</td>
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<td>BSAD 815</td>
<td>Operations Management</td>
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<tr>
<td>MKTG 813</td>
<td>Strategic Marketing Management</td>
<td>3</td>
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<tr>
<td>BSAD 817</td>
<td>Entrepreneurship</td>
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<tr>
<td>BSAD 819</td>
<td>Business Environment</td>
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<tr>
<td>BSAD 821</td>
<td>MBA Language Program</td>
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**ELECTIVE COURSES**

<table>
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<th>Credit Units</th>
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<tr>
<td>MKTG 832</td>
<td>Marketing Research</td>
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<tr>
<td>BSAD 861</td>
<td>Comparative &amp; Change Management</td>
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<tr>
<td>BSAD 862</td>
<td>Entrepreneurship &amp; Small Business</td>
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<tr>
<td>BSAD 872</td>
<td>International Business</td>
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<tr>
<td>BSAD 832</td>
<td>Issues in Corporate Governance</td>
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**Total Credit Units (75)** 19 20 21 15

**NB:** Candidates are to choose two electives in the fourth semester in consultation with the Head of Department or the Course Coordinator.

**Graduation Requirements**

- General Requirement Courses: 4 Credit Units
- Cognate Courses: 59 Credit Units
- Elective Course: 6 Credit Units
- Project: 6 Credit Units
- **TOTAL:** 75 Credit Units
Course Duration
Full-time: minimum of two (4) semesters and maximum of four (6) semesters.
Part-time: minimum of six (6) semesters and maximum of ten (10) 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, $X^2$ 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

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.

BSAD 853 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

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

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


ACCT 811   MANAGEMENT ACCOUNTING

An in depth study of the development in auditing theory and practice. Emphasis will be placed on the problems of internal and external auditors in Nigeria set-up, the constraints of auditors in the public and private sectors. Other topics to consider are 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, and problems associated with auditing of computerized systems. Impact of the Companies Act, the Nigerian Stock Exchange regulations and the NSAB’s Statements of Accounting Standards of financial reporting will also be considered.

BSAD 812   FINANCIAL MANAGEMENT OF THE CORPORATION

Theory of basic Accounting process. Accounting Transactions are examined. Emphasis on collecting processing interpretation, communication and utilization of Accounting reports.

BMBA 802   OPERATION/PRODUCTION MANAGEMENT

Major Economic decision problems of production and operations management; aggregate planning; production and work force scheduling; large scale project control (CPM, PERT); rationale of multi-plant operations tradeoff between cost and economics of scale; ware house location problem; demand forecasting; quality control; job scheduling interfacing production problems with those of other functional areas.

BSAD 844   ORGANISATIONAL 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.

**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.

**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 844 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 862 ENTREPRENEURSHIP AND SMALL BUSINESS** 3 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 822 PROJECT MANAGEMENT** 3 Credits
The course deals with 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 872 INTERNATIONAL BUSINESS** 3 Credits
The course deals with an examination of the principles and mechanics involved in the management of multinational corporations, taking particular due cognizance of the concepts of international finance and economics, especially as they affect such corporations across international borders.

**BSAD 811 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 its 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 813 ICT MANAGEMENT 3 Credits
Uses of computers in problem solving; its application to the solution of problems at the introductory level in capital budgeting and linear programming.

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 813 MARKETING MANAGEMENT 7 STRATEGY 3 Credits
Perspective and problems of marketing management in a multi-product firm; the concept and application of strategic planning to business units and functional areas of marketing, utilization of current marketing strategy models as aids in strategy formulation, decision processes for product planning, pricing, promotion distribution and competitive strategy.

BSAD 817 ENTREPRENEURSHIP 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.

BSAD 811 INTRODUCTION TO 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 819 BUSINESS ENVIRONMENT 3 Credits
The basic objective of the course is to examine 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.

**BSAD 821 MBA LANGUAGE PROGRAM (MBALP)  3 Credits**
Management of interpersonal skills; Presentation skills to persuasion and influencing; handling the media; cold calling and power relations.

**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

**MASTERS OF SCIENCE (M.Sc.) MARKETING**

**OBJECTIVES OF THE PROGRAMM:**

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**

<table>
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<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>
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<td>MKTG 801</td>
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<td>Marketing Management</td>
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<td><strong>ELECTIVE COURSES</strong></td>
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<td>MKTG 811</td>
<td>Consumer Behavior</td>
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<td>MKTG 821</td>
<td>Petroleum Product Marketing</td>
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<td>Marketing Communication</td>
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<td>MKTG 841</td>
<td>Promotion Strategies</td>
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<td><strong>Total Credit Units (51)</strong></td>
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**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
- Cognate Courses - 38 Credit Units
- Project - 6 Credit Units
- Elective Course - 3 Credit Units
- TOTAL - 51 Credit Units

Course Duration
Full-time: minimum of three (3) semesters and maximum of five (5) semesters.
Part-time: minimum of five (5) semesters and maximum of seven (7) 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 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 831 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.

**MKTG 812 CHANNELS OF DISTRIBUTION** 3 Credits

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.

BSAD 812 MACRO-ECONOMICS
3 Credits
This course analyses concepts of National Income, classical rational I compared, problems of unemployment and inflation, IS-LM analytical apparatus in discussion of relative effectiveness of monetary and fiscal policy, National income models.

ACCT 852 MANAGERIAL ACCOUNTING
3 Credits
An in-depth study of the development in auditing theory and practice. Emphasis will be placed on the problems of internal and external auditors in Nigeria set-up, the constraints of auditors in the public and private sectors. Other topics to consider are 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, and problems associated with auditing of computerized systems. Impact of the Companies Act, the Nigerian Stock Exchange regulations and the NSAB’s Statements of Accounting Standards of financial reporting will also be considered.

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.

MKTG 853 SEMINARS 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. The student is expected to have a clear set of goals and priorities that result from maintaining an outcome orientation.

**MKTG 863  SEMINARS 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. This study occupies a higher echelon than BSAD 811. 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 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 821  PETROLEUM PRODUCT MARKETING** 3 Credits
This course includes the pricing, sourcing, promotion and physical distribution of petroleum products. The organization, marketing plan, control and coordination of the marketing of petroleum and petrochemical products and the interaction of the whole marketing function.

**MKTG 899  THESIS** 6 Credits
Independent study of a marketing topic approved by the department under the supervision of a lecturer in the department

**M.Sc. BUSINESSS 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. The programme has the following specializations:
- Strategic Management
- International Business
- Human Resources Management
- Human Resources Accounting
- Management Accounting
- Entrepreneurship
- Corporate Governance

**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:

ii. effectively manage a marketing/business enterprise.

iii. effectively initiate, conduct and supervise a research program in the field of Management

iv. effectively teach a Business Administration course at the undergraduate level.

v. 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

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<th>COURSE CODE</th>
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<td>GEDS 801</td>
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<td>BSAD 822</td>
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<td>BSAD 853</td>
<td>Seminar in Business Administration</td>
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<td>BSAD 899</td>
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**ELECTIVE COURSES**

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<td>Industrial Psychology</td>
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<tr>
<td>BSAD 861</td>
<td>Comparative &amp; Change Management</td>
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<td>BSAD 871</td>
<td>Corporate Planning</td>
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<td>BSAD 852</td>
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<td>BSAD 872</td>
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<td>BSAD 862</td>
<td>Entrepreneurship &amp; Small Business</td>
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<td>BSAD 882</td>
<td>Labour Relations &amp; Collective Bargaining</td>
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<td>BSAD 892</td>
<td>Human Resources Mgt.</td>
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**Total Credit Units (49) | 20 | 20 | 9**

**NB:** (1) Students are to choose TWO elective in the first semester in their area of specialization in consultation with the Head of Department and or Departmental PG Program Coordinator

(2) Candidates wishing to specialize in Management Accounting are expected to pick two elective courses in each of their first and third semesters respectively. The elective courses are: ACCT 811 (Advanced Management Accounting), ACCT 826 (Advanced Financial Accounting), ACCT 842 (Strategic Financial Management) and any one of ACCT 851 (Forensic Accounting), ACCT 872 (Human Resources Accounting) or ACCT 831 (Environmental Accounting)

**Graduation Requirements**
The general requirements for graduation include the following:
General Requirement Courses - 4 Credit Units
Cognate Courses - 35 Credit Units
Thesis - 6 Credit Units
Elective Courses - 4 Credit Units
TOTAL - 49 Credit Units

Course Duration
Full-time: minimum of three (3) semesters and maximum of five (5) semesters.
Part-time: minimum of five (5) semesters and maximum of seven (7) 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.) 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, 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, man-Whitney U test, Kreskas-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.

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.

BSAD 812 FINANCIAL MANAGEMENT 3 Credits
This course analyses financial markets conceptually and theoretically. It emphasizes the role, structure, and activities of financial intermediaries. The dynamic pattern of financial flows is analyzed by flow of fund analysis. The decision process and market impact of both supplies of funds and the users of funds are examined, as are models of the process of financial intermediation and the structure of interests rate differentials are analyzed extensively. The nature of economic and regulatory policy and its impact on markets and institutions is emphasized. A detailed analysis of the theory of banking firm will be attempted.

ECON 801 MANAGERIAL ECONOMICS 3 Credits

BSAD 862 MANAGEMENT PROCESSES 3 Credits

ACCT 852 MANAGERIAL ACCOUNTING 3 Credits
An in-depth study of the development in auditing theory and practice. Emphasis will be placed on the problems of internal and external auditors in Nigeria set-up, the constraints of auditors in the public and private sectors. Other topics to consider are 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, and problems associated with auditing of computerized systems. Impact of the Companies Act, the Nigerian Stock Exchange regulations and the NSAB’s Statements of Accounting Standards of financial reporting will also be considered.
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 851 INDUSTRIAL PSYCHOLOGY
3 Credits
Industrial psychology: from African perspective; principle, practices and problems. The nature of work and organizations in Africa: major deterrent factors; psychological research in organization; personnel selection; personnel testing in organizations; performance appraisal; training in industrial organization; problems of personnel training; managerial psychology, leadership & supervision in organizations, motivation morale, job satisfaction and incentives; organizational psychology; working condition in organizations; Engineering psychology; human errors, fatigue, accidents and safety; consumer psychology; organizational effectiveness.
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.

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.

This is also an independent study of a management topic chosen by the student under the supervision of a lecturer in the department. This study occupies a higher echelon than BSAD 851. 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.

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.

This is a highly oriented course, in which students are to learn techniques and skills involved in Corporate Planning and to put these into practice by a filed exercise in one real-life organization in Nigeria. Background concepts including strategy, mission, goals and objectives, long range planning, tactical operational planning will be reviewed. Students will also be expected to study empirical works investigating the relationship between corporate planning and organizational effectiveness.

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.

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 899:  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:

1. 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.
2. To create a milieu that attracts students and faculty of high quality.
3. 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.
4. 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:

1. 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.
2. 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>
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<th>COURSE CODE</th>
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<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>
<th>4&lt;sup&gt;TH&lt;/sup&gt; SEMESTER</th>
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</thead>
<tbody>
<tr>
<td>GEDS 901</td>
<td>GENERAL REQUIREMENT COURSES</td>
<td>2</td>
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<tr>
<td></td>
<td>Personal and Family Wholeness</td>
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<tr>
<td>GEDS 902</td>
<td>Advanced Statistics</td>
<td></td>
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<tr>
<td>GEDS 912</td>
<td>Advanced Research Design</td>
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</tr>
<tr>
<td>GEDS 911</td>
<td>Research Proposal Writing</td>
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</table>

*Total for Foundational Courses: 8 Credits*

### COGNATE 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>
<th>4&lt;sup&gt;TH&lt;/sup&gt; SEMESTER</th>
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</thead>
<tbody>
<tr>
<td>MKTG 901</td>
<td>Development of Marketing Thought &amp; Philosophy</td>
<td></td>
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<tr>
<td>BSAD 901</td>
<td>Government Business and Society</td>
<td></td>
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</tr>
<tr>
<td>BSAD 902</td>
<td>Advanced Quantitative Techniques &amp; Computer Applications</td>
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<tr>
<td>BSAD 911</td>
<td>Financial Management</td>
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<td>2</td>
</tr>
<tr>
<td>BSAD 912</td>
<td>Advanced Managerial Economics</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>BSAD 922</td>
<td>Advanced Strategic Mgt. &amp; Entrepreneurship</td>
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<td>RELF 924</td>
<td>Religion and Financial Management</td>
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</tr>
<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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*Total for Core Courses: 24 Credits*

### ELECTIVE COURSES

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<tr>
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<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>
<th>4&lt;sup&gt;TH&lt;/sup&gt; SEMESTER</th>
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</thead>
<tbody>
<tr>
<td>BSAD 903</td>
<td>Seminar I</td>
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<td>3</td>
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<tr>
<td>BSAD 904</td>
<td>Seminar II</td>
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Elective I      | 2                        |                          |                          |                          |
Elective II     |                          |                          |                          | 2                        |

*Total for Specialization Courses: 10 Credits*

**TOTAL 40** 10 12 7 11

**NB:** Candidates are to choose two elective courses in their third semester in consultation with the HOD and or the Coordinator.
### List of Elective Courses Available

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MKTG 921</td>
<td>Advanced Strategic Marketing Management</td>
<td>2</td>
</tr>
<tr>
<td>MKTG 922</td>
<td>Consumer Behaviour</td>
<td>2</td>
</tr>
<tr>
<td>MKTG 931</td>
<td>Strategies in Multinational Marketing</td>
<td>2</td>
</tr>
<tr>
<td>MKTG 932</td>
<td>Advanced Marketing Research</td>
<td>2</td>
</tr>
<tr>
<td>MKTG 941</td>
<td>Current Trends in Petroleum Marketing</td>
<td>2</td>
</tr>
<tr>
<td>MKTG 952</td>
<td>Issues in Marketing Communications</td>
<td>2</td>
</tr>
</tbody>
</table>

### Graduation Requirements

The general requirements for graduation include the following:

- **General Requirement Courses**: 8 Credit Units
- **Cognate Courses**: 14 Credit Units
- **Thesis**: 8
- **Elective Courses**: 10 Credit Units
- **TOTAL**: 40 Credit Units

### Course Duration

- **Full-time**: minimum of four (4) semesters and maximum of six (6) semesters.
- **Part-time**: minimum of six (6) semesters and maximum of ten (10) 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, $X^2$ 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.

BSAD 911 FINANCIAL MANAGEMENT 2 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.

MKTG 903 SEMINARS 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 SEMINARS 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.

BSAD 912 ADVANCED MANAGERIAL ECONOMICS 2 Credits
The application of microeconomics to management decision making and firm’s architectural design, with specific attention to management control, performance evaluation, rewards system, production, cost and revenue curves, optimal output levels, product and market mix, inbound and outbound logistics, government policy, framework for firms’ intervention and managing cross-cultural workforce.

BSAD 901 GOVERNMENT, BUSINESS & SOCIETY 2 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.

BSAD 902 ADVANCED QUANTITATIVE TECHNIQUES & COMPUTER APPLICATIONS 2 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/BSc. sigma six, queuing theory, statistical quality control, forecasting, inventory control, linear programming, location analysis and other topics.
MKTG 921 ADVANCED STRATEGIC MARKETING MANAGEMENT 2 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 942 LEADERSHIP, ORGANIZATIONAL BEHAVIOR AND DEVELOPMENT 2 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.

MKTG 922 CONSUMER BEHAVIOR 2 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 931 STRATEGIES IN MULTINATIONAL MARKETING 2 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 MARKETING RESEARCH 2 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     2 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     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:
5. 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.
6. To create a milieu that attracts students and faculty of high quality.
7. 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.
8. 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:

1. M.Sc. (Business Administration), 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
2. 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>
<thead>
<tr>
<th>COURSE CODE</th>
<th>COURSE TITLE</th>
<th>1ST SEMESTER</th>
<th>2ND SEMESTER</th>
<th>3RD SEMESTER</th>
<th>4TH SEMESTER</th>
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<tr>
<td>GEDS 901</td>
<td>GENERAL REQUIREMENT COURSES</td>
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<td></td>
<td>Personal and Family Wholeness</td>
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<tr>
<td>GEDS 902</td>
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<td>GEDS 912</td>
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<td>GEDS 911</td>
<td>Research Proposal Writing</td>
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<td>BSAD 921</td>
<td>Management Thought &amp; Philosophy</td>
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<td>BSAD 901</td>
<td>Government Business and Society</td>
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<td>BSAD 902</td>
<td>Advanced Quantitative Techniques &amp; Computer Applications</td>
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<td>BSAD 911</td>
<td>Financial Management</td>
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<td>BSAD 922</td>
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<td>RELF 924</td>
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<td>2</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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<tr>
<td>BSAD 904</td>
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<td></td>
<td>Elective I</td>
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<td>Elective II</td>
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NB: Candidates (specializing in business Administration options) are to choose two electives in their third semester in consultation with the HOD and or the Coordinator.

**List of Elective Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BSAD 941</td>
<td>Human Resources Management</td>
<td>2</td>
</tr>
<tr>
<td>BSAD 932</td>
<td>Leadership, Organizational Behaviour and Development</td>
<td>2</td>
</tr>
<tr>
<td>BSAD 942</td>
<td>Current Trends in International Business</td>
<td>2</td>
</tr>
<tr>
<td>BSAD 921</td>
<td>Management Thought &amp; Philosophy</td>
<td>2</td>
</tr>
<tr>
<td>BSAD 931</td>
<td>Comparative Management</td>
<td>2</td>
</tr>
<tr>
<td>MKTG 941</td>
<td>Current Trends in Petroleum Marketing</td>
<td>2</td>
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**List of Elective Courses for Management Accounting option**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ACCT 911</td>
<td>Strategic Financial Management</td>
<td>2</td>
</tr>
<tr>
<td>ACCT 912</td>
<td>Adv. Management Accounting</td>
<td>2</td>
</tr>
<tr>
<td>ACCT 926</td>
<td>Adv. Financial Accounting</td>
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</tr>
<tr>
<td>ACCT 932</td>
<td>Forensic Accounting</td>
<td>2</td>
</tr>
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<td>ACCT 942</td>
<td>Human Resources Accounting</td>
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</tr>
<tr>
<td>ACCT 931</td>
<td>Environmental Accounting</td>
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</tbody>
</table>

NB: Students whose area of specialisation is Management Accounting should take ACCT 911, 912, 926 and any one of ACCT 932, 942 & 931 (in consultation with the HOD / the Coordinator) within the first two semesters of the program.

**Graduation Requirements**

The general requirements for graduation include the following:

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
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<tr>
<td>General Requirement Courses</td>
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<tr>
<td>Cognate Courses</td>
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<tr>
<td>Thesis</td>
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<td>Elective Courses</td>
<td>10</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td><strong>40</strong></td>
</tr>
</tbody>
</table>

For students specializing in Business Administration options: **44 Credit Units**

**Course Duration**

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

Part-time: minimum of six (6) semesters and maximum of ten (10) 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, 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, 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.

BSAD 911 ADVANCED FINANCIAL MANAGEMENT  
2 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.

BSAD 912 ADVANCED MANAGERIAL ECONOMICS  
2 Credits
The application of microeconomics to management decision making and firm’s architectural design, with specific attention to management control, performance evaluation, rewards system, production, cost and revenue curves, optimal output levels, product and market mix, inbound and outbound logistics, government policy, framework for firms’ intervention and managing cross-cultural workforce.

BSAD 901 GOVERNMENT, BUSINESS & SOCIETY  
2 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.

BSAD 902  ADVANCED QUANTITATIVE TECHNIQUES & COMPUTER
APPLICATIONS  2 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 and other topics.

BSAD 922  ADVANCED STRATEGIC MGT & ENTREPRENEURSHIP  2 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  2 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 Humorahbbi, social responsibility, corporate governance, Schumpeterian view, and
poverty.

BSAD 941  HUMAN RESOURCES MANAGEMENT  2 Credits
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.

BSAD 932  LEADERSHIP, ORGANIZATIONAL BEHAVIOR AND DEVELOPMENT
2 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 942  CURRENT TRENDS IN INTERNATIONAL BUSINESS  2 Credits
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.

ACCT 952: ADVANCED MANAGEMENT ACCOUNTING  2 Credits
Management accounting at an advanced level, the accounting process and decision making roles and function of management accounting as an information system. Cost volume profit analysis, breakeven analysis and application to management functions and decisions, budgeting and budgetary controls. Profit planning, management accounting information and pricing decisions. Performance measurement and evaluation and corporate failure; the use of models in decision making; application of research and statistical and planning techniques at an advanced level e.g. linear programming, PERT, learning curve, decision tree. Current developments and emerging issues in management accounting. Case studies in these topics.

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:

1. Analyze organizational problems by using appropriate research methods and models, interpret properly the results of the analyses, and propose effective business decisions.
2. Deliver quality instructions in business administration at all the levels of learning, and create conditions for lifelong learning and improvement in the field of management, marketing, operations research, organizational behavior, and quantitative disciplines.
3. Exhibit a high personal and professional ethical standard that would reveal the character of God, in the use of business and marketing strategies in business administration.
4. Initiate scientific cooperation with other academic institutions as well as joint projects with private and public entities for development and application of business strategies.
5. Initiate, effectively carry out, and supervise academic and professional research programmes that will succinctly add value to existing knowledge on the subject matter of Marketing.
6. Contribute adequately to character formation and the holistic nature of life that underpin the Seventh-day Adventist philosophy of education.

With these extensive knowledge gained, a PhD in Marketing graduate would be able to publish articles in recognized local and international journals in his/her respective areas of specialization in Marketing Management. In addition, he/she would be able to engage his/herself in research-based Marketing Management activities needed to encourage entrepreneurship.

**Admission Requirements to the Programme**

Individuals eligible for admission into PhD programme in Marketing must satisfy the general requirements demanded by the 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.

a. 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.

b. Candidates who score between 3.00 and 3.49 on a 5-point scale or 50-54.9% in the M.Sc. Marketing or other related Master degree be admitted into the MPhil Marketing 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 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>
<th>1&lt;sup&gt;st&lt;/sup&gt; Year</th>
<th>2&lt;sup&gt;nd&lt;/sup&gt; Year</th>
<th>3&lt;sup&gt;rd&lt;/sup&gt; Year</th>
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<td>GEDS 901</td>
<td>Personal and Family Wholeness</td>
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<tr>
<td>GEDS 902</td>
<td>Advanced Statistics</td>
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<td>GEDS 912</td>
<td>Advanced Research Design</td>
<td>2</td>
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<tr>
<td>GEDS 911</td>
<td>Research Proposal Writing</td>
<td>2</td>
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<td><strong>Total for Foundational Courses: 8 credits</strong></td>
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<td>MKTG 901</td>
<td>Development of Marketing Thought &amp; Theory</td>
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<tr>
<td>BSAD 901</td>
<td>Government, Business &amp; Society</td>
<td>2</td>
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<td>BSAD 902</td>
<td>Advanced Quantitative Techniques &amp; Computer Applications</td>
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<td>Advanced Managerial Economics</td>
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<td>MKTG 904</td>
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<td>MKTG 905</td>
<td>Doctoral Seminar in issues and trends in Multinational Marketing</td>
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<td>MKTG 906</td>
<td>Seminar in Trends and issues in Consumer Behavior</td>
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**NB:** Candidates in consultation with the Departmental Head or PG Coordinator are to pick two elective courses each in their third and fourth semesters.

**List of Specialization Courses Available**

- MKTG 921 Advanced Strategic Marketing Management 2 credits
- MKTG 922 Advanced Consumer Behaviour 2 credits
- MKTG 931 Strategies in Multinational Marketing 2 credits
In summary, the four (4) foundations courses are already available, as these are shared by all Babcock University PhD programmes. The remaining courses are new courses, and are distributed as follows: There are eight (8) core courses in the programme, including the two (2) “courses” represented by the doctoral thesis. The programme includes eight (8) specialization courses comprised of doctoral seminars and elective courses, which are chosen from a pool of six (6) courses.

These course credits are distributed in the following manner:

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<tr>
<th>Year</th>
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<td>3rd Year</td>
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**Graduation Requirements**

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<th>Credit Units</th>
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<tr>
<td>Core Courses</td>
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<tr>
<td>Thesis</td>
<td>16</td>
</tr>
<tr>
<td>Specialization Courses</td>
<td>20</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>58</strong></td>
</tr>
</tbody>
</table>

**Course Duration**

- Full-time: minimum of six (6) semesters and maximum of ten (10) semesters.
- Part-time: minimum of eight (8) semesters and maximum of twelve (12) semesters.

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

**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 center 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, 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.

**BSAD 911  ADVANCED FINANCIAL MANAGEMENT  2 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. The administration of risk management, financial analysis and projection, investment analysis, and international aspects of financial management.

**MKTG 903  SEMINARS 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  SEMINARS 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.

**BSAD 912  ADVANCED MANAGERIAL ECONOMICS  2 Credits**
The application of microeconomics to management decision making and firm’s architectural design, with specific attention to management control, performance evaluation, rewards system, production, cost and revenue curves, optimal output levels, product and market mix, inbound and outbound logistics, government policy, framework for firms’ intervention and managing cross-cultural workforce.

**BSAD 901  GOVERNMENT, BUSINESS & SOCIETY  2 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.

**MKTG 912  ADVANCED QUANTITATIVE TECHNIQUES & COMPUTER APPLICATIONS FOR MARKETERS  2 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/BSc. sigma six, queuing theory, statistical quality control, forecasting, inventory control, linear programming, location analysis and other topics.
MKTG 921 ADVANCED STRATEGIC MARKETING MANAGEMENT 2 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 942 LEADERSHIP, ORGANIZATIONAL BEHAVIOR AND DEVELOPMENT 2 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.

MKTG 922 CONSUMER BEHAVIOR 2 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 2 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 2 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  MARKETING RESEARCH  2 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  2 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  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  12 Credits
Independent study of a marketing topic approved by the department under the supervision of a lecturer in the department

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:

1. Analyze organizational problems by using appropriate research methods and models, interpret properly the results of the analyses, and propose effective business decisions.
2. Deliver quality instructions in business administration at all the levels of learning, and create conditions for lifelong learning and improvement in the field of management, marketing, operations research, organizational behavior, and quantitative disciplines.
3. Exhibit a high personal and professional ethical standard that would reveal the character of God, in the use of business and marketing strategies in business administration.

4. Initiate scientific cooperation with other academic institutions as well as joint projects with private and public entities for development and application of business strategies.

5. Initiate, effectively carry out, and supervise academic and professional research programmes that will succinctly add value to existing knowledge on the subject matter of Business Administration.

6. Contribute adequately to character formation and the holistic nature of life that underpin the Seventh-day Adventist philosophy of education.

With these extensive knowledge gained, a PhD in Business Administration graduate would be able to publish articles in recognized local and international journals in his/her respective areas of specialization in Business Administration. In addition, he/she would be able to engage 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.

a. 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.

b. 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.

Coursework for the PhD shall amount to 44 credits, and the thesis shall amount to 16 credits, for a total of 60 credits. The minimum CGPA for graduation shall be 4.0 on a 5-point scale.

The programme of studies for the PhD in Business Administration appears in the following table:

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DOCTOR OF PHILOSOPHY (PhD) BUSINESS ADMINISTRATION COURSES

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<tr>
<th>Course Code</th>
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<th>3rd Year</th>
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<td>GEDS 901</td>
<td>Personal and Family Wholeness</td>
<td>2</td>
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<tr>
<td>GEDS 902</td>
<td>Advanced Statistics</td>
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<td>GEDS 912</td>
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<td>GEDS 911</td>
<td>Research Proposal Writing</td>
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Total for Foundational Courses: 8 credits

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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<th>2nd Year</th>
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<td>BSAD 921</td>
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Total for Core Courses: 32 credits
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**NB:** Candidates in consultation with the Departmental Head or PG Coordinator are to pick two elective courses each in their third and fourth semesters.

**List of Specialization Courses (Business Administration options)**

BSAD 941  Human Resources Management  2 credits
BSAD 932  Leadership, Organizational Behaviour and Development  2 credits
BSAD 942  Current Trends in International Business  2 credits
BSAD 931  Comparative Management  2 credits

In summary, the four (4) foundations courses are already available, as these are shared by all Babcock University PhD programmes. The remaining courses are new courses, and are distributed as follows: There are eight (8) core courses in the programme, including the two (2) “courses” represented by the doctoral thesis. The programme includes eight (8) specialization courses comprised of doctoral seminars and elective courses, which are chosen from a pool of six (6) courses.

**List of Elective Courses for Management Accounting option**

ACCT 911  Strategic Financial Management  2 credits
ACCT 912  Adv. Management Accounting  2 credits
ACCT 926  Adv. Financial Accounting  2 credits
ACCT 932  Forensic Accounting  2 credits
ACCT 942  Human Resources Accounting  2 credits
ACCT 931  Environmental Accounting  2 credits

**NB:** Students whose area of specialisation in Management Accounting should take ACCT 911, 912, 926 and any one of ACCT 932, 942 & 931 (in consultation with the HOD / the Coordinator) within the first two semesters of the program.

**Graduation Requirements**

These course credits are distributed in the following manner:

- 1st Year  22 Credits
- 2nd Year  20 Credits
- 3rd Year  16 Credits
- Total  58 Credits
Graduation Requirements
Foundational Courses    8 Credit Units
Core Courses    14 Credit Units
Thesis     16 Credit Units
Specialization Courses 20 Credit Units

TOTAL   58 Credit Units (Business Administration Options)
58 Credit Units (Management Accounting Option)

Course Duration
Full-time: minimum of six (6) semesters and maximum of ten (10) semesters.
Part-time: minimum of eight (8) semesters and maximum of twelve (12) semesters.

DOCTOR OF PHILOSOPHY (PhD) BUSINESS ADMINISTRATION COURSES

BSAD 901  Government, Business & Society   2 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.

BASD 902  Advanced Quantitative Techniques and Computer Applications 2 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, sigma six, queuing theory, statistical quality control, forecasting, inventory control, linear programming, location analysis and other topics.

BSAD 903  Doctoral Seminar in Current Trends in Human Resource Accounting   3 Credits
In this doctoral seminar, the student is expected to research specific topics in the area of human resource accounting, under the guidance of a faculty member. The student will then present their findings in formal papers, and discuss these with the class at least three times during the course. This work will be discussed and critiqued by the lecturer and the other students in the course. The course will highlight biblical perspectives of hard work, transparency and faithfulness in stewardship at the workplace.
BSAD 904  Doctoral Seminar in Issues in Corporate Governance 3 Credits
In this doctoral seminar, the student is expected to research specific topics in the area of Corporate Governance, under the guidance of a faculty member. The student will then present their findings in formal papers, and discuss these with the class at least three times during the course. The course will emphasize need for ethical and moral aspect of upholding due process in the workplace. This work will be discussed and critiqued by the lecturer and the other students in the course.

BSAD 905  Doctoral Seminar in Issues and Trends in International Business 3 Credits
In this doctoral seminar, the student is expected to research specific topics in the area of International Business, under the guidance of a faculty member. The student will then present their findings in formal papers, and discuss these with the class at least three times during the course. The course will promote biblical values of fairness in dealing with people of other nations since we are all of one blood going by the bible. This work will be discussed and critiqued by the lecturer and the other students in the course.

BSAD 906  Doctoral Seminar in Trends and issues in Business Administration 3 Credits
The seminar at this stage focused on trends and issues in Business Administration, under the guidance of a faculty member. The student will then present their findings in formal papers, and discuss these with the class at least three times during the course. The course will emphasize need for ethical and moral aspect of upholding due process in the workplace. This work will be discussed and critiqued by the lecturer and the other students in the course.

BSAD 911  Financial Management 2 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 912  Advanced Managerial Economics 2 Credits
The application of microeconomics to management decision making and firm’s architectural design, with specific attention to management control, performance evaluation, rewards system, production, cost and revenue curves, optimal output levels, product and market mix, inbound and outbound logistics, government policy, framework for firms’ intervention and managing cross-cultural workforce. The course will also highlight the importance of records keeping and faithfulness attribute required of stewards from biblical perspectives.

BSAD 921  Management Thought and Philosophy 2 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 2 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 Comparative Management 2 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 2 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 Human Resources Management 2 Credits**
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 2 Credits**
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 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.

**BSAD 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.

**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 905  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, leaner 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.
GEDS 913 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.

RELFF 924 Religion and Financial Management  
2 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.

FACULTY RECORDS

<table>
<thead>
<tr>
<th>NAME</th>
<th>AREA OF SPECIALIZATION</th>
<th>DISCIPLINE</th>
<th>QUALIFICATION</th>
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<tbody>
<tr>
<td>ADEBOLA S. A.</td>
<td>Quantitative Analysis</td>
<td>Management</td>
<td>PhD</td>
<td>Professor</td>
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<tr>
<td>AFOLABI G. K.</td>
<td>Research Methodology</td>
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<td>PhD</td>
<td>Professor</td>
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<tr>
<td>SANDA A.O.</td>
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<td>Management</td>
<td>PhD</td>
<td>Professor</td>
</tr>
<tr>
<td>OGBONN A.C.</td>
<td>Project Management</td>
<td>Management</td>
<td>PhD</td>
<td>Professor</td>
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<td>ASIKHIA O.U</td>
<td>Marketing</td>
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<td>PhD</td>
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<td>UMUKORO F.G.</td>
<td>Strategic Management</td>
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<td>Assoc. Prof.</td>
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<td>ODUYOYE O.O.</td>
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ADJUNCT STAFF

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<td>NWORJI I.D</td>
<td>Taxation&amp; Fiscal Policy/Law</td>
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<td>ENYI E.P.</td>
<td>Forensic Accounting/Info Tech</td>
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<td>DIDIA P.O.</td>
<td>Managerial Economics</td>
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<td>ENAHORO J.O.</td>
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<td>ADELEKE</td>
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<td>OGUNTUNJI</td>
<td>Economics</td>
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**NON ACADEMIC STAFF**

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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
### POST GRADUATE DIPLOMA

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<td>GEDS 701</td>
<td>Religion &amp; society</td>
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<td>GEDS 702</td>
<td>Statistics</td>
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<td>GEDS 711</td>
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<td>FNCE 731</td>
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<td>FNCE 751</td>
<td>Project Evaluation Analysis</td>
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<td>FNCE 761</td>
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<td>FNCE 771</td>
<td>Marketing of Financial Services</td>
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<td>FNCE 722</td>
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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 viewpoint 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.
The philosophy of Master of Science in Finance Program is to provide an opportunity for graduates who are interested in taking higher degrees in Finance. The M.Sc. students will have the opportunity to develop their intellect through theory, practice and the integration of faith-based, values and learning in Finance with current trends in Scholarship. Thus, the intention is to produce for the Nigerian and the World at large, a reliable economy and financial base characterized diligence man-power that is evidenced by enquiry, independence and integrity. Such men and women will contribute significantly to modelling, reforming and transforming both the Nigerian and the World Financial System.

Objectives
- To train professional and academia financial experts.
- 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 from a Christian perspective.

Master of Science in Finance (M.Sc.) Areas of Specialization:
1. Corporate Sector Finance (CSF)
2. International Finance (IF)
3. Personal Finance (PF)

a) Admission Requirements: Every candidate will be required to satisfy the regulation governing Postgraduate Studies at Babcock University. However, the following are specific: Candidates must have a minimum of Second Class Lower Division in Finance, Economics, Accounting, Business Administration, Marketing, Insurance, Actuary Science or other 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, Actuary Science from Babcock University or any other recognized University may apply.

b) Graduation Requirements: Before graduation, M.Sc. FINANCE candidates must pass a minimum of 31 units of coursework and defend a research thesis (6 units) in a minimum of 3 semesters. The minimum of 37 credits (units) is required for the completion of the Program.

Programme Options

There are two programme options for students enrolling in the program, namely: (i) Thesis cum Emphasis Option and (ii) Non-Emphasis Option.

(i) Thesis cum Emphasis (Specialized) Option (TEO):
The thesis cum specialized program option affords students a wider exposure to the subjects of finance. The student in this option will satisfactorily complete 46 credits in total. This includes 4 credits GEDS courses, 30 credits core courses requirement (with thesis writing), and 12 credits specialized elective courses. Candidates at the completion of the program would be versatile enough and would qualify as both academic and professional in his or her area of specialization.

(ii) Non-Emphasis (Specialized) Option (NEO):
The non-specialized program option is considered general in nature as candidates choose not to specialize in any area of finance, as offered by the SPGS. The candidate in this option will complete a total of 37 credits minimum requirement for the master degree program as stated by National Universities Commission (NUC). This include 4 credits GEDS courses, 30 credits core courses (with thesis writing), and any 3 credits electives courses.

**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 be required 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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<tbody>
<tr>
<td></td>
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<td>YEAR 1</td>
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<tr>
<td>GENERAL EDUCATION REQUIREMENT</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>
<td>2</td>
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<tr>
<td>CORE COURSES</td>
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</tr>
<tr>
<td>FNCE 821</td>
<td>Financial Management and Policy</td>
<td>3</td>
</tr>
<tr>
<td>FNCE 822</td>
<td>Security and Portfolio Analysis</td>
<td>3</td>
</tr>
<tr>
<td>FNCE 823</td>
<td>Advanced Financial Accounting</td>
<td>3</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>
</tr>
<tr>
<td>FNCE 825</td>
<td>Financial Economics</td>
<td>3</td>
</tr>
<tr>
<td>FNCE 828</td>
<td>Quantitative Analysis in Finance</td>
<td>3</td>
</tr>
<tr>
<td>FNCE 896</td>
<td>Research Methods for Finance</td>
<td>3</td>
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<tr>
<td>FNCE 897</td>
<td>Seminar in Finance I</td>
<td>*S/U</td>
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<tr>
<td>FNCE 898</td>
<td>Seminar in Finance II</td>
<td>*S/U</td>
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<tr>
<td>FNCE 899</td>
<td>Thesis Writing</td>
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<td>CORPORATE SECTOR FINANCE EMPHASIS</td>
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<tr>
<td>FNCE 835</td>
<td>Corporate Finance</td>
<td>3</td>
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<tr>
<td>FNCE 836</td>
<td>Theory of Financial Market and Intermediation</td>
<td>3</td>
</tr>
<tr>
<td>FNCE 838</td>
<td>Tax Planning and Administration</td>
<td>3</td>
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<tr>
<td>Plus any one of the specialized elective course</td>
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**Course Requirement Continue**

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<thead>
<tr>
<th>Course Code</th>
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<td><strong>1&lt;sup&gt;ST&lt;/sup&gt;</strong></td>
<td><strong>2&lt;sup&gt;ND&lt;/sup&gt;</strong></td>
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<tr>
<td>FNCE 842</td>
<td>Management of Financial Institutions</td>
<td>3</td>
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<tr>
<td>FNCE 841</td>
<td>International Business Finance</td>
<td>3</td>
</tr>
<tr>
<td>FNCE 844</td>
<td>International Banking Systems</td>
<td>3</td>
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<tr>
<td></td>
<td><strong>Plus any one of the specialized elective course</strong></td>
<td>3</td>
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</tbody>
</table>

**INTERNATIONAL FINANCE EMPHASIS**

| FNCE 862    | Personal Finance                                 | 3        |
| FNCE 861    | Money Management                                 | 3        |
| FNCE 864    | Entrepreneurship                                 | 3        |
|             | **Plus any one of the specialized elective course**| 3        |

**PERSONAL FINANCE EMPHASIS**

| FNCE 881    | Small Businesses and Agric Finance               | 3        |
| FNCE 883    | Project Planning and Evaluation                  | 3        |
| FNCE 885    | Special Topics in Auditing                       | 3        |

**SPECIALIZED/PROFESSIONAL ELECTIVES**

(Optional: at least 1 courses – 3 credits)

| FNCE 841    | Management of Financial Institutions              | 3        |
| FNCE 844    | International Banking Systems                     | 3        |

**NOTES:**

(i) Students on non-specialized option can take courses under any of the specialization for electives option(s).

(ii) Special request for any specialized or professional electives course should be done through the Program Coordinator, 3 months before the date of the expected course offering.

*S/U: Satisfactory or Unsatisfactory*
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 821 FINANCIAL MANAGEMENT AND POLICY
3 Credits
Emphasizes basic concepts and analytical tools for financial decision making and in understanding the market environment in which firms operate. Possible topics include the concept of organizational goals and the selection and preparation of information essential to financial planning and control of firm’s separations such as cost estimation and analysis, cost-volume-profit analysis, budgeting and budgetary control, variance analysis and cost.

FNCE 822 SECURITY AND PORTFOLIO ANALYSIS
3 Credits
Security and Portfolio Analysis is a higher level of the course Investment Analysis and Portfolio Management, which looks at Investment decision rules and Methods, forms, objectives and choice between alternative investment projects, Properties of alternative investment criteria, Risk and Uncertainty, their Measurements an implications for investment and decision-making, Investments advise and portfolio management strategy and contemporary issues in investment world.

FNCE 823 ADVANCED FINANCIAL ACCOUNTING
3 Credits
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 corporate operation are discussed.
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 825  FINANCIAL ECONOMICS  
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.

FNCE 828  QUANTITATIVE ANALYSIS IN FINANCE  
3 Credits  
The contents of this include the following: Set Theory and Application to Economic, Linear Models in Economic Analysis, Applications of Matrix Algebra to Economic Problems, Comparative Statistics and Optimization problems in economics, Dynamics Analysis and its applications, Linear and Non-Linear programming applications in economics, Constrained optimization Techniques, Differential and integral calculus applications in economics, Market Models with price expectations, Activity Analysis-Micro and Macro levels, Kuhn-Tuckler Sufficiency Theorem and applications, Arrow-Enthoven Sufficiency Theorem and applications to economic problems, Estimation of Single Equation Models.

FNCE 835  CORPORATE FINANCE  
3 Credits  
The course deals with the nature of the firm and corporate objectives, implications of the firm’s goal for choice among alternative investment projects (the capital budgeting problem), analysis and illustration with problems of alternative investment criteria, alternative approaches to cost of money capital, analysis of the effects of financial structure and dividend policy on the value of the firm and the cost of capital. The course also analyzes financial problems corporations face that result from operating in a market environment. Major topics covered are corporate strategy and the decision to invest, forecasting exchange rates, portfolio diversification, managing exchange risk, taxation issues, cost of capital and financial structure in the multinational firm, and sources of financing. Discussion of corporate financial problems e.g. leasing, mergers, and issuance of new securities are also induced.

FNCE 836  THEORY OF FINANCIAL MARKET AND INTERMEDIATION  
3 Credits
This course analyses financial markets conceptually and theoretically, emphasizing the role, structure, and activities of financial intermediaries. The dynamic pattern of financial flows is analyzed by flow of funds and the users of funds are examined, as are models of the process of financial intermediation and the theory of the banking firm. The crucial role of the interest rate mechanism, and the structure of interest rate differentials are analyzed extensively. The nature of economic and regulatory policy and its impact on market and institutions is emphasized. A detailed analysis of the theory of the banking firm will be attempted.

**FNCE 838 TAX PLANNING AND ADMINISTRATION**

3 Credits

The complexity and comprehensiveness of the taxation system demands that tax considerations must be taken into account in most business decisions. An understanding of the structure of the tax system and of the policy factors that guide legislators is essential to professional business advisors. This subject concentrates on income taxation in Nigeria. Topics include: concepts of income; allowable deductions; tax accounting; taxation of partnerships, trusts and corporations; anti-avoidance provisions; tax administration; capital gains tax; fringe benefits tax. Also, the 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 shall be discussed.

**FNCE 842 MANAGEMENT OF FINANCIAL INSTITUTIONS**

3 Credits

This course is concerned with the management of the major financial institutions, especially commercial banks, insurance companies, merchant banks, mortgage financial institutions and other financial intermediaries. The learners are introduced to the structure of financial institutions, internationally and their governance. The process of decision-making as regards the goal of maximizing return on assets, subject to the constraint of funds, the maintenance of solvency, adequacy of capital investment and the satisfaction of capital requirement of regulatory authorities. The consideration of managing risks associated with the operation of the financial institutions. Analysis of various issues and problems common in financial institutions, the competition for funds, assets and liability management, credit analysis, the problem of capital management, marketing of financial services, the measurement of performance and the reconciliation of profit objectives with public relations and social obligations.

**FNCE 841 INTERNATIONAL BUSINESS FINANCE**

3 Credits

This course enables students to know the important of finance and the role of the financial manager in any organization. It considers the important of funds, and the main sources of funds to business entity. In this course, students will be introduced to how the financial manager makes investment decision under certainty and uncertainty, financing decision and other key decision areas in finance. Also, the course will integrate management decision processes to the following areas of business finance: (1) Time Value of Money, Risk, Valuation, Cost of Capital, Capital Structure; (2) Capital Budgeting; (3) Long-Term Financing Decisions; (4) Working Capital Policy and Management; (5) Financial Analysis and Planning; (6) Special topics including; Mergers, Bankruptcy, and International Finance.

**FNCE 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, asset-liability management, loan portfolio management, and related topics. This course unit covers the concept of money and money stock, financial instruments, modern banking systems, key features of international money flows, developments in the money sector, monetary policy, commercial and investment banking, bank risks and bank regulation. Also, the course deals with banking theory & practice, evolution and emerging trends in banking and financial markets, the role of Central Bank and other regulatory agencies, front office operations, bank payments media, audit and internal control systems, financial management, compliance and reporting, operational planning, Management Information Systems (ICT & Business Processes), products and services: deposits, credits, asset & liability management, trade finance; and Asset Finance.

**FNCE 862 PERSONAL FINANCE**
3 Credits

Personal Finance is a course designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets; simulate use of checking and saving accounts; demonstrate knowledge of finance, debt, and credit management; and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions. Sources of personal income, saving and consumer spending patterns, development of techniques for planning and budgeting consumption expenditures and saving, with special emphasis on the use of saving allocations to achieve personal goals; real property, insurance, financial investment, retirement, estate and tax planning are taught. The co-curricular student organization will provide students with opportunities for leadership development, personal growth, and school/community involvement.

**FNCE 861 MONEY MANAGEMENT**
3 Credits

This course prepares students to understand the values, needs, wants, goals, and resources that enable people to make wise decisions that contribute to a family’s financial stability and improve the quality of life. Financial resource management, including consumer rights and responsibilities are discussed. The successful management of financial assets, be they of an individual, a small business or a large corporation demands a knowledge of financial markets, how they operate, what instruments and investment vehicles are available, and what macro-economic forces are acting upon them. This module is designed to provide you with a broad understanding of financial markets (as distinct from a narrow specialist approach) but with sufficient details of their many components so that you may make your own investment decisions and interact with your specialist advisers. Particular attention will be given to portfolio composition and management through ETF (Exchange Traded Funds), Mutual Funds and other innovative vehicles like structured products. At the end of the course, students will be able to handle financial analysis planning and management for the individual, be knowledgeable in topics that include owning and financing a home, minimizing taxes, investing goals and strategies, budgeting to match income and expenses, developing a savings plan, controlling expenses and credit usage, determining life, health, home and auto insurance needs, planning retirement.
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 881 SMALL BUSINESSES AND AGRIC FINANCE
3 Credits
Emphasis is on the financial management problems of small business and the agric business in the economy. The course discusses the acquisition and use of capital by small businesses and in agriculture. The supply and demand for funds in this sector of the economy are extensively discussed. Financial analysis relating to income, repayment of capital and risk management leasing and other contractual arrangement are examined. The role of agricultural and small business credit institutions and the environment in which they operate are analyzed.

FNCE 883 PROJECT PLANNING AND EVALUATION
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 885  SPECIAL TOPICS IN AUDITING
   3 Credits
This course develops an understanding and appreciation of the philosophy of the auditing process and the role of internal and external auditing in an organization. The concepts of risk and control, evidence and documentation are considered. The operational approach of the internal auditor is contrasted with the attestation focus of the external auditor. Critical thinking and communication skills are developed through a variety of means including case analyses, presentations, seminar-type discussions, preparation of a group and individual case papers, research of authoritative literature and use information technology tools.

FNCE 896  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.

FNCE 897  SEMINAR IN FINANCE I
   S/U
This is an independent study of a finance topic chosen by the student under the supervision of a lecturer in the department. The student is expected to have a clear set of goals and priorities that results from maintain an outcome orientation.

FNCE 898  SEMINAR IN FINANCE II
   S/U
This is also an independent study of a finance topic chosen by the student under the supervision of a lecturer in the department. This study occupies a higher echelon than FNCE 897. 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 lecturers and the other students before the final presentation is made.

FNCE 899  THESIS WRITING
   6 Credits
Students will be required to produce a supervised thesis on an empirical Case Study. This thesis will be defended before the Postgraduate Board or its Appointees.
Master of Information Resources Management (M.IRM)

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 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 the 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. **Full-time 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. **Part-time**
Candidates may be admitted to part-time 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 course work 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 36 units on the whole. They will also conduct and successfully defend a thesis valued at 6 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.
# Programme Description (Detailed Analysis)

<table>
<thead>
<tr>
<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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<tr>
<td>GEDS 802</td>
<td>Statistics</td>
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<td>IRMA 801</td>
<td>Foundations of the Information Professions</td>
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<td>IRMA 811</td>
<td>Principles &amp; Practices of Information Resources Management</td>
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<td>IRMA 821</td>
<td>Organization of Information</td>
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<td>IRMA 831</td>
<td>Collection Management</td>
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<td>Organizational Informatics</td>
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<td>IRMA 852</td>
<td>Entrepreneurship in the Information Industry</td>
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<td>IRMA 899</td>
<td>Dissertation</td>
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<td>IRMA 841</td>
<td>Knowledge Management for Information Professionals</td>
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<td>IRMA 851</td>
<td>Research Methods in Information Resources Management</td>
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<td>IRMA 862</td>
<td>Archives and Records Management: Principles &amp; Practices</td>
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<td>IRMA 872</td>
<td>Seminar (Issues and Themes in Information Resources Mgt)</td>
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<td>IRMA 882</td>
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<td>IRMA 892</td>
<td>Information Ethics and Policy</td>
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</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>1&lt;sup&gt;st&lt;/sup&gt; Sem</th>
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<tbody>
<tr>
<td>MLIS 871</td>
<td>Managing Libraries and Information Services in changing environments</td>
<td>(2)</td>
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<tr>
<td>MLIS 881</td>
<td>Information Systems and Technologies</td>
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<tr>
<td>MLIS 891</td>
<td>Digital Libraries</td>
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<td>MLIS 852</td>
<td>Government Libraries</td>
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<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>
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<td>MLIS 882</td>
<td>Web Publishing and Design</td>
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<td>MBIM 871</td>
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<td>Telecommunications and Networking</td>
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<td>IIRM 872</td>
<td>Data Warehousing and Data mining</td>
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<td>IIRM 882</td>
<td>Information technology strategy and policy</td>
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<td>Publishing Law, Contracts and Rights</td>
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<td>Publishing Practice</td>
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<td>MPS 872</td>
<td>Journal and Periodical Publishing</td>
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### COURSE DESCRIPTION

**IRM 801: FOUNDATIONS OF THE INFORMATION PROFESSIONS**  (2 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 811: PRINCIPLES AND PRACTICES OF INFORMATION RESOURCES MANAGEMENT**  (3 credits)
Principles of Information Resources Management and the role these principles play in the overall management of organizations and their information resources. Topical issues are: Information Resources, types of information, value of information, information processing techniques, information processing personnel.

**IRMA 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 831: COLLECTION MANAGEMENT**  (2 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 842 : ORGANIZATIONAL INFORMATICS**  (2 credits)
Introduces information technology and social behaviour in the organizational context. Concepts of organizational theory, organizational behaviour, knowledge and information management and organizational intelligence provide a critical foundation for managing information, people and information and communication technologies in rapidly changing and dynamic environments.
IRMA 852: ENTREPRENEURSHIP IN THE INFORMATION INDUSTRY  (2 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)

IRMA 851: QUANTITATIVE AND 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 862: ARCHIVES 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 (eg 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 872: SEMINAR (ISSUES AND THEMES IN INFORMATION RESOURCES MANAGEMENT  
(S/U)
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
IRMA 892: INFORMATION ETHICS AND POLICY (2 credits)
Overview of ethical theories and how they inform agency policies and practices, examines selected policy issues relating to information and communication, includes topics such as intellectual property, privacy censorship, equity of access, freedom of information, human rights, e-government.

SPECIALIZATIONS

A. LIBRARY AND INFORMATION STUDIES SPECIALISATION

MLIS 871: MANAGING LIBRARIES AND INFORMATION SERVICES IN CHANGING ENVIRONMENTS (2 credits)
Topics relevant to library management of public, academic and special libraries, management theories, strategic planning, fiscal management, professional association, HR/personnel, project management, licensing, facilities management, assessment.

MLIS 881: INFORMATION SYSTEMS AND TECHNOLOGIES (2 credits)
Key applications of information technologies in libraries, networking and internet applications, implications of future technological development on libraries, web page authoring, use of internet and networks to deliver library services, graphics and multimedia applications. Types of Input/Operating Systems, Data Processing, Transmission, output devices, social Impact, Computer Architecture, Digital and Analog Computers.

MLIS 891: DIGITAL LIBRARIES (2 credits)
Research, development and evaluation issues in digital libraries, including collection development and digitization, provision of access to multimedia materials, access strategies and interface, metadata and interoperability, and the implications of digital libraries, with respect to policy and social issues.

MLIS 852: GOVERNMENT LIBRARIES (2 credits)
Approaches to the organization and administration of college and university libraries. Current and future trends in higher and further education and in their library and information services. The role of the library and its integration into the academic life of the institution. Managing printed and electronic resources to support teaching, learning and research. The electronic library. Academic library websites. Electronic resources and licensing issues, subject and institutional portals. Institutional repositories, service provision, services for different types of users (students, researchers, academic and non-academic staff). Key management issues in academic library management.
Accessing and managing the key types of government information, including Nigerian legislation, key challenges within their area such as knowledge management for government information services and the skills required and roles undertaken by information professionals in the environment. Standards and best practices in government website design, accessibility and usability, collection management, archiving and user education.
MLIS 862: INFORMATION USE AND USERS (2 credits)

Special aspects of user services, publics served, skills in service and service models involved. May include topics on information referral, digital reference, literacy services, services to the elderly, services to underserved populations and non-traditional users. May also include survey of information needs, information seeking behaviour and information use by people in their various roles, situations and contexts. Methods that are used to study information needs, uses and information seeking behaviour, including community analysis.

MLIS 872: LEGAL ASPECTS OF INFORMATION (2 credits)

Review of copyright, patent, legal deposit, newspaper, archives, libraries and museum legislation, censorship, statues of limitation; privacy and confidentiality laws; Laws of defamation, Freedom of information.

MLIS 882: WEB PUBLISHING AND DESIGN (2 credits)

HTML; Introduction to SGM; Internet and web design-practical hands-on; Digital libraries, Virtual Libraries; Introduction to Multimedia; hypermedia, and polymedia; hands on practical, submission of project.

B. BUSINESS INFORMATION MANAGEMENT SPECIALISATION

MBIM 871: BUSINESS INFORMATION RESOURCES AND STRATEGIC MANAGEMENT (2 credits)

Examination of business and economics fields; their literature and research. Collection development and services, general reference sources, statistical, bibliographic, government documents, periodicals, associations etc in print and electronic forms and techniques for using them. Discussions of specific client groups, ethics, management and current issues. Sorting out business – critical information out of enormous quantities of available data. Professional handling of knowledge and facts for strategic business decision making.

MBIM 881: BUSINESS INTELLIGENCE (2 credits)


MBIM 891: MANAGING INFORMATION SYSTEMS PROJECT (2 credits)

General systems theory; characteristics of systems; systems relationships, classification of systems; cybernetic control; communication theory; basic requirements of Management Information Systems (MIS); retrieval and privacy of information, data relating to business operations; planning information; control information; establishing the information needs of management; the approach to the development of MLS; corporate in adviser; the approach to improving the flow of information in a business; the posts and benefits of information;
information and the level of management; information related to the type of business; use of computers in management of information systems.

**MBIM 852: CONSULTANCY AND PROJECT MANAGEMENT** (2 credits)
To successfully apply the insights from the Information Strategy and Business Applications courses, it is crucial you have a deep knowledge and understanding of the consultancy process and project management. Through working in multicultural teams, this course will provide you with the right project management tools and techniques to help your team execute business projects successfully.

**MBIM 862: MANAGING INFORMATION RESOURCES** (2 credits)
As a graduate, you will probably be confronted with the decision processes a chief information officer (CIO) faces today. This requires understanding topics such as: managing the IT infrastructure, IT outsourcing, and offshore outsourcing in a global context. In this course, you will develop a deeper understanding of these subject areas as well as the centralized/decentralized role of the IT department, managing security, privacy, and identity in global companies.

**MBIM 872: CORPORATE AND SPECIALIZED INFORMATION SERVICES** (2 credits)
Corporate, fee based and specialized information services with emphasis on client-centered systems in the commercial sector. Examines evolving role of special librarians with associating information services with particular requirements of organizations. Supervised field visit

**MBIM 893: MARKETING CONCEPTS AND TECHNOLOGIES FOR IRM PROFESSIONALS** (2 credits)
Marketing and management, the librarian and the information professional, marketing and the quality revolution, marketing strategies; product, promotion and public relations; market segmentation; marketing in the digital age; corporate identity and corporate image.

**C. KNOWLEDGE MANAGEMENT SPECIALISATION**

**MKM 871: LEVERAGING INTELLECTUAL RESOURCES IN KNOWLEDGE MANAGEMENT** (2 credits)
Analysis of the intellectual and knowledge-based assets of an organization as key drivers of the new economy. Role of the Chief knowledge Officer in creating, exploiting and managing knowledge in an organization, human aspects of knowledge management such as the role of communities of practice in transferring tacit knowledge into explicit knowledge and the types of organizational values needed to support information sharing and collaboration. Strategies to measure the contribution of knowledge to meeting organizational mission objectives. Technological dimensions of knowledge management e.g portals etc.
MKM 881: KNOWLEDGE MANAGEMENT TOOLS/TECHNOLOGIES  (2 credits)
Frameworks for study of KM tools. Assessing organizational and technological readiness. Developing a KM, infrastructure and architecture. Selection revaluation of knowledge management tools including content management, business intelligence, search engines, intelligence agents, mind mapping and idea processors, taxonomy builders, enterprise knowledge portals, collaboration and learning systems, Trends and future directions of KM and future directions of KM technologies

MKM 891: KNOWLEDGE MANAGEMENT STRATEGIES  (2 credits)
Definition and development of knowledge strategies for creating organizational knowledge. Determining the value of knowledge and innovation. Effective management of knowledge assets, creating an expertise locator or knowledge index, conducting a knowledge audit, good practices, repositories issues and challenges for knowledge economies and enterprises, micro and macro KM case studies.

MKM 852: KNOWLEDGE MANAGEMENT SYSTEMS  (2 credits)
Survey of KM systems that enable the access and coordination of knowledge assets, including intranets, groupware, weblogs, instant messaging, content management systems, and e-mail in both individual and organizational contexts

MKM 862: MANAGING KNOWLEDGE AND INNOVATION  (2 credits)
Following on the subjects taught in the previous core courses, we will focus on knowledge management and knowledge-sharing platforms for international businesses and organizations. Managing innovation is the other topic in which you will develop insights during this course. In this course, you will learn how firms are trying to make this transition to open innovation. Emphasis is placed on knowledge sharing, collaboration, innovative networks, and new competition (open source development).

MKM 872: INTELLECTUAL CAPITAL MANAGEMENT
Understanding the strategic role of intellectual assets, how individual communities and organizations can identify their knowledge experience, expertise and innovations more systematically to create value for the organization. Emphasis is placed on understanding the links between individuals and the organization in the sharing of intellectual assets.

MKM 882: COMMUNITIES OF PRACTICE  (2 credits)
Stages in the development of informal knowledge sharing groups and the roles and responsibilities of information professionals are examined. Focus is on the analysis of knowledge flow, knowledge creation and dissemination within and between different networks of knowledge.

D. RECORDS AND ARCHIVES MANAGEMENT SPECIALISATION
MRAM 871: RECORDS AND ARCHIVAL SYSTEMS  (2 credits)
Fundamental role of records and archives in organizations and society. Theories and models relating to record keeping and archiving and their application. Specification of record keeping requirements relating to the creation, management and accessibility of records as evidence of
social and organizational activity in a range of business and social contexts. Development of appraisal and meta data management programmes in relation to contemporary and historical record keeping systems including electronic record keeping systems. Appraisal and metadata management policies, strategies, tactics and tools with reference to international and national standards and best practice. Oral history, user education relating to Archives Exhibitions, Acquisitions policy, Environmental Hazards.

MRAM 881: ELECTRONICS RECORDS MANAGEMENT (2 credits)

Key elements of a successful electronic records programme incorporating electronics records management into the fabric of an organization. The ways in which new information technologies challenge the capacities of organizations to define, identify, control, manage and preserve electronic records. Strategies, practices and tools employed by organizations to manage electronic records and how these are affected by different organizational, technological, regulatory and cultural factors. Analysis of problems of long-term preservation and continuing access to electronic records.

MRAM 891: APPRAISAL OF ARCHIVES (2 credits)

Appraisal of records for long term preservation is the first responsibilities of the archivist. The course provides a knowledge of the theories, strategies and professional practices concerning archival appraisal. Evolution of appraisal thinking and different appraisal experiences. Examples from the real world of appraisal strategy and methodology. Personal and private, institutional and governmental records. Application of theories and strategies through group projects to various recording media and functional areas of records creation.

MRAM 852: PRESERVATION AND DISASTER MANAGEMENT (2 credits)

Principles of preservation, understanding archival materials, and threats to collections. Storage and environment, archive surveys and formats, identification and storage. Handling records, working with conservators, digital preservation and the creation of surrogates. Designing a disaster plan, identifying and understanding risks, environmental control, types of disaster, security, staff training and disaster simulation, emergency operation plan, formulating systems for response and recovery.

MRAM 862: MANAGEMENT OF RECORDKEEPING AND ARCHIVES SERVICES (2 credits)

An introduction to basic management principles and practices in the context of records and archives management: personnel, facilities, technology, and finance. Policy, planning, implementation and evaluation of services. Relationships with other sections of management, legal and ethical constraints, security and disaster planning, and marketing.

MRAM 872: CONSERVATION AND PRESERVATION (2 credits)

Explores the strategies and practices that information professionals use to cope with the problem of deteriorating materials. These range from practical low-cost actions that may be implemented by information professionals in every kind of working environment, to strategies that can only be administered at a national, sometimes even international level.
MRAM 882: DIGITAL LIBRARIES AND ARCHIVES (2 credits)

This course focuses on the current state of “digital libraries” from a multidisciplinary perspective. Its point of departure is the possibilities and prospects for convergence of professions and cultures around the notion of digital media content. The course covers the history of the idea of digital library and digital archive, especially its manifestation as projects and programs in academic, non-profit, and research settings, and the suite of policy issues that influence the development and growth of digital libraries and archives. A foundation of core archival principles as applied in digital library and archives settings will serve as an intellectual construct supporting the exploration of the related concepts of scholarly communication, digital preservation, cyber infrastructure, representation, and standards/best practices. Students will be expected to master a diverse literature, to participate actively in the discussion of issues, and to take steps, collectively and individually, to advance our understanding of future directions of digital libraries and archives.

E. HEALTH INFORMATION MANAGEMENT SPECIALISATION

MHIMA 871: HEALTH RECORDS MANAGEMENT (2 credits)

Current methods of using and developing electronic records to support healthcare delivery. Patient involvement, architecture of record systems (including electronic systems); their use to support processes such as research, clinical coding and clinical audit and data integrity, security and confidentially.

MHIMA 881: INFORMATION SOURCES AND SYSTEMS IN HEALTH (2 credits)

The healthcare organization and its environment (including administrative, acute and primary health settings). Information sources-formal and informal. Key principles of information systems and systems theory. Use of information system within the healthcare sector. Development and maintenance of health information systems; challenges of implementing information systems within a healthcare organization. Computing and data communications in the support of information systems in healthcare, Data protection and security. Monitoring and evaluation of impact/success of information systems in healthcare settings.

MHIMA 891: THE HEALTH INFORMATION USER (2 credits)

Uses of health information, topology of health information, users and their work environment, information seeking behavior of health workers, user studies, reasons, types, and methods, application and evaluation, user education, sensitization and orientation, reasons, content, methods of health information sourcing, target groups, evaluation and management.

MHIMA 852: CLINICAL DISEASES AND DIET THERAPY (2 credits)

History of dietetics, functions of the dietitian, liver diseases and their dietary management, diseases of the gall bladder and their management, urinary tract diseases and their medical and dietary management, psychosis and its dietary management, principles of psychotherapy, dietitian/nutritionist in healthcare system.
MHIM 862: HEALTHCARE MANAGEMENT AND EVALUATION (2 credits)
Principles of public health administration and management; history and definition of management; administrative theory; management; skills and techniques; evaluation of health services; levels and types; management of human, material and financial resources; public health legislation; main method of evaluating the effectiveness; cost effectiveness; human and quality of health service; methods of measuring disease disability and quality of life.

MHIM 872: APPLICATIONS IN MEDICAL INFORMATICS
A survey of concepts and activities in medical informatics, including an introduction to the applications of IT in the areas of knowledge-based information and library informatics, integrated hospital information systems and patient-specific information, nursing, radiology, pathology and pharmacy services, clinical decision support, tele-health and medical education. Also included are concepts related to informatics in healthcare financing, legal, ethical and philosophical issues in medical informatics, and consumer informatics.

MHIM 882: DATABASE METHODS FOR CLINICAL INFO. MANAGEMENT (2 credits)
Database theory, methodologies for database design and issues related to database management. Emphasis is on requirements and methodologies for assuring data integrity and security in healthcare enterprise information systems, specifically in relationship to the database environment.

F. ICT IN INFORMATION RESOURCES MANAGEMENT SPECIALISATION

IIRM 871: DATABASE MANAGEMENT FOR INFORMATION UNITS (2 credits)
Modern database management systems, theory, methods, and techniques widely used today to design, develop, and maintain a relational database system. Applications of fundamental database principles in a stand alone database environment using MS Access on the Windows platform. Application under internet environment will also be discussed.

IIRM 881: WEB PUBLISHING AND DESIGN (2 credits)
HTML; Introduction to SGM; Internet and web design-practical hands-on; Digital libraries, Virtual Libraries; Introduction to Multimedia; hypermedia, and polymedia; hands on practical, submission of project.

IIRM 891: TELECOMMUNICATIONS AND NETWORKING (2 credits)
Communication environment, principles of communication, data communication networks model, Transmission media, Network architecture and topologies, why network projects fail, internet, telex, telephone, network standards organisation.

IIRM 852: NETWORK SECURITY AND INTRUSION DETECTION (2 credits)
Provides a comprehensive overview of network security and intrusion detection. Topics include security overview, authentication, attacks and malicious code, communication security, Web security, network security topologies, intrusion detection, firewalls and VPNs, security baselines,
security algorithms, physical security, disaster recovery, forensics overview, and other state-of-the-art developments.

**IIRM 862: DATA WAREHOUSING AND DATA MINING** (2 credits)

The main concepts, components, and various architectures of Data Warehouse. Advanced data analysis and optimization of Data Warehouse Design. Data Warehousing and OLAP tools. Applying data mining algorithms to retrieve highly specialized information or knowledge about the data stored in the Data Warehouse.

**IIRM 872: INFORMATION TECHNOLOGY STRATEGY AND POLICY** (2 credits)

Focus on the use of information systems technology to develop and maintain a strategic competitive advantage. Topics also demonstrate how Information Systems technologies are used to enhance organizational performance and effectiveness.

**IIRM 882: INFORMATION RETRIEVAL** (2 credits)

Provides hands-on experience with procedural extensions to the SQL language for retrieval and manipulation of data. Topics include data control languages, control structures, looping and branching, local and global variables, exception handling, stored procedures and database triggers, cursors and cursor processing.

**G. PUBLISHING SPECIALIZATION**

**MPS 871: THE PUBLISHING BUSINESS** (2 credits)

The origin of publishing ideas, market testing, working with authors, developing outlines, obtaining and acting on literary advice, negotiating contracts, scheduling, determining print runs and prices, good editorial practice, list maintenance and results monitoring. The production process in its entirety including hosting and distribution, editorial and production management; the impact of electronic publishing on the back office functions, copy editing, customer service.

**MPS 881: PUBLISHING, CULTURE AND SOCIETY** (2 credits)

This course aims to provide students with a strong theoretical grasp of the fundamental nature of publishing in all its contexts: social, economic, business, political, cultural and historical. The course introduces various integrating frameworks that are applied throughout the programme.

Topics include: the publishing process the world of publishing, its structure and key players; the history of the book since Gutenberg; the Anglo-American’ model of publishing; publishing structures in other regions/cultures (France, Germany, Japan, China etc.); ethical and business issues in publishing; the broader context of publishing as a social, economic and political activity; the information economy; the role of books in history, society, economics and politics.

**MPS 891: ELECTRONIC PUBLISHING** (2 credits)

This course introduces students to the concepts of publishing and communication in the electronic environment. Topics include hypertext, the navigation of hypertextaula systems,
interactivity in publications, page layout and design, language on the web, electronic journals, and on-demand delivery of information and equipment necessary for electronic publishing. By the end of the course students will have an understanding of the development of the electronic publishing industry and its current state, an awareness of the opportunities of the information revolution for traditional publishing practices, and they will be able to create and publish information in a secure and appropriate form for delivery across the internet.

**MPS 852: PUBLISHING LAW, CONTRACTS AND RIGHTS**  
(2 credits)

This covers issues, principles and practices related to the national and international legal environment in which publishing operates. Topics include: intellectual property; legal deposit; contract law; rights management; the disruptive and counting impact of the internet on the legal framework; how to make the best use of legal professionals.

**MPS 862: PUBLISHING PRACTICE**  
(2 credits)

This course aims to provide students with a detailed working knowledge of the commissioning process, from the original idea to the publication of final high quality, market ready product. The emphasis is on books, with extensive reference to electronic products.

Topics include: the origin of publishing ideas, market testing; working with authors; developing outlines; obtaining and acting on literary advice, negotiating contracts; scheduling; determining print runs and prices; good editorial practice; list maintenance and results monitoring the production process in its entirety, including hosting and distribution; editorial and production management; the impact of electronic publishing on back office functions; copyediting; customer service.

**MPS 872: JOURNAL AND PERIODICAL PUBLISHING**  
(2 credits)

This course aims to equip students with a detailed understanding of how journals (and, more generally, magazines) are financed, developed, produced, marketed and sold. In particular, the position of the journal as the key vehicle for scholarly communication will be analysed in depth. Challenges to the traditions journal and the development of alternative business models will be covered in depth.

Topics include: the context for learned journal publishing, especially its role in scholarly communication; how journals are published, how they are different from books and the skills needed to work in this sector; changes in journal publishing resulting from the digital revolution; open access and other business models; changes in library purchasing; magazine publishing.

**MPS 882: DESIGNING PUBLICATIONS**

PhD IN INFORMATION RESOURCES MANAGEMENT

Admission Requirements to the Programme
Candidates seeking admission into the PhD programme in Information Resources Management are required to have a Master’s degree in Information Resources Management (MIRM), Library and Information Science, or Information Science or Archival studies, 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.

c. Candidates with a CGPA of 3.50 and 3.99 on a 5-point scale or 55-59.9% in the MIRM may be admitted under conditional status to the PhD programme, provided that they successfully complete a minimum of 16 additional credits in Master’s-level coursework in information resources management in Babcock University prior to commencing any coursework in the PhD in Information Resources Management programme.
d. Candidates who score between 3.00 and 3.49 on a 5-point scale or 50-54.9% in the MIRM may be admitted into the MPhil programme. The MPhil programme shall be for two years (4 semesters). In the first year, the MPhil candidate will be expected to complete the first year (2 semesters) of PhD coursework. In the second year, the MPhil candidate will complete the MPhil program, as well as 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 Information Resources Management programme. After the successful completion of all requirements for the MPhil, the candidate may directly proceed to the second year of the PhD programme.

For candidates with Master’s degree in an area other than Information Resources Management, or Library and Information Science or Information Science, but that meets the required level of proficiency, the transcript will be reviewed to ascertain which of the required courses in the Babcock university Master’s in Information resources Management have been completed. Any outstanding deficiencies must be completed prior to admission to the doctoral programme.

An MPhil in IRM from Babcock University, with a minimum proficiency level of 60%, will count for the first year of the PhD programme, with the student commencing with the activities of the 2nd year of the PhD programme of studies. If the student has an MPhil in IRM from any other institution, with a minimum proficiency level of 60%, the student will commence with the first year of the PhD programme of studies.

Note: No amount of professional experience may be counted to waive a deficiency in the programme requirement.

Policies pertaining to admissions to a PhD programme
Regular admission to a PhD programme may be granted when the applicant brings a Masters’ degree from a recognized university and all admission requirements have been successfully completed.

Provisional admission to a PhD programme may be granted when the applicant brings a Masters’ degree from an institution whose recognition cannot be adequately determined (especially in the
case of a foreign institution), but who otherwise has successfully completed all other admission requirements to the PhD programme.

*Conditional admission* to a PhD programme is granted when the applicant brings a Masters’ degree in a non-related area or in a professional rather than academic programme and must consequently complete remedial coursework. No coursework may be taken which will be counted as part of the doctoral programme while the student is under conditional admission.

*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.

**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.

Coursework for the PhD shall amount to 40 credits, and the thesis shall amount to 16 credits, for a total of 56 credits. The minimum CGPA for graduation shall be 4.0 on a 5-point scale.
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>
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<tr>
<td>GEDS 901</td>
<td>Personal and Family Wholeness [x]</td>
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<td>GEDS 902</td>
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<tr>
<td>IRMA 912</td>
<td>Information Policy [+ ]</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 998</td>
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<td>IRMA 999</td>
<td>Doctoral Thesis II [+ ]</td>
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<td>IRMA 901</td>
<td>Personnel 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>IRMA 904</td>
<td>Seminar in Management Theories and Applications [+]</td>
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<td>IRMA 905</td>
<td>Seminar in Information Technology and System [+]</td>
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<td>IRMA 906</td>
<td>Seminar in Research Method: Design, Theory and Practice in IRM [+]</td>
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<tr>
<td>RELT 953</td>
<td>Biblical Foundation of Information Resources Management [+]</td>
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<td>ELECTIVE COURSES</td>
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List of Elective Courses Available

- IRMA 911 Appraisal of Archives and Manuscript [+ ] | 2 credits
- IRMA 913 Information Consulting [+ ] | 2 credits
- IRMA 916 Strategic planning and Policy [+ ] | 2 credits
- IRMA 922 Information Society [+ ] | 2 credits
- IRMA 923 Advanced Information Storage and Retrieval [+ ] | 2 credits
- IRMA 924 Advanced Records and Archives Administration [+ ] | 2 credits
- IRMA 927 Gender and ICT [+ ] | 2 credits
- IRMA 928 Rural community and Information sources and services [+ ] | 2 credits
In summary, the four (4) foundations courses are already available, as these are shared by all Babcock University PhD programmes. There are five (5) core courses in the program, including the two (2) “courses” represented by the doctoral thesis. The program includes six (6) specialization courses and two (2) elective courses, which are chosen from a pool of eight (8) courses.

Although there are no service courses imparted by other areas, with the exception of the Foundations courses, which are common to all Babcock University doctoral programs, and RELT 953, which is team taught with the Religion department, the University does have strengths in related major fields, particularly in those programs offered by the Departments of Computer Science and Mass Communications.

Course Descriptions

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 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, leaner 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.

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.

IRMA 901: PERSONNEL MANAGEMENT IN INFORMATION CENTRES 3 credits
An examination of key issues in human resources management in libraries and information centres. Topics include leadership, supervision, job analysis and work design, performance appraisal, staff training and development, employee relations, human rights and planned organizational change. The issue delegation, financial prudence, as well as ethical and moral issues while dealing with individual staff matter will be discussed from Biblical perspective.
IRMA 902: COMPETITIVE INTELLIGENCE  3 credits
Competitive intelligence process in profit and not-for-profit-organizations; principles and tools for identifying competitive intelligence needs; acquiring, organizing, and storing information, creating intelligence through analytical techniques; developing and distributing intelligence products. Legal and ethical aspects, information audits, and cooperative intelligence. The course will highlight biblical perspective of hard work, trustworthiness and equal measure in dealing with others.

IRMA 903: SEMINAR IN PROFESSIONAL ISSUES  3 credits
Research on a topic selected by the student and carried out with scheduled reports to a faculty member. Reports of the research may take various forms as determined in advance by the student and faculty member. A maximum of three credits may be earned under this course. In this doctoral seminar, the student is expected to research on specific topics in the area of Professional issues under the guidance of a faculty member. The students will then present his/her findings in formal papers, and discuss these with the class at least three times during the course.

IRMA 904: SEMINAR IN MANAGEMENT THEORIES AND APPLICATIONS  3 credits
Research on a topic selected by the student and carried out with scheduled reports to a faculty member. Reports of the research may take various forms as determined in advance by the student and faculty member. A maximum of three credits may be earned under this course. In this doctoral seminar, the student is expected to research on specific topics in the area of Professional issues under the guidance of a faculty member. The students will then present his/her findings in formal papers, and discuss these with the class at least three times during the course.

IRMA 905: SEMINAR IN INFORMATION TECHNOLOGY AND SYSTEM  3 credits
In this doctoral seminar, the student is expected to research on specific topics in the area of Information Technology in Business, ICT and Female Academics, and ICTs in Academic Libraries under the guidance of a faculty member. The students will then present his/her findings in formal papers, and discuss these with the class at least three times during the course.

IRMA 906: SEMINAR IN RESEARCH METHOD: DESIGN, THEORY AND PRACTICE IN IRM  3 credits
In this doctoral seminar, the student is expected to research on specific topics in the area of Research Method, design, theory and practice in IRM under the guidance of a faculty member. The students will then present his/her findings in formal papers, and discuss these with the class at least three times during the course.

IRMA 911: APPRAISAL OF ARCHIVES AND MANUSCRIPTS  3 credits
Classical archival appraisal theory and recent refinements including documentation strategies. Relates appraisal to the mission, goals and objects of an archival institution. An exploration of the applicability of appraisal theory to records on media other than print. The course will also highlight the importance of records keeping from the Biblical point of view.

IRMA 912: INFORMATION POLICY  3 credits
Information societies are examined from a global perspective, emphasizing, political, economic, social, cultural and ethical issues including the roles of government and the private sector in
providing information system and services, trans border data flow; information access at personal, intellectual and national level, censorship, copyright and data security. The ethical and moral aspect of information policy will also be discussed from the biblical point of view.

IRMA 913: INFORMATION CONSULTING 2 credits

The information consulting (IC) course is designed to serve as a capstone course for the students who have geared their studies around business information resources and services. Students will be challenged to identify appropriate resources and develop deliverables for their clients to solve complex business problems. The course readings and discussion will focus on a necessary framework for understanding the role of the information specialist in the corporate setting.

IRMA 916: STRATEGIC PLANNING AND POLICY 2 credits

This course provides students with theory and practice in strategic management by the use of lectures and case analysis. It helps build in students critical business skills of planning and managing strategic activities. Topics include determining mission, purpose and philosophy of companies, developing a company profile, conducting a resource analysis, assessing the external environment, identifying various strategic options, making strategic analysis and choice, settling long-term objectives, developing long-term annual objectives and grand strategies, implementing strategic decisions, reviewing, and finally, controlling them. The course will emphasize more than anything else, that God is the Master Strategic Planner and Policy Formulator.

IRMA 921: INFORMATION FOR DIVERSE POPULATIONS 3 credits

Services for multi-cultural populations and group with special interests or needs: sensory or mobility impaired, learning disabilities, adult beginning readers, gifted and talented, homeless, aging. Federal regulations, materials, professional attitudes, techniques, equipment and programmes at all levels and settings. The concept of equity, fairness and caring attitude to those less advantaged, orphans, widows and others will be discussed from the christen perspective.

IRMA 922: INFORMATION AND SOCIETY 3 credits

Introduction to our world of Information, documents and information agencies with historical and social approach. A look at how information is generated and at the role played by libraries and other relevant agencies. Students will be taught that God created societies for His glory and to fulfill His purpose. Therefore this course will show how orderliness, technological advancement, sharing information and working for the good of man is divinely inclined.

IRMA 923: ADVANCED INFORMATION STORAGE AND RETRIEVAL 2 credits

Problems and techniques in storage and retrieval of textual and non-textual of materials in various environments; theory and research in seeking, retrieving and information; new challenges for information professionals. The growth and technological advancements to advance human cause will be discussed in relation with Biblical principles.

IRMA 927: GENDER AND ICT 2 credits

Although the use of information, communication and Technology (ICT) is becoming more wide spread in higher education and research in particular, the use of ICT is limited by a negative attitude toward a style of teaching and research which is not usually consistent with the students past learning experience. The course will examine issues related to ICT and social exclusion emphasizing gender mainstreaming in ICT education and research. Students will be taught...
of God’s plan in creating the human race, not for one to be superior to the other but to use every available technology to provide quality service and honor God.

**IRMA 998: DOCTORAL THESIS I** 8 credits
Student will select a topic, write a three paged proposal and defend before the panel. Once the panel accepts the topic, the student then will be allocated to supervisors (major and minor), then he/she will develop background to the study, carry out a detailed literature review, and design a research method. Once the supervisors are satisfied, the student will be asked to defend it in an open forum and must score a minimum of 60% before embarking on the field for data collection. The candidate is expected to dedicate a section in his/her chapter two an aspect of a Christian (SDA) world view as it relates to the area of his/her specialization.

**IRMA 999: DOCTORAL THESIS II** 8 credits
Students will complete data collection and analysis, will complete the chapter on result 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 aspect as well as the biblical view. The study is expected to have addressed an ethical/moral issues emanating from the study.

**RELT 953: BIBLICAL FOUNDATIONS OF INFORMATION RESOURCES MANAGEMENT** 2 credits
Exploration of the interface between the Bible and the principles of Information Resources Management. Theory of organization of knowledge, the issue of right and wrong, censorship (the course will be taught by two faculty members, one from the Religious studies department and the other from the IRM).
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

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

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.

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<td>GEDS 702</td>
<td>Statistics</td>
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<tr>
<td>MCOM 701</td>
<td>Principles of Mass Communication</td>
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<td>MCOM 711</td>
<td>Research Methods in Mass Communication</td>
<td>2</td>
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<td>MCOM 721</td>
<td>Principles of Advertising &amp; Public Relations</td>
<td>2</td>
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<td>MCOM 731</td>
<td>News Reporting and Editing for Print Media</td>
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<td>MCOM 702</td>
<td>History of Nigeria Mass Media</td>
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<td>MCOM 712</td>
<td>Media Law &amp; Ethics</td>
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<td>MCOM 799</td>
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**CORE COURSES**

**ELECTIVE (Choose ONE elective each during first and second semester)**

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<td>MCOM 751</td>
<td>Radio &amp; TV Studio Operations</td>
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<td>MCOM 722</td>
<td>Broadcast/Film Production</td>
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<tr>
<td>MCOM 732</td>
<td>Community Relations</td>
<td>2</td>
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<tr>
<td>MCOM 742</td>
<td>Feature Writing</td>
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<tr>
<td>MCOM 752</td>
<td>Radio/TV Drama &amp; Documentary Production</td>
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<tr>
<td>MCOM 762</td>
<td>Advert &amp; PR campaign Mgt.</td>
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**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

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MCOM 701 PRINCIPLES OF MASS COMMUNICATION 2 credits
This course introduces students to the basics of communication. It will treat forms of communication, processes of communication and elements of communication. The different media as well as some elementary models underlining the art and science of communication will be treated.

MCOM 711 RESEARCH 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.
M.Sc MASS COMMUNICATION

Philosophy
The Master’s degree programme in mass communication is 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. Some of the graduates of the programme will be encouraged to establish their own companies and employ when the economic environment is buoyant and conducive and the incentives are available.

Objectives
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 motion. 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.

Goals
At the end of the program, the graduates will be able to:
1. Develop a broad-based understanding of the knowledge, skills and attitude expected of communication professionals, with Christian orientation.
2. Acquire such communication skills and competences in broadcasting, journalism, advertising and public relations based on their special areas of interest.
3. Develop research skills which will enable them carry out independent projects within and after the program.
4. Demonstrate administrative skills and competencies that will enable them to operate efficiently and effectively in any media organizations /establishment.

The programmes’ focus is to produce advertising, broadcasting, public relations professionals, editorial writers and publishers, and communicators who are employable in any organizational, political, religious, science and technology and book publishing sectors of the nation.

Admission Requirements
Candidates for admission to the Master of Arts programme in Mass Communication shall:
- Have an undergraduate degree in Mass Communication or 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 Post – Graduate 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 Arts 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 2^{2}. Submit a supervised research project weighted 6 units and pass the oral defense examination. Satisfy all other requirements, including the prescribed period of study.

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**ELECTIVES - PUBLIC RELATIONS & ADVERTISING**

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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.

**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.

**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, its media structure and media audience.

**MCOM 811 RESEARCH METHODS IN COMMUNICATION**  
3 Credits  
The course examines the various methods of research, including empirical research in mass communication. The social science approach is highly emphasized, including use of relevant statistical tools.

**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 BROADCAST COMMUNICATION (SEMINAR)  2 Credits
This is a course in which student’s present researched topics on current trends and issues that
affect broadcasting.

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
to
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,
communicés, 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 form 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 FR 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-research 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.

Admission Requirements
Prospective candidates for admission into the PhD 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 Ph.D programme on the condition they successfully complete a minimum of 16 credit units of remedial courses at Master’s level course work in Mass Communication at Babcock University before commencing any course work in the Ph.D 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 Masters 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, 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 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.

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
   - Have satisfied other admission requirements of the School of Postgraduate 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.

- **Policies pertaining to admissions to a PhD programme**
  - *Regular admission* to a PhD programme may be granted when the applicant brings a Masters’ degree from a recognized university and all admission requirements have been successfully completed.
  - *Provisional admission* to a PhD programme may be granted when the applicant brings a Masters’ degree from an institution whose recognition cannot be adequately determined (especially in the case of a foreign institution), but who otherwise has successfully completed all other admission requirements to the PhD programme.
  - *Conditional admission* to a PhD programme is granted when the applicant brings a Masters’ degree in a non-related area or in a professional rather than academic programme and must consequently complete remedial coursework. No coursework may be taken which will be counted as part of the doctoral programme while the student is under conditional admission.
  - **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 would 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.

The programme of studies for the PhD in mass communication appears in the following table:

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

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*Total for Foundational Courses: 8 credits*
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<td>Language &amp; Mass Media</td>
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<td>MCOM 911</td>
<td>Communication Policy Planning and Development</td>
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<td>Advanced Issues in Communication for Development</td>
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<td>Comparative Studies of National Communication Systems</td>
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*Total for Core Courses: 34 credits*

### SPECIALIZATION COURSES

#### General Specializations

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*Students to Choose Three according to Specialization (9 credits)*

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*Total for Specialization Courses 14 credits*

### ELECTIVE COURSES

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<td>Advanced Production Techniques (Radio &amp; TV)</td>
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<tr>
<td>MCBC 924</td>
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*Total for Elective Courses: 6 credits*

*TOTAL (56)*

List of Elective Courses Available (Students will choose according to their Specialization)

- MCBC 911: International Broadcast and World Affairs
- MCBC 922: Comparative and Alternative Broadcast System
- MCBC 921: Advanced Production Techniques (Radio & TV)
- MCBC 924: Advanced Sociology in Communication

174
MCJP 911  Traditional Media Structure  2 Credits
MCJP 922  International News Organization  2 Credits
MCJP 921  New Developments in Print Journalism  2 Credits
MCJP 942  Advanced Sociology of Mass Communication  2 Credits
MCPR 912  Alternative Models for Public Relations & Advertising  2 Credits
Planning
MCPR 921  Advanced Studies in Public Relations & Advertising  2 Credits
MCPR 931  Economics and Management of Public Relations and Advertising  2 Credits
MCPR 932  Public Relations & Advertising Regulations  2 Credits

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); 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 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. 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.

GEDS 911:  RESEARCH PROPOSAL AND WRITING  2 Credits
The course is designed to strengthen the research techniques and skills of doctoral students by harmonizing the knowledge and skills learnt by them in their previous research courses. It also aims at the acquisition of the necessary skills needed for the writing of proposal for research grants and fellowships. Students acquire an understanding of the standards and expectations they need to meet to be successful in completing a dissertation process. The course is designed to be taught in a practical, problem-solution based class style with extensive interaction between students and instructors.

RELG 904:  FAITH IN MASS COMMUNICATION  2 Credits
The course arises at educating students on the relationship between religious beliefs and morality. Selected ethical and moral issues from the perspective of communication theories and practices will be considered.

**MCOM 901 COMPARATIVE STUDIES IN THEORIES OF COMMUNICATION**

3 credits

The course examines several communication theories from a variety of contexts. It analyses their relative strengths and weaknesses in the light of current developments in the media of mass communication. The course will provide insight into the understanding of theorizing as both a formal and informal activity. It will also explore the connections between theory and research methods.

**MCOM 902 LANGUAGE AND MASS MEDIA**

3 credits

This course studies in detail, the components of the mass media and the choice of appropriate language for message delivery.

**MCOM 911 COMMUNICATION POLICY PLANNING AND DEVELOPMENT**

(3 credits)

The students are taught the systematic approach in communication policy planning and development. References are made to such planning’s in Nigeria.

**MCOM 999 DISSERTATION**

16 credits

Original and independent study of a communication problem and the preparation of a doctoral dissertation.

**MCJP 902 PRINT MEDIA MANAGEMENT AND ADMINISTRATION (SEMINAR)**

3 credits

In this course, the students are required to prepare and present a well-researched topic in the area of print media management.

**MCJP 901 SPECIAL TOPICS IN PRINT & PUBLISHING STUDIES (SEMINAR)**

3 credits

This course requires that students prepare and present well-researched topics on issues that affect print journalism and publishing.

**MCJP 912 CONSULTANCY SERVICES IN PRINT & PUBLISHING (SEMINAR)**

3 credits

In this course, students prepare and present reports on how to plan and manage consultancy outfits in print journalism and publishing.

**MCJP 921 NEW DEVELOPMENTS IN PRINT JOURNALISM**

3 credits

A look at the significant changes currently taking place in newspaper and magazine production, especially via the computer and allied electronic equipment – desktop publishing (DTP): computerized data storage and retrieval systems, computerized typesetting, scanning, etc. Also new developments in rural press and alternative journalism will be treated in this course.

**MCPR 901 PR AND ADVERTISING MANAGEMENT AND ADMINISTRATION (SEMINAR)**

3 credits
This course is an exploration of psychological and sociological theories of Public Relations and Advertising. Focus is on management decisions making; planning and execution of programmes by either in-house PR department or consultancy outfit, particularly on media planning to achieve marketing budget allocation.

**MCPR 902   SPECIAL TOPICS IN PR AND ADVERTISING (SEMINAR)  3 credits**
The course allows for independent study based on practical exposure to marketing practices related to PR and Advertising. There is also an in-depth analysis of the effect of regulatory control on the practice of PR and advertising by regulatory bodies in Nigeria, as this has implications for mass communication.

**MCPR 911   CONSULTANCY SERVICES IN PR & ADVERTISING (SEMINAR)  3 credits**
In this course, students prepare and present reports on how to plan and manage public relations and advertising consultancy outfits.

**MCPR 912   ALTERNATIVE MODELS FOR PR & ADVERTISING PLANNING  3 credits**
This is a study of alternative approaches to public relations and advertising – the traditional approach, the ‘top-down’ approach, as well as Public Relations and Advertising budgeting methods. The implications of each approach or combination of approaches for achievement of results will be looked into. The course will also look into Public Relations and Propaganda, Public Relations, Advertising, Marketing and Salesmanship.

**MCPR 921   ADVANCED STUDIES IN PUBLIC RELATIONS AND ADVERTISING  3 credits**
A comprehensive look at the philosophy, goals, theories, ethics and practice of public relations and advertising as services communication and the ways in which it impinges on other modes and methods of communication. The course also analyses the effects of advertising on print and electronic media performance.

**MCPR 931   ECONOMICS AND MANAGEMENT OF PUBLIC RELATIONS AND ADVERTISING  3 Credits**
This study is an analysis of key economic concepts and issues relating to public relations practice in Nigeria. It will seek to develop student’s understanding of the principles of management and organization theory in modern corporate bodies.

**MCPR 932   P. R AND ADVERTISING REGULATIONS  3 credits**
A study of national and international Public Relations and Advertising institutions with particular concentration on the Nigerian Institute of Public Relations and Advertising Practitioners Council of Nigeria Code of Ethics.

**MCPR 941   INSTITUTIONAL/EDUCATIONAL PUBLIC RELATIONS  3 credits**
The course will focus attention on the role of public relations in building public understating of higher education; enhancing alumni involvement and support and improving educational/government relations. It will also examine what public relations can do to strengthen communication with the campus’ internal and external audiences.
MCBC 902  BROADCAST MEDIA MANAGEMENT AND ADMIN. (SEMINAR)  3 credits
This course requires that student prepare and present well-researched topics on broadcast media management and administration.

MCBC 901  SPECIAL TOPICS IN BROADCAST COMMUNICATION (SEMINAR)  3 credits
This course requires that students prepare and present well-researched topics on issues concerning broadcast communication.

MCBC 912  CONSULTANCY SERVICES IN BROADCAST COMM. (SEMINAR)  3 credits
In this course, students prepare and present reports on how to plan and manage consultancy outfits in broadcast communication.

MCBC 922  COMPARATIVE & ALTERNATIVE BROADCASTING SYSTEM  3 credits
An examination of Broadcasting systems worldwide and which systems would best meet African development needs in general and Nigerian needs in particular.

MCBC 921  ADVANCED PRODUCTION TECHNIQUES (RADIO & TV)  3 credits
This course is designed to familiarize students with technology types and use in broadcast production. The course is aimed at taking students through the various stages in radio and television production as well as the use of equipment such as microphones, cameras, audio and video consoles, lighting grid, telecine and film chain, etc. Classroom instruction will be heavily supplemented by practical production exercises.

**LIST OF STAFF**

<table>
<thead>
<tr>
<th>S/ N</th>
<th>NAME</th>
<th>QUALIFICATION/AREA OF SPECIALIZATION</th>
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<tbody>
<tr>
<td>1.</td>
<td>Prof. ALAO, S.E.</td>
<td>Ph.D (Print &amp; Int’l Communication)</td>
<td>Professor</td>
<td>Full-Time</td>
</tr>
<tr>
<td>2.</td>
<td>Prof. AKANBI, D. K.</td>
<td>Ph.D (Instructional Media &amp; Communication)</td>
<td>Professor</td>
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<td>Prof.</td>
<td>Ph.D (Development)</td>
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<td>AKINW ANDE A. J.</td>
<td>Communications</td>
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<td>5.</td>
<td>Dr. ASEKUN N- OLARIM OYE, S.</td>
<td>Ph.D (Broadcasting &amp; Organizational Communication)</td>
<td>Senior Lecturer</td>
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<td>6.</td>
<td>Dr. OKERE, S.</td>
<td>Ph.D (Journalism and Publishing Studies)</td>
<td>Senior Lecturer</td>
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<tr>
<td>7.</td>
<td>Dr. AJILOR E, K.</td>
<td>Ph.D (Advertising and Public Relations)</td>
<td>Senior Lecturer</td>
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<tr>
<td>8.</td>
<td>Dr. OJOMO, O</td>
<td>Ph.D (Broadcasting New Media/Photography)</td>
<td>Senior Lecturer</td>
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<tr>
<td>9.</td>
<td>Mrs. ANATSUI, C. C.</td>
<td>MSc. (Public Relations)</td>
<td>Lecturer I</td>
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<tr>
<td>10.</td>
<td>Mrs. ADEKOYA, H. O.</td>
<td>MSc. (Health &amp; Dev. Comm)</td>
<td>Lecturer I</td>
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<tr>
<td>10.</td>
<td>Mr. OJUNTA L.</td>
<td>MSc. (Advertising/Brand Mgt)</td>
<td>Lecturer I</td>
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<tr>
<td>11.</td>
<td>Mr. KUEWU MI, J. B.</td>
<td>MSc. ((Broadcasting)</td>
<td>Lecturer II</td>
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<tr>
<td>12.</td>
<td>Mr. ETI, C. I.</td>
<td>MSc. (Writing &amp; Media Language)</td>
<td>Lecturer II</td>
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<tr>
<td>13.</td>
<td>Miss. CHIOM A, P. E.</td>
<td>MSc. (Broadcasting)</td>
<td>Assistant Lecturer</td>
<td>Full-Time</td>
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<tr>
<td>14.</td>
<td>Miss. UWOM, O. O.</td>
<td>MSc. (Broadcasting)</td>
<td>Assistant Lecturer</td>
<td>Full-Time</td>
</tr>
<tr>
<td>15.</td>
<td>Mrs ATAKIT I I. O.</td>
<td>BSc. (Broadcasting)</td>
<td>Graduate Assistant</td>
<td>Full-Time</td>
</tr>
<tr>
<td>16.</td>
<td>Miss ALAO O. O.</td>
<td>BSc. (Advertising &amp; PR)</td>
<td>Graduate Assistant</td>
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<tr>
<td>17.</td>
<td>Prof. ONABAJ O, O.</td>
<td>Ph.D (Broadcasting &amp; Dev. Comm)</td>
<td>Professor</td>
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<td>Dr. (Mrs.) AJALA, V. O.</td>
<td>Ph.D (Public Relations)</td>
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<td>21</td>
<td>Dr. ISIAKA, B. T.</td>
<td>Ph.D (Dev. Comm)</td>
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<td>22</td>
<td>Dr. TEJUMA IYE, J. A.</td>
<td>Ph.D (PR&amp; Advertising)</td>
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<td>23</td>
<td>Dr. OOLORU NTOLA, S. A.</td>
<td>Ph.D (Linguistics)</td>
<td>Senior Lecturer</td>
<td>Adjunct</td>
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<tr>
<td>24</td>
<td>Mr. KAYOD E, Jimi</td>
<td>M.Sc. (Print Journalism)</td>
<td>Senior Lecturer</td>
<td>Adjunct</td>
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</table>
DEPARTMENT OF POLITICAL SCIENCE AND PUBLIC ADMINISTRATION

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, Intergovernmental Relations, Defence and Strategic Studies, Peace and Conflict Studies, Law and Diplomacy, Legislative Studies. Generally, the objectives of the course are to:

7. develop high skilled manpower in the discipline of Political Science.
8. prepare students for the kind of research that will lead to further research and not only present research findings.
9. 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.

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
Candidates must have minimum of Second Class lower Division in Political Science from any recognized University within or outside Nigeria.

Candidates with at least, 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
To qualify for the award of an M.Sc Political Science degree of Babcock University, a candidate will be required to register and pass all the general and core courses, as well as the requisite number of electives and obtain a grade not lower than a C (i.e. 50%) in all the courses taken.

Students will be required to meet the following benchmarks to be awarded the M.Sc. Political Science:
A minimum of 37 credit hours comprising the following:
- Two GEDS (general) courses = 4 credits
- All core courses = 15 credits
- Dissertation writing = 6 credits
- At least 15 hours in the chosen areas of specialization
## PROGRAMME STRUCTURE

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</table>
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 Programme Coordinator can be contacted for further advice on making appropriate choices.

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<td>Globalisation</td>
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<td>Modern Political Thought</td>
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<th>DEFENCE AND STRATEGIC STUDIES</th>
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<td>PLSC 842</td>
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**PEACE AND CONFLICT STUDIES**

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<td>PLSC 812</td>
<td>Modern Political Thought</td>
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<td>ILDP 811</td>
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**LAW AND DIPLOMATIC STUDIES**

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<tr>
<td>PLSC 812</td>
<td>Modern Political Thought</td>
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<tr>
<td>ILDP 801</td>
<td>Diplomatic Law, Theory and Practice</td>
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<tr>
<td>ILDP 802</td>
<td>Modern Applications of international Law</td>
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**LEGISLATIVE STUDIES**

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<td>PLSC 882</td>
<td>Public Policy Analysis</td>
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<tr>
<td>PLSC 871</td>
<td>Issues in Federalism and Intergovernmental Relations</td>
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<td>PLSC 862</td>
<td>Advanced Issues in Local Government Administration</td>
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<tr>
<td>ILDP 812</td>
<td>Comparative Legislative Processes and Practices</td>
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</table>
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, 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 assembles, 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 803: GRADUATE SEMINAR**  
0 Credit  
Advance seminar series will be organized that will welcome unconventional ideas through intellectual curiosity. In addition, presentations geared towards interdisciplinary discourse will be encouraged among students. Occasionally, resource persons will be invited to share their wealth of experience with the fleeting population of students and faculty members.

**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:-
- Vision 20-20 project
- Seven Point Agenda
- Power and Energy
- Niger-Delta and Government

PLSC 800: QUANTITATIVE ANALYSIS 3 Credits

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: ADVANCED ISSUES IN LOCAL GOVERNMENT ADMINISTRATION**

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**

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**

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 872: CONFLICT MANAGEMENT AND RESOLUTION**

Conflict is both ubiquitous and perennial. This course intends to explore the nature and dynamics of intrapersonal, interpersonal, inter-group and inter-state and other kinds of conflict. Other themes that will be explored will be the processes of negotiation, mediation, arbitration and judicial settlement of national and international disputes. Perspectives on various options for conflict management and resolution will also be discussed and critiqued with the goal of enabling students design creative conflict management and resolution models.

**ILDP 801: DIPLOMATIC LAW, THEORY AND PRACTICE**

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.

**ILDP 802: MODERN APPLICATIONS OF INTERNATIONAL LAW**

International Law has evolved since the times of Hugo Grotius, Vattel and other classicists. International Law has witnessed exciting application intended to address new international problems such as terrorism, genocide, unprecedented human trafficking and migration, and so on. This course is intended to analyze international law as applied to contemporary situations and the new contributions to the law afforded by the practice of states.

**ILDP 811: HUMAN RIGHTS LAW AND PRACTICE IN AFRICA**

The protection of human rights has *ab initio* faced challenges in the African context. In the context of democratization and the globalization of the human rights regime, this course will aid students’ comprehension and analysis of the actions of states, international organisations, non-governmental organisation, communities and individuals in relation to the existing international legal regime.
ILDP 812: 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 891: 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 899 DISSENTATION  
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 student’s selected topic.
A. 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 CGPA for graduation shall be 4.0 on a 5.0 scale.
The Programme of Studies for the PhD in Political Science programme appears in the following table:

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<tr>
<th>COURSE CODES</th>
<th>COURSE TITLE</th>
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<td>GEDS 901</td>
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<td>Statistics [x]</td>
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<td>GEDS 911</td>
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<td>Advanced Contemporary Political Analysis</td>
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<td>PLSC 902</td>
<td>Current Issues in African Govt and Politics</td>
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<td>PLSC 903</td>
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<td>PLSC 904</td>
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<td>RELM 932</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 [+]
PLSC 941 Current Issues in Peace and Strategic Studies [+]
PLSC 951 Issues in International Law and Diplomacy [+]
PLSC 962 Comparative Local Government [+]
PLSC 972 Advanced Human Resources Management in Public Sector [+]
PLSC 982 Issues in Federalism and Intergovernmental Relations [+]

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 (3) elective courses, which are chosen from a pool of eight (8) 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, $X^2$ 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.
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.

RELM 932: 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.
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 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
<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>
</tr>
</thead>
<tbody>
<tr>
<td>GEDS 801</td>
<td>Religion, Faith and Morality</td>
<td>2</td>
<td></td>
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<td>GEDS 802</td>
<td>ICT in Public Management</td>
<td>2</td>
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<td><strong>GENERAL COURSES</strong></td>
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<tr>
<td>PBMG 801</td>
<td>Research Methodology for Public sector Managers</td>
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<td>PBMG 802</td>
<td>Quantitative Analysis</td>
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<td>PBMG 811</td>
<td>Public Sector Management</td>
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<td>PBMG 812</td>
<td>Public Finance and Budgeting</td>
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<td>Graduate Seminar</td>
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<td>PBMG 899</td>
<td>Dissertation</td>
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<td><strong>CORE COURSES</strong></td>
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<td></td>
<td><strong>ELECTIVES (Choose three per Semester)</strong></td>
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<tr>
<td>PBMG 821</td>
<td>Advanced Public Policy Analysis</td>
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<td>PBMG 822</td>
<td>Executive Leadership-Electronic</td>
<td>3</td>
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<tr>
<td>PLSC 832</td>
<td>Governance</td>
<td>3</td>
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<td>PBMG 841</td>
<td>Tropical Issues in Public Administration</td>
<td>3</td>
<td></td>
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<td>PBMG 842</td>
<td>Globalization</td>
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<td>PBMG 851</td>
<td>Theory of Public Organizations</td>
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<td>PBMG 852</td>
<td>Ecology of Public Administration</td>
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<td>PBMG 861</td>
<td>Public Human Resource Management</td>
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<td>PBMG 862</td>
<td>Public Management Economics</td>
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<tr>
<td>PBMG 871</td>
<td>Law and Public Affairs– Admin Law</td>
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<td>PBMG 872</td>
<td>Health Services Utilization</td>
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<tr>
<td>PBMG 881</td>
<td>The Nigerian Health Care System</td>
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<td>PBMG 882</td>
<td>Managerial Epidemiology</td>
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<td>PBMG 891</td>
<td>Health Services Management</td>
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<tr>
<td>PBMG 892</td>
<td>Evolution of Criminology Though and Policy</td>
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<td>PBMX 801</td>
<td>Criminal Justice Systems</td>
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<td>PBMX 802</td>
<td>Research Methods in Criminal Justice and Public Affairs</td>
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<td>PBMX 811</td>
<td>Criminal Justice Planning and Management</td>
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<td>PBMX 812</td>
<td>Human Resources Management in Non-profit Organisations</td>
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<tr>
<td>PBMX 821</td>
<td>Strategic Management in Public &amp; Non-profit Organisations</td>
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<tr>
<td>PBMX 822</td>
<td>Sustainable Development</td>
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<td></td>
<td>Civil Society in Comparative Perspective</td>
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<td></td>
<td>Management in Non-Profit Sector</td>
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**Total: 40**  
17  
17  
6
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

<table>
<thead>
<tr>
<th>Subject Group</th>
<th>Electives</th>
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</thead>
<tbody>
<tr>
<td>(a) Public Management and Policy</td>
<td>1) Theory of Public Organisation</td>
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<tr>
<td></td>
<td>2) Public Human Resources Management</td>
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<td></td>
<td>3) Public Management Economics</td>
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<td></td>
<td>4) Law and Public Affairs – Admin. Law</td>
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<td></td>
<td>5) Ecology of Public Administration</td>
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<tr>
<td>(b) Health System Administration and Policy</td>
<td>1) Public Human Resources Management</td>
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<td></td>
<td>2) Health Services Utilization</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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<tr>
<td>(c) Criminal Justice Administration and Policy</td>
<td>1) Evolution of Criminology Though and Policy</td>
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<td></td>
<td>2) Criminal Justice System</td>
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<td></td>
<td>3) Research Methods in Criminal Justice and Public Affairs</td>
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<td>4) Criminal Justice Planning and Management</td>
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<td>5) Seminar on Criminal Justice System</td>
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<td>(d) Management of Non-Governmental Organisation (NGOs)</td>
<td>1) Public Human Resources Management</td>
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<td>2) Human Resources Management in Non-Profit Orgs.</td>
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<td></td>
<td>3) Strategic Management in Public &amp; Non-profit Orgs.</td>
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<td></td>
<td>4) Sustainable Development</td>
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<tr>
<td></td>
<td>5) Civil Society in Comparative Perspective</td>
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<tr>
<td></td>
<td>6) Management in Non-Profit Sector</td>
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<tr>
<td></td>
<td>7) Ecology of Public Administration</td>
</tr>
</tbody>
</table>

COURSE DESCRIPTION FOR MASTERS IN PUBLIC MANAGEMENT

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, 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 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 socio-economic, and political contents and relevance.

PBMG 800: ADMINISTRATIVE LAW 3 Credits
The course essentially is about 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 803: GRADUATE SEMINAR 0 Credit
Advance seminar series will be organized that will welcome unconventional ideas through intellectual curiosity. In addition, presentations geared towards interdisciplinary discourse will be encouraged among students. Occasionally, resource persons will be invited to share their wealth of experience with the fleeing population of students and faculty members.

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 valorisation 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 non-profit sector are seeking ways and means to facilitate their services ethically and professionally.

LIST STAFF

<table>
<thead>
<tr>
<th>S/NO</th>
<th>NAME OF ACADEMIC STAFF</th>
<th>AREA OF SPECIALIZATION</th>
<th>DISCIPLINE</th>
<th>QUALIFICATION</th>
<th>RANK</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>J.A.K. Makinde</td>
<td>Political Studies &amp; Religion</td>
<td>Political Science</td>
<td>Ph.D.</td>
<td>Professor</td>
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<tr>
<td>2.</td>
<td>A. J. Adekanye</td>
<td>Political Science</td>
<td>Political Science</td>
<td>PhD.</td>
<td>Professor</td>
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<tr>
<td>3.</td>
<td>A. D. Aina</td>
<td>Political Behaviour &amp; Public Communication.</td>
<td>Political Science</td>
<td>PhD.</td>
<td>Professor</td>
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<tr>
<td>4.</td>
<td>Femi Ajayi</td>
<td>Political Science</td>
<td>Political Science</td>
<td>PhD.</td>
<td>Professor</td>
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<tr>
<td>5.</td>
<td>J.O. Aluko</td>
<td>Local Government &amp; Public Admin.</td>
<td>Public Administration</td>
<td>Ph.D.</td>
<td>Associate Professor</td>
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<td>6.</td>
<td>J. K. Osifeso</td>
<td>Nig. Govt. &amp; Politics of International Relations</td>
<td>International Affairs</td>
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<td>7.</td>
<td>A. B. Omotunde</td>
<td>Political Theory &amp; Gender Studies</td>
<td>Political Science</td>
<td>PhD</td>
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<td>8.</td>
<td>M. A. Oni</td>
<td>Political Science</td>
<td>Political Science</td>
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<td>9.</td>
<td>Alex Igho-Ovie D’Leone *</td>
<td>Peace and Conflict Studies</td>
<td>International Relations</td>
<td>Ph.D.</td>
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<td>10.</td>
<td>Kunle Ajayi *</td>
<td>Political Parties &amp; Comparative Politics</td>
<td>Political Science</td>
<td>Ph.D.</td>
<td>Professor</td>
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<tr>
<td>11.</td>
<td>I. O. Aransi *</td>
<td>Comparative Local Govt.</td>
<td>Public Administration</td>
<td>Ph.D.</td>
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<td>12</td>
<td>E. O. Ojo *</td>
<td>Federalism &amp; Intergovernmental Relation.</td>
<td>Political Science</td>
<td>Ph.D.</td>
<td>Senior Lecturer</td>
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*Sabbatical/Visiting Lecturers
MASTER OF SCIENCE IN AGRICULTURE (Animal Science)

Postgraduate studies in Animal Science are designed to produce leaders in Academia, government, and the commercial industries that are affiliated with the field of animal science. Candidates will be equipped with a sound theoretical and applied knowledge in animal production biotechnology, breeding, nutrition, growth and development in order to improve the various roles of animals for mankind.

Objectives
At the end of the programme, the students should be able to:

1. Demonstrate detailed knowledge and understanding of the different aspects to animal production and husbandry geared towards sustainable agriculture and food sufficiency
2. Develop disease and pest management strategies for livestock.
3. Identify useful genes from new or unique sources to improve animal nutritional quality, disease resistance, stress tolerance, conversion rates and commercial potential.
4. Formulate and evaluate appropriate policies to enhance animal production, protection and utilization.
5. Assume leadership role in academic, research, field and laboratory settings
6. Demonstrate ability to design and report a laboratory or field based research project and supply the relevant research skills while working within minimal supervision.
7. Show competence in communicating scientific findings.

Admission Requirements
Graduates (with B.Sc Hons./B.Agric.) in Agriculture who meet minimum and other University requirements both at O’level (5 Credit passes) and first degree (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.

Graduation Requirements
The MSc. Programme in Animal Science shall last for three semesters. The minimum CGPA for graduation shall be 2.50. It consists of course work and a research thesis. The minimum credit for graduation shall be 36 credit units distributed as follows:

<table>
<thead>
<tr>
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M Sc ANIMAL SCIENCE

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**GENERAL COURSES**

**CORE COURSES**

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<td>AGRY 801</td>
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<td>Advanced Monogastric Animal Production</td>
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<td>Recent Advances in Animal Nutrition</td>
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ELECTIVES (Choose TWO electives in 1st semester and three in 2nd semester)

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<td>ANSC 851</td>
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<td>Livestock Diseases and their Control</td>
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<td>Quantitative Genetics</td>
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<td>ANSC 871</td>
<td>Biotechnology in Animal Production</td>
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<tr>
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Total (38) | 16 | 16 | 6 |

Elective Courses for Specialised Areas:

**Animal Production and Management**

ANSC 872  Livestock Farming Systems
ANSC 861  Livestock Diseases and their Control
ANSC 871  Biotechnology in Animal Production

**Animal Nutrition**

ANSC 842  Advanced Instrumentation and feed Analysis
ANSC 852  Metabolism of Vitamins and Minerals
ANSC 871  Biotechnology in Animal Production

**Animal Breeding and Genetics**

ANSC 862  Quantitative Genetics
ANSC 851  Advanced Reproductive Physiology
ANSC 871  Biotechnology in Animal Production
COURSE DESCRIPTION FOR M SC. ANIMAL SCIENCE

(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

(RELS 812) CREATION AND COSMOLOGY 2 Credits

AGRY 801 ADVANCED AGRICULTURAL STATISTICS 3 Credits

ANSC 802 ADVANCED RUMINANT ANIMAL PRODUCTION 2 Credits
Establishment of Dairy and Beef cattle, Sheep and Goats enterprises. Production systems for the different ruminant animal species. Breeding, feeding, housing management systems and health care. Record keeping, judging and selection.

ANSC 811 ADVANCED MONOGASTRIC ANIMAL PRODUCTION 2 Credits
Establishment of Poultry, Pig and Rabbit enterprises. Production systems and techniques for the different monogastric animal and mini-livestock species. Breeding, feeding, housing and health care. Record keeping, judging and selection.

ANSC 812 RECENT ADVANCES IN ANIMAL NUTRITION 2 Credits

ANSC 821 ADVANCED ANIMAL BREEDING 2 Credits
Theoretical basis of animal improvement programmes: Population structure, design of breeding programmes and repeated measurements. (Variance components, heritability and repeatability estimate). Predictions of breeding values, selection indices, BLUP, Performances and progeny testing,
Generations intervals, Dissemination of improvement, Genes and genotype and environmental interaction, prediction and evaluation of genetic changes, Breed evaluation.
Tutorials: Problems and applications are discussed in tutorial sessions.

ANSC 822 COMPUTER APPLICATIONS IN ANIMAL SCIENCE 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.

ANSC 831 ANIMAL PRODUCTS AND PROCESSING 3 Credits
Preparation for slaughtering, evisceration and dressing; care of carcass and its cuts; processing and care of hides, skin and wool. Processing and storage of meat and milk; milk processing and microbiology; milk hygiene. Egg quality and grading; chemistry and nutritive value of meat and eggs. Marketing and distribution of animal products.


ANSC 842 ADVANCED INSTRUMENTATION AND FEED ANALYSIS 2 Credits
Use of various instruments in the analysis of feeds, techniques of chromatography, spectrophotometer, electrophoretic methods, catorimeters, catorimeters, thiorimeters, fermentation vats, etc. Recent advances in instrumentation.

ANSC 851 ADVANCED REPRODUCTIVE PHYSIOLOGY 2 Credits
ANSC 852  METABOLISM OF VITAMINS AND MINERALS  2 Credits
Chemistry of vitamins and minerals. Function of vitamins and minerals in the metabolism and physiology of farm animals and their deficiency symptoms. Inter-relationships between vitamins and minerals.

ANSC 861  LIVESTOCK DISEASES AND THEIR CONTROL  2 Credits
Causative agents of livestock diseases; viruses, bacteria, fungi, mycoplasma, protozoa, endo- and ecto-parasites. Diseases of different livestock species, causes, symptoms, prevention, control and treatment. Nutritional deficiencies and metabolic disorders

ANSC 862  QUANTITATIVE GENETICS  2 Credits
Frequencies of genes and genotypes; quantitative treatment of changes of gene frequencies. Sampling from small populations; values and means, variances. Resemblance between relatives; heritability, repeatability; selection response and its prediction. Inbreeding and Crossbreeding. Threshold correlated characters

ANSC 871  BIOTECHNOLOGY IN ANIMAL PRODUCTION  2 Credits
Gene/chromosomes: Structures and functions, Role of genes in animal genetics, quantitative heredity, Basic mendelian genetics and molecular basis of inheritance. Animal cell and tissue culture, Maturation of oocytes, in-vitro oocytes fusion, cloning, species hybridization, interspecies embryo transfer, DNA Sequences, blood group analysis and genetic polymorphism, Electro phorentic techniques, Genes and genetic markers, linkage mapping by recombination, mapping and map distances, chi-square test, mitotic segregation and recombination, analysis of single meiosis, sex chromosome and sex linkages.

ANSC 872  LIVESTOCK FARMING SYSTEMS  2 Credits
Types and characteristics of livestock farming / production systems. Concept, methodology and applicability of livestock farming systems

ANSC 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.
MPhil, MPhil/PhD, Ph D, ANIMAL SCIENCE

PHILOSOPHY
Postgraduate training programs in animal science are designed to produce leaders in Academia, government, and the commercial industries that are affiliated with the field of animal science. Candidates will be equipped with a sound theoretical and applied knowledge in animal production biotechnology, breeding, nutrition, growth and development in order to improve the various roles of animals for mankind.

Objectives
At the end of the programme, the students should be able to:

1. Demonstrate detailed knowledge and understanding of the different aspects to animal production and husbandry geared towards sustainable agriculture and food sufficiency.
2. Develop disease and pest management strategies for livestock.
3. Identify useful genes from new or unique sources to improve animal’s nutritional quality, disease resistance, stress tolerance, conversion rates and commercial potential.
4. Formulate and evaluate appropriate policies to enhance animal production, protection and utilization.
5. Assume leadership role in academic, research, field and laboratory settings.
6. Demonstrate ability to design and report a laboratory or field based research project and supply the relevant research skills while working within minimal supervision.
7. Show competence in communicating scientific findings.

Admission Requirement.

(a) Introduction:
The programme is intended for candidate wishing to do post-graduate research in the areas of animal nutrition (non ruminant and ruminant), environmental physiology, genomics and genetics, meat science, growth and development and animal management. The duration of the programme is a minimum of 6 semesters and a maximum of 8 semesters for full time student, minimum of 8 semesters and maximum of 10 semesters for part-time students.

The Ph. D programme is open only to candidates having M.Sc in Animal Science or equivalent with a weighted average grade of 60%. The catchments areas for candidates include all the states of the federation of Nigeria and other countries world-wide.

(b) Requirements for Graduation:
The doctoral degree requires a minimum work load of 58 credit units of which 16 credit units are for the thesis, 20 credit units of course work and 16 credit units of seminar. Each student will be assigned a major adviser/supervisor in accordance with the nature of the student’s thesis research interest and time availability of the post graduate facility. A supervisory committee shall consist of 3 supervisors for each student, one of which shall be designated the main supervisor.

The duration of the programme is a minimum of 6 semesters and a maximum of 8 semesters for full time students; minimum of 8 semesters and maximum of 10 semesters for the part-time students.
The minimum credits for graduation shall be 58 credit Units distributed as follows:

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**COURSE CONTENT**

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- Choose AGRI 901 and any two other electives during First Semester; and ANSC 902 and any two other electives during second semester.
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

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 2 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.

ANSC 902 PROJECT RESEARCH PLANNING AND EXECUTION 3 Credits
Planning and development of research project pro. Implementation of research protocols, administration, sourcing for and management of research fund.

ANSC 903 SEMINAR I: SPECIAL TOPICS IN ANIMAL SCIENCE
ANSC 904 SEMINAR II: ISSUES IN LIVESTOCK PRODUCTS DEVELOPMENT AND SAFETY
ANSC 905 SEMINAR III: RECENT ADVANCES IN ARTIFICIAL INSEMINATION
ANSC 906 SEMINAR IV: ISSUES ON ANIMALS IN SUSTAINABLE AGRICULTURE
ANSC 912 APPLICATION OF BIOTECHNOLOGY IN ANIMAL SCIENCE  3 Credits
Strategies and application of DNA\RNA based methodologies – animal production systems and animal research programs.

ANSC 921 RECENT FINDINGS IN ANIMAL NUTRITION  3 Credits
Recent advances in the nutrition of domestic animals. In-depth coverage of nutrients, nutrient metabolism and nutrient requirements. Biochemical and physiological functions of nutrients in life processes

ANSC 922 RECENT FINDINGS IN ANIMAL BREEDING  3 Credits

ANSC 931 LIVESTOCK FARMING SYSTEMS  2 Credits
Types and characteristics of livestock farming/production systems with emphasis on Nigeria. Concept, methodology and applicability of livestock farming systems. Small holder livestock production systems in Africa with particular emphasis on Nigeria.

ANSC 932 CLIMATE AND LIVESTOCK PRODUCTION  2 Credits

ANSC 941 GROWTH AND DEVELOPMENT OF MEAT ANIMALS  3 Credits
Growth and development of livestock animals with emphasis on the prenatal and postnatal differentiation and development of skeletal muscle, bone and adipose tissue. Classical concepts of animal growth discussed along with the genetic, hormonal and nutritional factors that affect growth.

ANSC 942 ETHICAL ISSUES IN ANIMAL SCIENCE RESEARCH  2 Credits
Ethics and issues in animal science research such as animal welfare, animal rights, and animal liberation. The ethics and philosophies underlying human/animal relations. Assessment of animal welfare using knowledge of animal health, productivity, physiology and behavior. Review of the controversies and current issues relating to the use of animals in research. Evaluates the impact of current and future legislations on animal use and management practices.

ANSC 952 TOPICAL RESEARCH  2 Credits
Student prepares, present and discuss special topics in any aspect relating to their specialization.

ANSC 999 RESEARCH THESIS  12 Credits
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 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 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 36 credit Units distributed as follows;

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**M Sc. AGRONOMY**

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<td>AGRY 831</td>
<td>Advanced Soil Analytical Techniques</td>
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<td>AGRY 832</td>
<td>Micro-Climatology</td>
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<td>AGRY 841</td>
<td>Crop Ecology</td>
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**ELECTIVE COURSES (Choose ONE per Semester)**

Advanced Soil Mineralogy

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<td>Recent Advances in Horticulture</td>
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<td>AGRY 862</td>
<td>Cropping System and Modeling</td>
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<td>AGRY 871</td>
<td>Advanced Plant Breeding and Genetics</td>
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<tr>
<td>AGRY 872</td>
<td>Advanced Soil Fertility and Plant Nutrition</td>
<td>-</td>
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<tr>
<td>AGRY 881</td>
<td>Biotechnology in Crop Production</td>
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<td>AGRY 882</td>
<td>Agro forestry Component Interaction</td>
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<td>AGRY 891</td>
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Total 38

16

16

6

**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 Specialised Areas:**

(A) **Agronomy**

AGRY 871 Cropping Systems and Modeling
AGRY 881 Advanced Soil Fertility and Plant Nutrition
AGRY 882 Biotechnology in Crop Production
(B) **Agro Forestry**
AGRY 891  Agro Forestry Component Interaction
AGRY 871  Cropping Systems and Modeling
AGRY 882  Biotechnology in Crop Production

(C) **Soil Science**
AGRY 861  Advanced Soil Mineralogy
AGRY 881  Advanced Soil Fertility and Plant Nutrition
AGRY 882  Biotechnology in Crop Production

(D) **Plant Breeding**
AGRY 872  Advanced Plant Breeding and Genetics
AGRY 871  Cropping Systems and Modeling
AGRY 882  Biotechnology in Crop Production

(E) **Horticulture**
AGRY 862  Recent Advances in Horticulture
AGRY 871  Cropping Systems and Modeling
AGRY 882  Biotechnology in Crop Production
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, 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 812: CREATION AND COSMOLOGY 2 Credits

AGRY 801 ADVANCED AGRICULTURAL STATISTICS 3 Credits

AGRY 802 PRINCIPLES AND METHODS IN PEST MANAGEMENT 2 Credits
Methods of pest control – Biological, Genetics, Host resistance, Environmental, mechanical, Physical, Chemical, Cultural, Legislative control, Principles of integrated pest management (IPM) Development of IPM programmes.

AGRY 811 ADVANCED CROP PRODUCTION 2 Credits
Physiological origins of crop yield. “Potential” versus “harvest” yield and the role of environmental factors. Management practices employed in crop production. Farming systems; traditional and modern concepts. The eco-physiological consideration of multiple cropping Contemporary models in cropping systems and research methodologies.

AGRY 812 WEED CONTROL AND HERBICIDES CHEMISTRY 2 Credits
AGRY 821   PHYSIOLOGY OF CROP GROWTH AND YIELD                    2 Credits
Measurement of growth resources, Dry matter production and its distribution into various sinks. Role of
plant characters in development of growth and yield. Regulation of growth and yield, Climatic factors
affecting growth and yield of field crops.

AGRY 822   CROP TAXONOMY                        2 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, chemomy, chemo-
systematic.

AGRY 831   ADVANCED SOIL ANALYTICAL TECHNIQUES                3 Credits
Methods for isolation ad recognition of soil components. Fundamental principle of analytical techniques,
(Spectrophotometry, eleetroanalytical techniques, x-ray diffraction, thermal methods. AAS, X-ray
fluorescence, spectrography chromatography etc). The application of radio-isotonic methods and gas
chromatography to the study of the movement of ions and pesticides in soils. Advanced spectrometry
instrumentation. Quality control and laboratory management. Analytical techniques in soil physics. Soil
microbiological and biochemical assays.

AGRY 832   MICRO-CLIMATOLOGY        2 Credits
Study of the climate near the ground in relation to crop production. Radiation balance, beat balance, sol
heat fluxion and soil temperature. Sensible heat lux, surface and air temperatures wind ad turbulent
transport. Atmospheric humidity, transpiration, evaporation and evapotranspiration carbon dioxide balance

AGRY 841   CROP ECOLOGY                       2 Credits
Ecology and Agronomy of different crops. Climatic, edaphic, biotic and geographical factors of the
environment and their relationships to crop distribution and productivity.

AGRY 842   COMPUTER APPLICATIONS IN AGRONOMY RESEARCH    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 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 871  CROPPING SYSTEM AND MODELINNG  2 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 872  ADVANCED PLANT BREEDING  2 Credits

AGRY 881  ADVANCED SOIL FERTILITY AND PLANT NUTRITION  2 Credits

AGRY 882  BIOTECHNOLOGY IN CROP PRODUCTION  2 Credits

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 899  RESEARCH PROJECT  2 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.
MPhil, MPhil/PhD, Ph D, GRONOMY

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 58 credits unit of which 16 credit units are for the thesis, 20 credit units of course work and 16 credits 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 part-time students.
iii) Minimum credits for graduation shall be 58 Credit Units distributed as follows:

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<thead>
<tr>
<th>Course</th>
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<tr>
<td>RELS</td>
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<td>GEDS</td>
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M.Phil/PhD, Ph.D. Agronomy (Crop Science Option)

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- Students are to add up to the General and Core courses to the maximum allowed per semester from the electives reflecting their areas of specialization/interest after due consultation with the HOD PG programme Coordinator for the department.
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.

RELS 923: SEMINAR IN RELIGION AND SCIENCES 2 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 2 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 902 CROP ECOLOGY AND AGRO CLIMATOLOGY 2 Credits
Climatic, edaphic, biotic, and geographical factors of the environments and their relationships to crop distribution and production.

CRPT 903 SEMINAR I: REVIEW ON SOIL FERTILITY AND RESTORATION

CRPT 904 SEMINAR II: REVIEW ON RECENT ADVANCES IN BIOTECHNOLOGY AND CROP BREEDING

CRPT 905 SEMINAR III: IMPACT OF CLIMATE CHANGE ON CROP PRODUCTION

CRPT 906 SEMINAR IV: MODERN TECHNIQUES IN CROP PEST MANAGEMENT
CRPT 911 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 912 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 921 MICROCLIMATOLOGY  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 humandity, transpiration, evaporation and evapotranspiration; carbon dioxide balance and photosynthesis, improvement of water use efficiency; modification of the microclimate in crop production.

CRPT 922 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 micro-organisms 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 931 PRODUCTION TECHNOLOGY OF TROPICAL FRUITS AND 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  2 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.

(AGRI 999) RESEARCH THESIS  12 Credits
## MPhil, MPhil/Ph.D, Ph.D. Agronomy (Soil Science Option)

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<td>SOSC 922</td>
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<td>Soil and Plant Analysis</td>
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</table>

**Total 58**

13 11 10 8 16

- Take two courses each from the elective courses in the first and second semesters 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.

RELS 923: SEMINAR IN RELIGION AND SCIENCES
2 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 901 SOIL CHEMISTRY
3 Credits
The solid and liquid phases of the soil as related to the soil-plant system; rate processes in relation to nutrient availability (mass flow, diffusion, interception, ion-exchange complex etc); soil pH and acidity index.

SOSC 902 SOIL AND PLANT ANALYSIS
2 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.

CRPT 903 SEMINAR I: REVIEW ON SOIL FERTILITY AND RESTORATION

CRPT 904 SEMINAR II: REVIEW ON RECENT ADVANCES IN BIOTECHNOLOGY AND CROP BREEDING

CRPT 905 SEMINAR III: IMPACT OF CLIMATE CHANGE ON CROP PRODUCTION

CRPT 906 SEMINAR IV: MODERN TECHNIQUES IN CROP PEST MANAGEMENT
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 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 content as a function of matric suction, osmotic relationships in the soil solution, swelling pressures and evapotranspiration.

SOSC 921  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 and
MSC AGRICULTURAL ECONOMICS

PHILOSOPHY
Post graduate studies in Agricultural Economics are designed to further develop the spirit of enquiry in the graduate students through training in research in an atmosphere of intellectual independence and individual creativity. Candidate will be equipped with a sound theoretical and applied knowledge in Agricultural Economics and the various subdivisions in the field in order to fit into Academics, government and the commercial industries.

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 polices
3. Assume leadership role in academic and research while working within minimal supervision.
4. Show competence in communicating 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 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 36 credit Units distributed as follows;

<table>
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<tr>
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<td>Research Project</td>
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<td>Electives</td>
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M Sc. Agric Economics

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<tr>
<th>COURSE CODE</th>
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<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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<tbody>
<tr>
<td>GEDS801</td>
<td>Religion, Faith and Morality</td>
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<tr>
<td>GEDS802</td>
<td>Statistics</td>
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<td>RELS 812</td>
<td>Creation and Cosmology</td>
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<td>AGRY 801</td>
<td>Advanced Agricultural Statistics</td>
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<td>AGEM 801</td>
<td>Micro Economic Theory</td>
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<td>AGEM 802</td>
<td>Macro Economic Theory</td>
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<td>AGEM 811</td>
<td>Research Methodology</td>
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<td>AGEM 899</td>
<td>Thesis Research</td>
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**GENERAL COURSES**

**CORE COURSES**

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<td>AGEM 822</td>
<td>Quantitative Methods</td>
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<td>AGEM 832</td>
<td>Resource Economics</td>
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<td>AGEM 841</td>
<td>International Agric Trade</td>
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<td>Farm Management and Finance</td>
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<td>AGEM 851</td>
<td>Agribusiness Analysis &amp; Management</td>
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<td>Agricultural Marketing &amp; Cooperatives</td>
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<td>Project Appraisal &amp; Planning</td>
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**ELECTIVE COURSES**

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</table>

**Note:** Students must take all core and general courses plus as many electives to add up to 16 and 14 credits for first and second semesters reflecting their choice of specializations.
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 812: CREATION AND COSMOLOGY 2 Credits

(AGEM 801) MICRO ECONOMIC THEORY 2 Credits

(AGEM 802) MACRO-ECONOMIC THEORY 2 Credits
The mechanics of national income determination, consumption demand; demand function, investment demand; classical price level determination; kepnesion employment; wage price dynamics, and growth theories.

(AGEM 811) RESEARCH METHODOLOGY 2 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.

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

(AGEM 821) ECONOMETRICS 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.
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 planning under uncertainty; efficiency and innovation in agriculture. Fixed asset theory, dynamics and technical change.

AGEM 832 RESOURCE ECONOMICS 2 Credits
Substantive scope and disciplinary context of resource economics; organization 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 Credit
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 and 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 to 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 behavioral 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.

AGEM 862  PROJECT APPRAISAL AND PLANNING  2 Credits
Meaning of projects appraisal, relationship between appraisal and planning; The distinction between financial and economic appraisal; the tools of project analysis; the arithmetic of project appraisal; issues in the appraisal of agricultural projects, the case for planning agricultural development, the formulation of agricultural plan implementation.

AGEM 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
Post graduate studies in Agricultural Economics are designed to further develop the spirit of enquiry in the graduate students through training in research in an atmosphere of intellectual independence and individual creativity. Candidate will be equipped with a sound theoretical and applied knowledge in Agricultural Economics and the various subdivisions in the field in order to fit into Academics, government and the commercial industries.

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 polices.
3. Assume leadership role in academic and research while working within minimal supervision.
4. Show competence in communicating scientific findings.

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 the part-time 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 56 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 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 6 semesters and maximum of 10 semesters for the part-time students.

ii) Minimum credits for graduation shall be 56 credit units distributed as follows:-
## Course Content

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<tr>
<th>COURSE CODE</th>
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<td>GEDS901</td>
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<td>GEDS902</td>
<td>Statistics</td>
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<td>GEDS911</td>
<td>Research Proposal and Writing</td>
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<td>RELS 923</td>
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<td>AGRI 901</td>
<td>Statistics and sampling Technique</td>
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<td>AGEM 902</td>
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<td>AGEM 903</td>
<td>Seminar I: Proposed Research Theme &amp; Conceptual Framework</td>
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<td>AGEM 904</td>
<td>Seminar II: Seminar and Reading in Quantitative Technique</td>
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<td>AGEM 905</td>
<td>Seminar III: Research Instrument Design</td>
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<td>AGEM 906</td>
<td>Seminar IV: Field Data Collection, Processing and Analysis</td>
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<td>AGEM 906</td>
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<td>AGEM 999</td>
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<td>AGEM 911</td>
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<td>AGEM 912</td>
<td>Advanced Production Economics</td>
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<td>AGEM 921</td>
<td>Advanced Resource Economics</td>
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<td>AGEM 922</td>
<td>Advanced Agribusiness Management</td>
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<td>AGEM 931</td>
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<td>AGEM 932</td>
<td>Cooperative Business</td>
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<td>AGEM 941</td>
<td>Agricultural Administration</td>
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<td>Nigeria Government &amp; Agriculture</td>
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<td>AGEM 961</td>
<td>System Analysis &amp; 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, $X^2$ 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.

RELS 923: SEMINAR IN RELIGION AND SCIENCES 2 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 STATISTICS AND SAMPLING TECHNIQUE 2 Credits
Macov chain, 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 902 ADVANCED MACRO ECONOMICS 2 Credits
Presentation of the main body of aggregative economic theory, including theory of money, capital, general equilibrium dynamic process, and growth.

AGEM 907 ADVANCED MICRO ECONOMICS 2 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.
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<tr>
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<th>Course Title</th>
<th>Credits</th>
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<td>AGEM 903</td>
<td>SEMINAR I: PROPOSED RESEARCH THEME AND CONCERTUAL WORK</td>
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<td>AGEM 904</td>
<td>SEMINAR II: SEMINAR AND READINGS IN QUANTITATIVE</td>
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<td>AGEM 905</td>
<td>SEMINAR III: IMPACT OF CLIMATE CHANGE ON CROP PRODUCTION</td>
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<td>AGEM 906</td>
<td>SEMINAR IV: MODERN TECHNIQUES IN CROP PEST MANAGEMENT</td>
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<td>AGEM 911</td>
<td>FARM DECISION THEORY</td>
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<td>AGEM 912</td>
<td>ADVANCED PRODUCTION ECONOMICS</td>
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<td>AGEM 921</td>
<td>ADVANCED RESOURCES ECONOMICS</td>
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<td>AGEM 922</td>
<td>ADVANCED AGRIBUSINESS MANAGEMENT</td>
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<td>AGEM 931</td>
<td>MARKETING MANAGEMENT</td>
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<td>AGEM 932</td>
<td>COOPERATIVE BUSINESS</td>
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</table>

AGEM 911  FARM DECISION THEORY
Probability concepts for farm decisions: decision involving expected values; classes of farm decision process; treatment of decision alternatives, multiple criterion weighting; applications to tree-crop farms; application to field crop farms; fishery produced and forestry.

AGEM 912  ADVANCED PRODUCTION ECONOMICS
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
Analytical framework for demand and supply of farm resources; planning for farm resource 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 resource developments with special emphasis on irrigation water; agricultural and agricultural land taxation and water pricing efficiency.

AGEM 922  ADVANCED AGRIBUSINESS MANAGEMENT
Scope and methods of agribusiness management. Organizational patterns and criteria for organizational effectiveness. Planning and decision making and the use of operations management techniques in agribusiness research.

AGEM 931  MARKETING MANAGEMENT
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  COOPERATIVE BUSINESS
Theory, principles and philosophy of cooperation; cooperatives as a form of business organization. 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 Credits
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.
# LIST OF ACADEMIC STAFF

<table>
<thead>
<tr>
<th>NAME OF ACADEMIC STAFF</th>
<th>AREA OF SPECIALIZATION</th>
<th>DISCIPLINE</th>
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<td>A. O. Akinsoyinu</td>
<td>Animal Nutrition</td>
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<td>A. R. Abdullah</td>
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<tr>
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<td>Professor</td>
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<tr>
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DEPARTMENT OF BIOSCIENCES AND BIOTECHNOLOGY
SCHOOL OF BASIC AND APPLIED SCIENCES
DEPARTMENT OF BIOSCIENCES AND BIOTECHNOLOGY
POSTGRADUATE DIPLOMA PROGRAMME
(PGD MICROBIOLOGY)

OBJECTIVES OF THE PROGRAMME

The objectives of the postgraduate programme in Microbiology are:

1. To train students in the methods of scientific enquiry for those wishing to pursue academic career in research and/or teaching.

2. To train and upgrade students in the chosen field.

3. To train students in faith-based scientific enquiry and encourage those wishing to pursue academic career in research and/or teaching and other relevant professions. The faith based principles will be incorporated into the course outline by individual lecturers.

4. To provide insight into modern microbiological techniques needed in the food, pharmaceutical, agrochemical, brewing and other applied disciplines.

PHILOSOPHY

The philosophy of the Department of 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 recruitment.

ADMISSION REQUIREMENTS

I. Admission is open to holders of Bachelor degree in Microbiology from Babcock University or other approved universities with a minimum of third class grade and/or other acceptable class of degrees in courses such as Biology, Botany, Zoology, Nutrition, Food Science, Biotechnology and other related courses. Higher National Diploma (HND) in Microbiology or other related courses with a minimum of upper credit.

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

III. Other details relating to admission requirements are as given in the General Regulations of the Postgraduate School

GRADUATION REQUIREMENTS

To obtain the PGD in Microbiology, a candidate must take and pass a minimum of 27 units of courses made up as follows:
(i) 23 units of compulsory courses from the 700 level courses which must include the research project

(ii) At least 4 additional units from the optional courses at the 700 level

I. List of Courses

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242
### GENERAL COURSES

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### CORE COURSES

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<td>MBIO 711</td>
<td>Microbial Physiology &amp; Biochemistry</td>
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<td>MBIO 731</td>
<td>Principles of Parasitology</td>
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<td>MBIO 732</td>
<td>Basic Immunology</td>
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<tr>
<td>MBIO 752</td>
<td>Current topics in Microbiology</td>
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<td>MBIO 799</td>
<td>Research Project</td>
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### ELECTIVES

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<td>MBIO 721</td>
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<td>MBIO 741</td>
<td>Epidemiology of Infectious Diseases</td>
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<td>MBIO 742</td>
<td>Soil Microbiology</td>
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<tr>
<td>MBIO 751</td>
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<td>MBIO 761</td>
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<thead>
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* Research topics are to be concluded in the 1st semester

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**II. SYNOPSIS OF THE COURSES**

**MBIO 701  APPLIED AND EXPERIMENTAL MICROBIOLOGY  (2 credits)**
Overview of the microbial world including a survey of the structure, functioning and diversity of microorganisms. Introduction to the fundamental concepts of microbial physiology, ecology, genetics and pathogenesis. Microbiological laboratory procedures including sterile technique, microscopy, enrichment and isolation, and preservation. Extensive experience in the cultivation of microorganisms.
MBIO 711  MICROBIAL PHYSIOLOGY AND BIOCHEMISTRY  (2 Credits)
Main aspects of microbial growth, energy and biosynthetic pathways, metabolic regulation and integration of pathways into a coherent system. Emphasis on physiological diversity, global control systems governing the adaptation of microorganisms to different environmental conditions, and emerging methodologies.

MBIO 712  MICROBIAL BIOTECHNOLOGY  (2 Credits)

MBIO 721  GENERAL MYCOLOGY  (2 Credits)
Concept of fungal taxonomy and identification, characteristics of fungal growth, fungal pathogenicity, and pre-disposing factors. Diagnosis of fungal infection, mycosis treatment Lichens. Fungal genetics.

MBIO 722  PATHOGENIC BACTERIOLOGY  (2 Credits)
Culture and physiological characteristics of the pathogenic bacteria. Recommended procedures for the cultivation of both the common and rare pathogens isolated from clinical materials. Conventional and rapid biochemical methods for detection and identification of medically important bacteria. Serological procedures on microorganisms of prime medical concern. Prescribed tests for the susceptibility of bacteria to antibiotics and antimitabolites.

MBIO 731  PRINCIPLES OF PARASITOLOGY  (2 Credits)
Classical and modern parasitology concentrating on protozoan and worm parasites of major medical/veterinary importance. Topics include basic principles of parasitology, life cycles, epidemiology, host parasite interactions, drug treatments and vector control programs along with information on the basic biology, biochemistry and genetics of selected parasites. The use of genetic tool RNA interference to validate potential new drug targets in the protozoan parasite.

MBIO 732  BASIC IMMUNOLOGY  (2 Credits)
Immunology of microbial infection, exploring protein chemistry of antibodies, including antibody isolation using salt precipitation, ion exchange, and molecular sieving column chromatography, spectrophotometry, SDS polyacrylamide gel electrophoresis (PAGE), Western blotting, immunoprecipitation, enzyme-linked immune assay (ELISA) and immune fluorescence staining. Classic serological assays including complement fixation test, passive haemagglutination and immunodiffusion.

MBIO 741  EPIDEMIOLOGY OF INFECTIOUS DISEASES  (2 Credits)
The mechanics by which micro-organisms, including bacteria, protozoa, fungi and viruses, infect animals and plants and cause disease, and the mechanisms of host defense against infectious microbes. Emerging and re-emerging infectious diseases of plants and animals and development of resistance to antimicrobial chemicals. Vector-pathogen interaction, prevention and control of infectious diseases.

MBIO 742  SOIL MICROBIOLOGY  (2 Credits)
Biogeochemical processes involving interaction of various microbes. Mineralogical transformation by microorganisms.

**MBIO 751 ENVIRONMENTAL MICROBIOLOGY** (2 Credits)
Interaction of microbes and their environment. Microbial distribution and activities in natural systems, and their importance to ecosystem function and environmental quality. Microbial activity; microbial transformations and their impact on different environments; species diversity, detection and control of microorganisms, and associations with higher organisms. Modern techniques of environmental microbiology.

**MBIO 752 CURRENT TOPICS IN MICROBIOLOGY (SEMINAR)** (2 Credits)
Under the supervision of a staff, each student is expected to select a topic for detailed study based on literature search. The emphasis should be on recent advances in the chosen field of microbiology. The study shall be presented at a seminar. A write up on the topic shall also be submitted.

**MBIO 761 PHARMACEUTICAL MICROBIOLOGY** (2 Credits)

### 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>
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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. Ogunwemo</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>
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<tr>
<td><em>Vincent W. Ogunndero</em></td>
<td>Industrial/ Microbiology, Microbial Physiology/Biochemistry</td>
<td>Microbiology</td>
<td>Ph.D, B.Sc</td>
<td>Professor</td>
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<tr>
<td>Stephen O. Fapohunda</td>
<td>Industrial Microbiology/Mycotoxicology</td>
<td>Microbiology</td>
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<td>Professor</td>
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<tr>
<td>Otunola A Adedayo</td>
<td>Medical Microbiology/Biotechnology</td>
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<td>Ph.D, M.Sc, B.Sc</td>
<td>Professor</td>
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<tr>
<td>Isaac O. Oyewole</td>
<td>Parasitology, Bioinformatics and Cellular Parasitology &amp;</td>
<td>Ph. D, M.Sc., B.Sc.</td>
<td>Associate Professor</td>
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</table>
OBJECTIVES OF THE PROGRAMME

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.

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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 Bachelor’s degree in Microbiology of Babcock University or other approved universities with at least a second class lower division. Other bachelor’s degree holders with a minimum of a second class lower in related courses 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.
   (iv) 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) 21 units of compulsory courses from the 800 level courses available
   (iii) 5 additional units from the optional courses available
   (iv) Candidates must also take the 6 units of compulsory research project

PROGRAMME STRUCTURE

M. Sc LIST OF COURSES: MICROBIOLOGY

<table>
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<tr>
<th>COURSE CODE</th>
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<tr>
<td>GEDS 802</td>
<td>Statistics</td>
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<td>MBIO 801</td>
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<td>MBIO 811</td>
<td>Advanced Microbial Physiology &amp; Biochemistry</td>
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<td>MBIO 861</td>
<td>Experimental Microbiology</td>
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<td>MBIO 871</td>
<td>Advanced Research Techniques in Microbiology</td>
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<td>MBIO 802</td>
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*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 802  ADVANCED MOLECULAR GENETICS & BIOINFORMATICS 2+0+3 (3 units)

MBIO 811  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)**

**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 871  ADVANCED MICROBIAL ECOLOGY  0+0+6 (2 units)**
MBIO 871  ADVANCED RESEARCH TECHNIQUES IN MICROBIOLOGY  0+0+6 (2 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 881  ADVANCED PHARMACEUTICAL MICROBIOLOGY  (2 units)

MBIO 861  EXPERIMENTAL MICROBIOLOGY  0+0+6 (2 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 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.

Ph. D MICROBIOLOGY
(Six semesters duration with very intensive research)

a)  Admission requirements
The programme is open to candidates with M. Sc or M. Phil degree in Microbiology from Babcock University and any other university approved by the university senate.
(i)  A candidate with M. Phil must score an average of 60 B+ in his coursework for the programme
(ii) Candidates with M. Sc degree from Universities which run four semesters M. Sc programme, and with 60B+ average in their coursework are also eligible for admission.
(i)  Candidates must satisfy all other conditions stipulated in the regulations of the post-graduate school.

(b)  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. Coursework for the PhD shall amount to 40 credits, and the thesis shall amount to 16 credits, for a total of 56 credits. The minimum CGPA for graduation shall be 4.0 on a 5-point scale.
Research Work - 16 Units  
Seminar - 8 Units  
Core Courses - 14 Units  
General Courses - 8 Units  
Electives - 9 Units  
Total - 55 Units

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

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*Choose from the Cognate 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.

MBIO 941 Advanced food Microbiology  
MBIO 951 Advanced Pharmaceutical Microbiology  
MBIO 961 Advanced Environmental Microbiology  
MBIO 902 Advanced Medical Microbiology  
MBIO 912 Advanced Microbial Physiology  
MBIO 942 Advanced Epidemiology
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 endeavor is stressed.

RELS 923 SEMINAR IN RELIGION AND SCIENCE  (2 Credits)
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.

MBIO 901 ADVANCED INDUSTRIAL MICROBIOLOGY & BIOTECHNOLOGY  (3 units)
The use of micro-organisms in food and industrial fermentation techniques. Micro-organisms of industrial importance: their characteristics, sources and large scale production. The selection and manipulation of industrial micro-organisms including recent advances in plant and animal cell culture.

**MBIO 902 ADVANCED MEDICAL MICROBIOLOGY** (3 Units)

Infectious diseases affecting the various body systems are considered with reference to their etiology, clinical features, laboratory diagnosis and control. Specific aspects of pathogenicity and epidemiology are also covered; where possible, a detailed consideration of one infectious disease is used to illustrate general principle applicable to other diseases of the same group. To provide the necessary background, the anatomy and physiology of sites concerned will be reviewed briefly, and some non-infective disorder will be discussed.

In-depth study of major groups of viruses in human, their replication, host range, pathogenesis, immunology and epidemiology.

**MBIO 911 ADVANCED MICROBIOLOGICAL TECHNIQUES** (3 units)

Special studies on the use of instruments and methods of application. Discussion on chromatography and the different types; spectrophotography, spectrophotometry, manometry, fermentors as used in microbial physiology studies.

**MBIO 912 ADVANCED MICROBIAL PHYSIOLOGY** (3 units)

Special studies on transport mechanism in micro-organisms and cell cycle in prokaryotes and eucaryotes. Advances studies on movement of fungi, dissimilation, Energy yielding metabolic processes physiology of microorganisms and enzymes. Regulatory mechanism and microbial biosynthesis.

**MBIO 903 SEMINAR I – THEMES AND ISSUES IN MICROBIOLOGY** (4 units)

Students are requested to pick current issues in microbiology related to their field of interest which is to be presented in form of seminar. This shall be assessed by all the Lecturers in the Department.

**MBIO 904 RESEARCH SEMINAR II– THEMES AND ISSUES IN MICROBIOLOGY** (4 units)

Students are requested to select topics on current trends in microbiology in consultation with their supervisors which is to be presented in form of seminar. This shall be assessed by all the Lecturers in the Department.

**MBIO 922 ADVANCED PETROLEUM MICROBIOLOGY** (3 units)

Detailed study of the carbon cycle. Theories about the genesis of fossil fuels with emphasis on microbiological influence. Prospecting for oil by means of microbial indicators. Corrosion of pipes and equipment; microbiology of the process. Effects of oil spill on the environment; microbiological problems in transportation and storage, microbial decomposition of petroleum. Economic considerations and control methods.

**MBIO 932 ADVANCED MICROBIAL GENETICS** (3 units)

Genetics of viruses, bacteria and fungi. DNA technology by the use of cloned genes for basic research and commercial application mutagenesis – induction, isolation and biochemical characterization of mutants,
adaptation, transformation, transudation, conversion and conjugation. Specialized methods and techniques used in microbial genetics biotechnology and fermentation.

- Production of restriction enzymes
- Practical; tissue culture
- Transplantation of genes from one species into the genome of another
- Mapping and sequencing of DNA towards the development of medical, pharmaceutical, environmental and agricultural applications.

**MBIO 941 ADVANCED FOOD MICROBIOLOGY** (3 units)
Studies in food fermentation. Role of microbes in food production and spoilage. Contamination mycotoxins, methods of food preservation. Quality standard in food. Role of NAFDAC, FDA., etc.

**MBIO 942 ADVANCED EPIDEMIOLOGY** (3 units)

**MBIO 951 ADVANCED PHARMACEUTICAL MICROBIOLOGY** (3 units)

**MBIO 952 ADVANCED FERMENTATION TECHNOLOGY** (3 units)

**MBIO 961 ADVANCED ENVIRONMENTAL MICROBIOLOGY** (3 units)
Distribution, diversity and roles of microbes in industrial, marine and freshwater environments. Importance of bacteria in past, degradation, oil spills, sewage treatment, biochemistry and few fermentation.

**MBIO 999 THESIS RESEARCH** (16 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 defense of research proposal, execution of research work and oral defense 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>
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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>
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<tr>
<td>Stephen O. FAPOHUNDA</td>
<td>Industrial Microbiology/Mycology</td>
<td>Microbiology</td>
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<td>Professor</td>
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<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>
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<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>
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<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>
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<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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### NON-TEACHING STAFF STATUS AND QUALIFICATIONS

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<tbody>
<tr>
<td>1</td>
<td>Abolanle AKEREDOLU</td>
<td>HND Science Laboratory; PGD Food Technology</td>
<td>Principal Lab. Technologist</td>
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<tr>
<td>2</td>
<td>Precious C. KANU</td>
<td>HND Sec. Administration</td>
<td>Dept. Secretary</td>
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<td>3</td>
<td>Faith U. NWADIKE</td>
<td>HND Microbiology</td>
<td>Lab. Technologist</td>
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<tr>
<td>4</td>
<td>Folashade A. ANIYIKAYE</td>
<td>B.Tech Microbiology</td>
<td>Lab. Technologist</td>
</tr>
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* Sabbatical Appointment
** Adjunct
DEPARTMENT OF CHEMICAL AND ENVIRONMENTAL SCIENCES
BABCOCK UNIVERSITY
COLLEGE OF HEALTH AND MEDICAL SCIENCES
BENJAMIN S. CARSON (SNR.) SCHOOL OF MEDICINE
DEPARTMENT OF BIOCHEMISTRY

Prof. Olugbenga O. Adebawo
Head of Department

**STAFF LIST**

<table>
<thead>
<tr>
<th>NAME OF ACADEMIC STAFF</th>
<th>AREA OF SPECIALIZATION</th>
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<tr>
<td>Adebawo, O. O.</td>
<td>Nutrition and Food Biotechnology</td>
<td>Biochemistry</td>
<td>PhD, M.Sc., B.Sc.</td>
<td>Professor</td>
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<tr>
<td>Onajobi, F. D.</td>
<td>Lipids and Membranes</td>
<td>Biochemistry</td>
<td>PhD, B.Sc.</td>
<td>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 include 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

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.

b) Graduation requirements
To obtain MSc in Biochemistry, a candidate must take and pass with a C grade in all the courses of 36 units made up as follows:
(i) 8 units of general education courses at 800 level, 16 units of core courses from the 800 level courses which must include the research project
(ii) At least 12 units of electives.

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<td>BCHM 807</td>
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<td>BCHM808</td>
<td>Bioactive Compounds</td>
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<td>Industrial Biochemistry &amp; Biotech</td>
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<td>BCHM 813</td>
<td>Adv in Drug Metab</td>
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<td>BCHM 814</td>
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<td>BCHM 815</td>
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Note: Students will take the group of electives relevant to their area of specialization as highlighted below and as are required to make up the total for the semester as indicated in the table above:

**NUTRITIONAL BIOCHEMISTRY**
BCHM807 Advanced Enzymology  
BCHM 809 Nutritional Biochemistry  
BCHM808 Bioactive Compounds  
BCHM806 Advances in Molecular Biology and Genetic Engineering

**BIOCHEMICAL TOXICOLOGY**
BCHM807 Advanced Enzymology  
BCHM 813 Advances in Drug Metabolism  
BCHM 811 Biomembranes  
BCHM806 Advances in Molecular Biology and Genetic Engineering
MOLECULAR BIOLOGY AND BIOTECHNOLOGY
BCHM 807 Advanced Enzymology
BCHM 806 Advances in Molecular Biology and Genetic Engineering
BCHM 812 Industrial Biochemistry and Biotechnology
BCHM 815 Advances in Cell Biology

GENERAL ELECTIVES
BCHM 814 Bioinformatics 2 Credits
BCHM 816 Immunochemistry 2 Credits

Note: Students can take these electives in addition to those related to their area of specialization provided the total number of credits do not exceed 18 Credits per 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 Management and Entrepreneurship 2 Credits
The course will cover business environment, general management, financial management, entrepreneurship development, feasibility studies, marketing and managerial problem solving.

GEDS 803 ICT and Research Methodology 2 Credits
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 801 INTERMEDIARITY METABOLISM 3 Credits
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 Credits
Biochemical concept of clinical state, metabolic derangement in diseased state e.g. gout, cholera, cancer, anaemia, kwashiorkor. Biochemical basis of and lesion in genetic disease e.g. sickle cell anaemia, etc. Case studies on metabolic defects e.g. human haemoglobin and molecular diseases, e.g. sickle cell anaemia. Glucose-6-phosphate dehydrogenase deficiency. Disorders of carbohydrate and lipid metabolisms (Diabetes, plasma lipid and coronary heart disease, cholesterol partition in plasma lipoprotein). Inborn errors in metabolisms Molecular parasitology: Isolation, fractionation and culture of parasites. Comparative metabolic reactions of malarial parasite, trypanosome, and other parasites. Chemotherapy and resistance. Plasma isoenzyme profile in disease state. Plasma protein and A/G ratio. Liver function test. Case studies on metabolic defects; phenylketonuria, orotic aciduria and pseudohyperparathyroidism.
BCHM 803  EXPERIMENTAL BIOCHEMISTRY I  2 Credits
Gradient centrifugation and ultracentrifugation, Immunochemical techniques; Radioimmunoassay and enzyme-linked immunoassay, 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 Credits
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 Credits

BCHM 806  ADVANCES IN MOLECULAR BIOLOGY AND GENETIC ENGINEERING  3 Credits

BCHM 807  ADVANCED ENZYMEOLOGY  3 Credits

BCHM 808  BIOACTIVE COMPOUNDS  3 Credits
BCHM 809  NUTRITIONAL BIOCHEMISTRY  3 Credits
Food sensitivity and toxicology

BCHM 811  BIOMEMBRANES  3 Credits

BCHM 812  INDUSTRIAL BIOCHEMISTRY & BIOTECHNOLOGY  3 Credits
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; expert market, economics etc. Science/technology of food concentrates, fruit juice etc. Production. Biotechnology. Industrial analytical biochemistry: quality control and assurance; the public analysts; analytical kits RD&P.

BCHM 813  ADVANCES IN DRUG METABOLISM  3 Credits

BCHM 814  BIOINFORMATICS  2 Credits
Scripting, use of computer programme, installation of programs and navigation. Sequence BLASTING, gene sequence alignment, primer design. Phylogenetic analysis, protein alignment. Data mining.

BCHM 815  ADVANCES IN CELL BIOLOGY  2 Credits

BCHM 829  RESEARCH THESIS  6 Credits
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 816 IMMUNOCHEMISTRY**  
2 Credits  
The immune system. Structure and functions of primary and secondary lymphoid organs. Chemistry and biological properties of immunoglobulin. Antibody diversity, antigen, and the complement system. Inflammation, macrophages, leucocytes, phagocytosis. Abnormalities in the immune system; Immuno-oncology, HIV, etc. Immunochemical techniques

**MPhil, MPhil/PhD, PhD 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:-

**MPhil Biochemistry – the programme shall last for a minimum of four semesters**

(i) MSc degree in Biochemistry of Babcock University or MSc degree in Biochemistry, Physiological Chemistry, Biotechnology, Molecular Biology and Chemistry of any other University recognized by senate.

(ii) BSc (Hons) degree in Biochemistry obtained at least at the level of second class upper division from Babcock University or other university recognized by senate. Candidate may be required to satisfy the department in an interview or written examination or both.

**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. MPhil degree in Biochemistry from any other university approved by Senate.

(i) A candidate must score an average of 60(B+) or 4.00 on a five point scale to be eligible for the programme

(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 postgraduate school.

Facilities available include GC, HPLC, AAS, FTR. These are apart from the basic equipment in Biochemistry.

b) **Graduation Requirements**

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

**Course Work**
<table>
<thead>
<tr>
<th>Course Type</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Courses</td>
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<tr>
<td>Compulsory Courses</td>
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<td>Elective Courses</td>
<td>12 Units</td>
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<tr>
<td>Seminar</td>
<td>06 Units</td>
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<tr>
<td>Research Work</td>
<td>16 Units</td>
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<td><strong>Total</strong></td>
<td><strong>59 Units</strong></td>
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# PHD IN BIOCHEMISTRY

<table>
<thead>
<tr>
<th>COURSE CODE</th>
<th>COURSE TITLE</th>
<th>1&lt;sup&gt;st&lt;/sup&gt; Year</th>
<th>2&lt;sup&gt;nd&lt;/sup&gt; Year</th>
<th>3&lt;sup&gt;rd&lt;/sup&gt; Year</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>1&lt;sup&gt;st&lt;/sup&gt; SEM</td>
<td>2&lt;sup&gt;nd&lt;/sup&gt; SEM</td>
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<tr>
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<td>Personal &amp; Family Wholeness</td>
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<tr>
<td>GEDS 911</td>
<td>Research Proposal &amp; Writing</td>
<td>2</td>
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<tr>
<td>RELS 923</td>
<td>Seminar in Religion and Sciences</td>
<td>2</td>
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<tr>
<td>GEDS 912</td>
<td>Advanced Research Design</td>
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<td><strong>GENERAL REQUIREMENT</strong></td>
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<td></td>
<td><strong>COMPULSORY COURSE</strong></td>
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<tr>
<td>BCHM 905</td>
<td>Biostatistics</td>
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<tr>
<td>BCHM 903</td>
<td>Experimental Biochm II</td>
<td>2</td>
<td></td>
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<tr>
<td>BCHM 906</td>
<td>Advanced Molecular Biology</td>
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<tr>
<td>BCHM 922</td>
<td>Advanced Protein Science</td>
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<tr>
<td>BCHM 908</td>
<td>Biochemistry of Bioactive compounds</td>
<td>2</td>
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<tr>
<td></td>
<td>from Plants</td>
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<td>BCHM 911</td>
<td>Membrane Biochemistry</td>
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<td>BCHM 913</td>
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<td>BCHM 914</td>
<td>Research Seminar II</td>
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<td>BCHM 999</td>
<td>Dissertation</td>
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<td><strong>ELECTIVES (Any 4 out of 8)</strong></td>
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<td>Elective 1</td>
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<td>Elective 2</td>
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<td>Elective 4</td>
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<td><strong>TOTAL (59)</strong></td>
<td>14</td>
<td>11</td>
<td>9</td>
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</table>

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 3<sup>rd</sup> and 4<sup>th</sup> semesters and a total of four elective courses during the PhD program.

**ELECTIVE COURSES BEING OFFERED PRESENTLY**

- Elective Course 1  BCHM 909  Nutritional Biochemistry
- Elective Course 2  BCHM 907  Advanced Enzymology
- Elective Course 3  BCHM 916  Biochemical Toxicology
- Elective Course 4  BCHM 912  Biotechnology and Entrepreneurship

**ELECTIVE COURSES NOT BEING OFFERED PRESENTLY**

- BCHM 915  Advanced Cell Biology
- BCHM 917  Structural Biology
- BCHM 918  Molecular Biophysics

Note: Out of the eight elective courses only Four are being offered presently
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 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

RELG 923 SEMINAR IN RELIGION AND SCIENCES 2 Credits
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 905 BIOSTATISTICS 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, 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

BCHM 903 EXPERIMENTAL BIOCHEMISTRY II 3 Credits

BCHM 909 NUTRITIONAL BIOCHEMISTRY 3 Credits

BCHM 915 ADVANCED CELL BIOLOGY 3 Credits

BCHM 907 ADVANCED ENZYMEOLOGY 3 Credits
**BCHM 906  ADVANCED MOLECULAR BIOLOGY  3 Credits**

**BCHM 908  BIOCHEMISTRY OF BIOACTIVE COMPOUNDS FROM PLANTS  3 Credits**
Biological screening methods for pharmacologically active natural products. Bioactive glycolipids, diterpenoids, limonoids, antimalarial natural products, antioxidativeplant constituents, anti-HIV aromatic compounds from higher plants, phytotoxins, flavonoids and antitumor drugs, bioactive texoids. Applications of modern NMR techniques, LC, UV-MS, LC-NMR in the structural elucidation of bioactive natural products.

**BCHM 917  STRUCTURAL BIOLOGY  3 Credits**
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 modeling, protein folding and structure prediction.

**BCHM 911  ADVANCES IN MEMBRANE BIOCHEMISTRY  3 Credits**

**BCHM 916  BIOCHEMICAL TOXICOLOGY  3 Credits**

**BCHM 912  BIOTECHNOLOGY AND ENTREPRENEURSHIP  3 Credits**

**BCHM 913  RESEARCH SEMINAR I  3 Credits**
Research oriented practicum with relevant industry or research institute for a minimum of six weeks and submission of a written report. This is in addition to 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 Credits**
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.

**BCHM 922  ADVANCED PROTEIN SCIENCE  3 Credits**
A review of protein structure and function, and methodologies. Protein conformations, Alpha helices, beta sheets and loops. Protein remains, protein folding covalent modifications molecular graphics. Application of X-ray crystallographic and spectroscopic to protein structure. Chemical Synthesis of
proteins. Monoclonal antibodies and fluorescent molecules. Development of new vaccines and antibodies through genomic analysis

**BCHM 918  MOLECULAR BIOPHYSICS  3 Credits**  

**BCHM 928  DISSERTATION I  8 Credits.**  
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 Credits.**  
An intensive laboratory analysis is to be carried out to generate data for the writing of a thesis. The course focuses upon the successful defense of the doctoral thesis which includes data analysis, findings of the study, conclusions and recommendations.

### STAFF LIST

<table>
<thead>
<tr>
<th>NAME OF ACADEMIC STAFF</th>
<th>AREA OF SPECIALIZATION</th>
<th>DISCIPLINE</th>
<th>QUALIFICATION</th>
<th>RANK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Onajobi, F.D.</td>
<td>Lipids and Membranes</td>
<td>Biochemistry</td>
<td>PhD, M.Sc., B.Sc.</td>
<td>Professor</td>
</tr>
<tr>
<td>Adebawo O.O.</td>
<td>Food and Molecular Biology</td>
<td>Biochemistry</td>
<td>PhD, M.Sc., B.Sc.</td>
<td>Professor</td>
</tr>
<tr>
<td>Esan, E. B.</td>
<td>Plant Biotechnology</td>
<td>Biotechnology</td>
<td>PhD, M.Sc., B.Sc.</td>
<td>Professor</td>
</tr>
<tr>
<td>Arowora, K.A</td>
<td>Nutrition</td>
<td>Biochemistry</td>
<td>PhD, M.Sc., B.Sc.</td>
<td>Senior Lecturer</td>
</tr>
<tr>
<td>Ogunwenmo, K. O.</td>
<td>Taxonomy &amp; Cytogenetics</td>
<td>Biochemistry</td>
<td>PhD, M.Sc., B.Sc.</td>
<td>Professor</td>
</tr>
</tbody>
</table>
DEPARTMENT OF COMPUTER SCIENCE

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 pass 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 relevant areas.
- Holders of ACCA, ACA, AIB and other equivalents professional qualifications with at least three years post qualification experience in relevant areas.

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 24 units of course work and a defended research thesis of 4 units in a minimum of 2 semesters. The minimum of 28 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>
<thead>
<tr>
<th>COURSE CODE</th>
<th>COURSE TITLE</th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
</table>

270
<table>
<thead>
<tr>
<th>COURSE DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GEDS 701 RELIGION AND SOCIETY</strong></td>
</tr>
<tr>
<td>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.</td>
</tr>
</tbody>
</table>
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

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

**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 LINUX.

**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
Visual perception and representation. Cognitive psychology and emotional framework. Knowledge and mental knowledge. Computer graphics hardware devices and software packages. Two and three
dimensional graphics and transformation. Viewing geometry, object modeling and interactive processing. Multimedia: images, animation and audio.

**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 752  EXPERT SYSTEMS**  2 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 thesis shall be submitted for oral examination by the Department Panel of Examiners and moderated by a University appointed External Examiner.
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 institution on Non-Adventists highly skilled faculty for her undergraduate programme 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 Masters degree of the University shall be:

   (i) A graduate of Babcock University or its equivalents in Computer Science or Information Technology related disciplines; 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

(c) An applicant for Master’s degree programme 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, a candidate must take and pass a minimum of 36 units of courses made up as follows:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Work</td>
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<td>Research Project</td>
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<td><strong>Total</strong></td>
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</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>1st Semester</th>
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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><strong>GENERAL COURSES</strong></td>
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<tr>
<td>COSC 801</td>
<td>Advanced Computer Architecture</td>
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<tr>
<td>COSC 802</td>
<td>Internet Systems</td>
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<td>3</td>
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</tr>
<tr>
<td>COSC 811</td>
<td>Advanced Computer Networks</td>
<td>3</td>
<td></td>
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</tr>
<tr>
<td>COSC 812</td>
<td>Design and Analysis of Algorithms</td>
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<td>COSC 821</td>
<td>Advanced Programming Techniques</td>
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<tr>
<td>COSC 822</td>
<td>Research Methodology</td>
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<tr>
<td>COSC 831</td>
<td>Microprocessor System</td>
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<tr>
<td>COSC 841</td>
<td>Theory &amp; Formal Models of computation</td>
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<tr>
<td>COSC 899</td>
<td>Research Thesis</td>
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<td><strong>ELECTIVE COURSES</strong></td>
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<tr>
<td>COSC 832</td>
<td>Advanced Database Systems</td>
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<tr>
<td>COSC 842</td>
<td>Advanced Experts System</td>
<td>2</td>
<td></td>
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<tr>
<td>COSC 852</td>
<td>Electronic Signal Processing</td>
<td>2</td>
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<tr>
<td>COSC 862</td>
<td>Wireless communication</td>
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<tr>
<td>COSC 872</td>
<td>Special Topics in Computing</td>
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</table>

Total (36) 15 15 6

• 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 811 ADVANCED COMPUTER NETWORKS** 3 Credits

**COSC 812 DESIGN AND ANALYSIS OF ALGORITHMS** 3 Credits
Asymptotic, best case, average case analysis of algorithm design techniques: divide and conquer, dynamic programming, greedy techniques, Amortized analysis, Complexity classes P and NP, NP-Completeness. Approximation algorithms, Parallel algorithms Cryptographic algorithms. Distributed algorithms.

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

**COSC 832  ADVANCED DATABASE SYSTEM**  2 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 841  THEORY AND FORMAL MODELS OF COMPUTATION**  2 Credits
Automata theory: finite state automata, push-down automata, formal grammars and parsing. Turing 
machines, Universal Turing machines, Church’s Thesis, solvability and decidability. System format 
specification, refinement, safety and liveliness condition. Proof of correctness. Format semantics: 
operational, de-notational, axiomatic and algebraic.

**COSC 842  ADVANCED EXPERT SYSTEMS**  2 Credits
Knowledge Engineering. Knowledge Base design tools: neural networks, fuzzy logic, genetics 
algorithm, econometric models and statistical models. Inference engine strategies: deductive reasoning 
(backward chaining) inductive reasoning (forward chaining). Decision support engine: cognitive and 
emotional frameworks. Case study of both hardware based and software based expert systems.

**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
Cellular mobile radio, personal communication services (PCS), Cellular system design, Radio 
propagation, Signal design principles: spectrum-efficient modulation methods (GMSK, QPSK), spread-
spectrum modulation techniques (direct-sequency and frequency-hopping). Radio reception, 
receiver/transmitter. Adaptive equalization, Diversity techniques Bit error rate and outage probability 
on fading channels. Multiple accesses for wireless systems: frequency, time, code and space division 
multiple access. Satellite Mobile Wireless networking (packet-reservation multiple access, switching, 
 mobility management for PCS), Wireless LAN, Wireless standards: AMPS, IS-54, CDMA, Bluetooth, 
2G, GSM, GPRS and the PCS standards. Future (3G) systems, W-CDMA.
COSC 872  SPECIAL TOPICS IN COMPUTING  2 Credits

COSC 899  RESEARCH THESIS  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
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.

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 5-point scale 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 prior to the commencing 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.
b. 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

**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:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>1st Year</th>
<th>2nd Year</th>
<th>3rd Year</th>
</tr>
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<tbody>
<tr>
<td>GEDS 901</td>
<td>Personal and Family wholeness</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEDS 902</td>
<td>Statistics</td>
<td></td>
<td>2</td>
<td></td>
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<tr>
<td>GEDS</td>
<td>Research Proposal and Writing</td>
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<td>2</td>
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</table>
Candidates are to select any two 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 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.

**COURSE DESCRIPTION**

**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  
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 903: 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.

COSC 901: SURVEY OF RECENT DEVELOPMENT IN IT INDUSTRY  
3 Credits

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
Von Neumann Architecture. Non-von Neumann architecture pipelining, Memory organization, Cache and associative memory technologies, parallel machines and multiprocessor systems. Impact of VLSI on computer architecture

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
Computer network architecture and protocols. Cabled and wireless network technologies, Intra networking, inter networking and cluster computing technology. Computer network hardware and

**COSC 912: 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>Electrika/Electronics</td>
<td>Ph.D.</td>
<td>Professor</td>
</tr>
<tr>
<td>Adelodun J.F.</td>
<td>Mathematics</td>
<td>PhD.</td>
<td>Professor</td>
</tr>
<tr>
<td>Name</td>
<td>Department</td>
<td>Degree</td>
<td>Position</td>
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</tr>
<tr>
<td>Okolie S. O.</td>
<td>Data Structures and Computation</td>
<td>PhD</td>
<td>Senr. Lecturer</td>
</tr>
<tr>
<td>Idowu, S.</td>
<td>Software Engineering</td>
<td>PhD</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Awodele O.</td>
<td>Computer Sci.</td>
<td>PhD.</td>
<td>Senior Lecturer</td>
</tr>
<tr>
<td>Adekunle Y.A</td>
<td>Computation</td>
<td>PhD</td>
<td>Senior Lecturer</td>
</tr>
<tr>
<td>Sodiya A.S</td>
<td>Computer Science</td>
<td>PhD</td>
<td>Senior Lecturer (Adjunct Lecturer)</td>
</tr>
<tr>
<td>Ibikunle F.A.</td>
<td>Networking and Telecommunications</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>Adebisi E. A</td>
<td>Bio-Informatics</td>
<td>PhD</td>
<td>Professor (Adjunct Lecturer)</td>
</tr>
<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</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>
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<tr>
<td>Bonde Nossan</td>
<td>Computer Programming</td>
<td>PhD</td>
<td>Senior Lecturer (Adjunct)</td>
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<tr>
<td>Adekoya A.F</td>
<td>Computer Science</td>
<td>PhD</td>
<td>Senior Lecturer (Adjunct)</td>
</tr>
</tbody>
</table>
DEPARTMENT OF PUBLIC HEALTH
MASTER OF PUBLIC HEALTH (MPH)

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 48 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 53 credit units distributed as follows: GEDS 2, Core 37, Extended Fieldwork 4, Seminar 2 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:
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.

**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>
<td><strong>GENERAL EDUCATION COURSE</strong></td>
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<tr>
<td>GEDS 801</td>
<td>Religion, Faith and Morality</td>
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<tr>
<td></td>
<td><strong>CORE COURSES</strong></td>
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<tr>
<td>PHFP 811</td>
<td>History, Principles and Practice of Public Health &amp; Primary Health Care</td>
<td>3</td>
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<tr>
<td>PHFC 812</td>
<td>Epidemiology, Community Disease Surveillance and Public Health Legislations</td>
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<td>PHFC 813</td>
<td>Public Health Nutrition</td>
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<tr>
<td>PHFC 814</td>
<td>Public Health Microbiology, Parasitology &amp; Entomology</td>
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<tr>
<td>PHFC 815</td>
<td>Biostatistics for Public Health</td>
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<td>PHFC 821</td>
<td>Computer Applications in Biostatistics</td>
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<tr>
<td>PHFC 822</td>
<td>Environmental and Occupational Health</td>
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<tr>
<td>PHFC 823</td>
<td>Advanced Family and Human reproductive health</td>
<td>- 2</td>
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<tr>
<td>PHFC 824</td>
<td>Advanced Research Methods in Public Health</td>
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<tr>
<td>PHHP 825</td>
<td>Advanced Psycho-behavioral Basis of Health Promotion and Change Process in Public Health</td>
<td>- 3</td>
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<tr>
<td>PHHP 826</td>
<td>Comprehensive School Health Programmes and Services</td>
<td>- 2</td>
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<td><strong>TOTAL (31 Credits)</strong></td>
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Second Session Core Courses

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<tr>
<td>PHHP 831</td>
<td>Training Methods in Health Promotion and Education</td>
<td>2</td>
</tr>
<tr>
<td>PHHP 832</td>
<td>Group Dynamics and Community Mobilization in Public Health</td>
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<tr>
<td>PHHP 833</td>
<td>Programme Planning, Implementation and Evaluation. in Public Health</td>
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<td>PHHP 834</td>
<td>Communication and Media Strategies in Health Promotion</td>
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<tr>
<td>PHHP 835</td>
<td>Practicum in Health Promotion and Education/Internship*</td>
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<tr>
<td>PHHP 841</td>
<td>Seminars and Contemporary issues in Health Promotion</td>
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<tr>
<td>PHHP 849</td>
<td>Research (Thesis)**</td>
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</table>

**TOTAL (20 Credits)** 12 8

*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 812 EPIDEMIOLOGY, COMMUNITY 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 813 ADVANCED PUBLIC HEALTH NUTRITION**  
2 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 814 PUBLIC HEALTH MICROBIOLOGY, PARASITOLOGY AND ENTOMOLOGY**  
3 Credits  
This course will expose students to basic principles and origins of microbiology and also provide basic knowledge of immunology and serology. It will include the nature of microorganisms, disease, resistance and laboratory testing. The course will give basic information on Parasitism and intimately interacting population of organism, consisting of their hosts and their importance in public health. This course will include the accounts of essential information on arthropods of medical importance which are of great significance in Public Health.

**PHFC 825 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 is a basis for quantitative analysis of situations in the community.

**PHFC 821 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. PHFC 825 is a pre-requisite for this course.

**PHFC 822 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 823 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.

**PHFC 824 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**

**PHHP 825 CHANGE PROCESS AND PSYCHO-BEHAVIORAL FOUNDATIONS OF HEALTH EDUCATION**  
2 Credits  
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 826  COMPREHENSIVE SCHOOLHEALTH PROGRAMME AND SERVICES**

2 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**

2 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 832  GROUP DYNAMICS & COMMUNITY MOBILIZATION IN HEALTH PROMOTION AND EDUCATION**

2 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 833  HEALTH PROGRAMME PLANNING, IMPLEMENTATION AND EVALUATION IN PUBLIC HEALTH**

2 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 834  COMMUNICATION AND MEDIA STRATEGIES IN HEALTH PROMOTION**

2 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 835  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 841  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 849  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.

**LIST OF ACADEMIC STAFF FOR THE PROGRAMME**

<table>
<thead>
<tr>
<th>NAME OF ACADEMIC STAFF</th>
<th>AREA OF SPECIALIZATION</th>
<th>DISCIPLINE</th>
<th>QUALIFICATION</th>
<th>RANK</th>
</tr>
</thead>
<tbody>
<tr>
<td>AJA, G. N.D</td>
<td>Health Promotion/Education and Community Health</td>
<td>Public Health</td>
<td>BA., M.CommH, DrPH</td>
<td>Professor &amp; Head</td>
</tr>
<tr>
<td>AKINBOYE, D.O.</td>
<td>Medical Parasitology</td>
<td>Parasitology</td>
<td>FIMLS, M.Sc., PhD</td>
<td>Professor &amp; Dean</td>
</tr>
<tr>
<td>OWOLABI, S.P.</td>
<td>Community Health and Epidemiology</td>
<td>Public Health</td>
<td>B.Sc., M.Sc., M.P.H., DrPH</td>
<td>Professor</td>
</tr>
<tr>
<td>OGUNDAHUNSI, A. O</td>
<td>Human Nutrition</td>
<td>Nutrition</td>
<td>B.Sc., M.Sc., PhD</td>
<td>Professor</td>
</tr>
<tr>
<td>ATULOMAH, N.O.</td>
<td>Health Promotion &amp; Education</td>
<td>Public Health</td>
<td>BSc., MPH</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>AGBEDE, C.O</td>
<td>Health Promotion &amp; Education</td>
<td>Public Health</td>
<td>BSc., MPH</td>
<td>Senior Lecturer</td>
</tr>
<tr>
<td>OLANREWAJU, M. F.</td>
<td>Preventive HealthCare</td>
<td>Public Health</td>
<td>B.Sc., MPH, DrPH</td>
<td>Senior Lecturer</td>
</tr>
<tr>
<td>ORITOGUN, K.S</td>
<td>Biostatistics</td>
<td>Public Health</td>
<td>BSc., MSc</td>
<td>Lecturer II</td>
</tr>
</tbody>
</table>

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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>
<th>SEMESTERS</th>
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<tbody>
<tr>
<td></td>
<td><strong>CORE COURSES</strong></td>
<td></td>
</tr>
<tr>
<td>PHFC 911</td>
<td>History, Principles and Practice of Public Health &amp; Primary Health Care</td>
<td>3 -</td>
</tr>
<tr>
<td>PHFC 912</td>
<td>Advanced Epidemiology, Disease Control and Surveillance</td>
<td>3 -</td>
</tr>
<tr>
<td>PHFC 913</td>
<td>Advanced Public Health Nutrition</td>
<td>3 -</td>
</tr>
<tr>
<td>PHFC 914</td>
<td>Advanced Research Methods in Public Health</td>
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<tr>
<td>PHFC 915</td>
<td>Intermediate Biostatistics for Public Health</td>
<td>3</td>
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<tr>
<td>PHFC 921</td>
<td>Advanced Public Health Microbiology, Parasitology, and Entomology</td>
<td>- 3</td>
</tr>
<tr>
<td>PHFC 922</td>
<td>Applied Biostatistics in Public Health</td>
<td>- 3</td>
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<tr>
<td>PHFC 923</td>
<td>Advanced Environmental and Occupational Health</td>
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<td>PHFC 924</td>
<td>Health System Administration and Management</td>
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<td>PHFC 925</td>
<td>Biblical-Historical Foundations of Public Health</td>
<td>- 2</td>
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<tr>
<td>PHHP 926</td>
<td>Advanced Health Promotion: Concepts and Issues</td>
<td>- 3</td>
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<tr>
<td>PHFC 916/927</td>
<td>Bio-ethical Issues in Public Health /Ethical Issues in Public Health</td>
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<tr>
<td>GEDS 901</td>
<td>Personal and Family Wholeness</td>
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**TOTAL (36 Credits) 18 18**
Courses for the Second Year of the programme

<table>
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<th>COURSE CODE</th>
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<tr>
<td>PHHP 931</td>
<td>Ecology of Human Health &amp; Mechanisms of Health &amp; Disease</td>
<td>3rd 4th</td>
</tr>
<tr>
<td>PHHP 932</td>
<td>Behavioural Concepts Applicable to Public Health</td>
<td>3</td>
</tr>
<tr>
<td>PHHP 933</td>
<td>Supervised Field work Practice/Community Care Practicum</td>
<td>4th</td>
</tr>
<tr>
<td>PHHP 934</td>
<td>Seminars and Contemporary Issues in Health Promotion</td>
<td>2</td>
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*Elective Courses are offered to include the following and students are to select two courses from these to make Four Credits

<table>
<thead>
<tr>
<th>COURSE CODE</th>
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<th>SEMESTERS</th>
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<tbody>
<tr>
<td>PHEC 935</td>
<td>Advanced Family and Human Reproductive Health</td>
<td>2</td>
</tr>
<tr>
<td>PHEC 936</td>
<td>Policy Issues and Advocacy in Public Health</td>
<td>2</td>
</tr>
<tr>
<td>PHEC 937</td>
<td>Drug Use of Public Health Importance</td>
<td>2</td>
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<tr>
<td>PHHP 940</td>
<td>Research Seminar I</td>
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TOTAL (18 Credits) 16 2

Third and Final Year of the Programme

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<th>COURSE CODE</th>
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<tbody>
<tr>
<td>PHHP 950</td>
<td>Research Seminar II</td>
<td>5th 6th</td>
</tr>
<tr>
<td>PHHP 960</td>
<td>Research Dissertation Oral Examination</td>
<td>6th</td>
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</table>

TOTAL (14 Credits) 2 12

COURSE DISCRIPTIONS

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 912: Advanced Epidemiology, Disease Control and Surveillance**

2 credits

The study of epidemiology at this level will equip the student with a good understanding of the implications of host, agent and environment characteristics involved with the natural history of disease. Study will cover descriptive epidemiology, measures of morbidity and mortality used in epidemiology, data issues in epidemiology including reportable disease statistics, study designs in epidemiology. During the course, a study of the epidemiology of significant communicable and non-communicable illnesses in the community will be highlighted. The important role and contributions of international public health laws/legislations from antiquity to contemporary times will be examined. Each student will be required to prepare a critical appraisal of the epidemiology of a specific disease and the current methods of control/surveillance in Nigeria.

**PHFC 913: Advanced 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 914: Advanced Research Methods in Public Health**

3 Credits

This advanced course in research methods in public health will cover how to develop research ideas, design and conduct empirical studies to solve health problems. Skills in developing research objectives; hypothesis and literature reviews through critical appraisal will be learned during the course of the study. Qualitative and quantitative research methods, descriptive surveys, correlational approaches and experimental research strategies will also feature. The course content also includes formulating research hypothesis, answering research questions, writing research proposals, analyzing data and presenting results. Strategies for developing instrument for conducting research will be taught. Students will be expected to carry out critical appraisals of research peer-reviewed publications in identified field of public health.

**PHFC 921: Public Health Microbiology, Parasitology and Entomology**

3 Credits

This course will expose students to basic principles and origins of microbiology and also provide basic knowledge of immunology and serology. It will include the nature of microorganisms, in health and disease, microbial resistance and laboratory testing. The course will give basic information on Parasitism and intimately interacting population of organism, consisting of their hosts and their importance in public health. This course will include the accounts of essential information on arthropods of Medical importance which are of great significance in Public Health.

**PHFC 915: 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 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 923 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 924: 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 925: 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 916: 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 927: 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 DISCRIPTION FOR CORE HEALTH PROMOTION COURSES

PHHP 923: 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 932: 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 933: 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 934: 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**  
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 935: 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 936: 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 937: 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 pharmacotherapeutics.
# LIST OF ACADEMIC STAFF FOR THE PROGRAMME

<table>
<thead>
<tr>
<th>NAME OF ACADEMIC STAFF</th>
<th>AREA OF SPECIALIZATION</th>
<th>DISCIPLINE</th>
<th>QUALIFICATION</th>
<th>RANK</th>
</tr>
</thead>
<tbody>
<tr>
<td>AJA, G. N.D</td>
<td>Health Promotion/ Education &amp; Community Health</td>
<td>Public Health</td>
<td>BA., M.CommH, DrPH</td>
<td>Professor &amp; Head</td>
</tr>
<tr>
<td>AKINBOYE, D.O.</td>
<td>Medical Parasitology</td>
<td>Parasitology</td>
<td>FIMLS, M.Sc., PhD</td>
<td>Professor &amp; Dean</td>
</tr>
<tr>
<td>OWOLABI, S.P.</td>
<td>Community Health Services &amp; Epidemiology</td>
<td>Public Health</td>
<td>B.Sc., M.Sc., M.P.H., DrPH</td>
<td>Professor</td>
</tr>
<tr>
<td>OGUNDAHUNSI, A. O</td>
<td>Human Nutrition</td>
<td>Nutrition</td>
<td>B.Sc., M.Sc., PhD</td>
<td>Professor</td>
</tr>
<tr>
<td>ATULOMAH, N.O</td>
<td>Health Promotion &amp; Education</td>
<td>Public Health</td>
<td>BSc., MPH</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>AGBEDE, C.O</td>
<td>Health Promotion &amp; Education</td>
<td>Public Health</td>
<td>BSc., MPH</td>
<td>Senior Lecturer</td>
</tr>
<tr>
<td>OLANREWAJU, M. F.</td>
<td>Preventive Health Care</td>
<td>Public Health</td>
<td>B.Sc., MPH, DrPH</td>
<td>Senior Lecturer</td>
</tr>
<tr>
<td>ORITOGUN, K.S</td>
<td>Biostatistics</td>
<td>Public Health</td>
<td>BSc., MSc</td>
<td>Lecturer II</td>
</tr>
</tbody>
</table>
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Pastor Gilbert Wari, DMin. - Chancellor
Pastor Oyeleke Owolabi, PhD, DMin - Pro-Chancellor

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FWACS 1990 West African College of Surgeons
FICS 2003 International College of Surgeons

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CISA 2004 Information System and Control Association, USA
CFE. 2005 Association of Certified Fraud Examiners, USA
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Ph.D. 1999 Curriculum and Instruction, Andrews University, Michigan, USA

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PGD 1987 Religion, Adventist Seminary of West Africa
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<table>
<thead>
<tr>
<th>Degree</th>
<th>Date</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>M.A.</td>
<td>1994</td>
<td>Religion (Biblical-Theological Studies), Andrews University, Berrien Springs, USA</td>
</tr>
<tr>
<td>PGDE</td>
<td>1998</td>
<td>Education, University of Port Harcourt</td>
</tr>
<tr>
<td>Ph.D.</td>
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</table>

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Professor Zac Olomojobi
Professor Clara Okoro
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Barrister Ezekiel Olaniyi Arike
Pastor (Dr.) Olutunde Ojewole
Pastor Silvanus Chioma
Professor Ademola S. Tayo
Mr. A. T. Adetayo
Pastor Hakeem Babatunde Smith, Secretary