

**UNIVERSITY OF CALABAR
CALABAR**

ADMISSION INTO GRADUATE PROGRAMMES 2015/2016

**FACULTY OF AGRICULTURE, FORESTRY AND WILDLIFE
RESOURCES MANAGEMENT**

DEPARTMENT OF AGRICULTURAL ECONOMICS

The following academic programmes are available in the Department of Agricultural Economics.

1. MSc and PhD in Farm Management and Production Economics
2. MSc and PhD in Agricultural Marketing and Cooperative
3. MSc and PhD in Development and Policy
4. MSc and PhD in Agricultural Finance
5. MSc and PhD in Agribusiness Management
6. PGD in Agricultural Economics

The entry requirements are same as the general requirements but candidates must have Agricultural Economics and related disciplines' background. However, for the PGD programme, candidates with HND (Lower credit) in Agriculture and related disciplines would also be accepted

DEPARTMENT OF AGRICULTURAL EXTENSION AND RURAL SOCIOLOGY

Entry Requirements

The department offers courses according to specialization in the following areas:

- i. M.Sc & Ph.D in Agric. Extension Administration and Management.
- ii. M.Sc & Ph.D in Extension Communication and Information Technology.
- iii. M.Sc & Ph.D in Agric. Extension Education.
- iv. M.Sc & Ph.D in Rural and Community Development.
- v. M.Sc & Ph.D in Rural Sociology.
- vi. M.Sc & Ph.D in Environmental Extension Management.
- vii. PGD in Agric. Extension & Rural Sociology.

Admission requirements remain the same.

DEPARTMENT OF ANIMAL SCIENCE

The Department offers courses leading to the award of Post Graduate Diploma (PGD), Master of Science (M. Sc.) and Doctoral (Ph.D.) Degrees in the following areas of specialization;

- Animal Breeding and Genetics

- Animal Nutrition and Biochemistry
- Animal Physiology and Health
- Animal Production and Management

Minimum Requirement

Candidates seeking admission into any of the programmes must have five credits in O'level, SSCE or NECO at not more than two sittings (subjects include: English, Mathematics/Physics, Chemistry, Agriculture/ Biology).

1. Postgraduate Diploma Programme:

- PGD in Animal Breeding and Genetics
- PGD in Animal Nutrition and Biochemistry
- PGD in Animal Physiology and Health
- PGD in Animal Production and Management

Entry Requirement:

In addition to the general requirement, candidates must have a first degree with a CGPA of 1.60 and above in an approved field of study by the Nigerian Institute of Animal Science (NIAS) from any University recognized by the Senate of the University of Calabar. Graduates from the following disciplines are also eligible to apply;

- Biological Science
- Marine Science
- Biochemistry
- Zoology

2. Master of Science (M.Sc.) Programme

- M.Sc. in Animal Nutrition & Biochemistry
- M.Sc. in Animal Breeding & Genetics
- M.Sc. in Animal Production & Management (sub-specialization in cattle production, poultry production, micro- livestock production, small ruminant production)
- M.Sc. in Animal Physiology

Entry Requirement:

In addition to the general requirement, candidates must have a good first degree with a second class (HONS) grade point of 3.00 (3/5) in an approved field of study by the Nigerian Institute of Animal Science (NIAS) from any University recognized by the Senate of the University of Calabar.

3. Doctor of Philosophy (Ph.D.) Programme

- Ph.D. in Animal Nutrition & Biochemistry
- Ph.D. in Animal Production and Management (sub-specialization in cattle production, poultry production, micro- livestock production, small ruminant production)
- Ph.D. in Animal Physiology
- Ph.D. in Animal Breeding & Genetics

Entry Requirement

Students for Ph.D. Programme must have a good Master of Science (M.Sc.) degree in Animal Science discipline (i.e. CGPA of 3/4, 4/5 or 60%) from any University recognized by the Senate of the University of Calabar.

DEPARTMENT OF CROP SCIENCE

The following programmes leading to the award of PGD, M.Sc and Ph.D in Crop Science exist:

- 1) Crop Genetics and Breeding
- 2) Crop Production
- 3) Crop Protection

Entry Requirements

a) O'Levels

- i) West African School Certificate with passes at credit level in at least five subjects including English Language, Mathematics, Agricultural Science or Biology, Chemistry and at least a pass in Physics.
- ii) General Certificate of Education (GCE) with credit level passes at ordinary ('O') level in at least five subjects including English Language, Mathematics, Agricultural Science or Biology, Chemistry and at least a pass in Physics.
- iii) Senior Secondary School Certificate with credits in at least five subjects including English Language, Mathematics, Agricultural Science or Biology, Chemistry and at least a pass in Physics.

b) Postgraduate Diploma

- i) Graduates who possess at least a third class in any field of Agriculture or related Science courses.
- ii) Applicants who hold Higher National Diploma (Upper Credit) in any field of Agriculture or related field of Science.

c) M.Sc Programme

- i) Candidates for the M.Sc programme must have a good first degree in Agriculture or related science course. A minimum of second class lower with CGPA of 3.00 is required on a 5 point scale or 2.75 on a 4 point scale.
- ii) Graduates with less than 2.75 or 3.00 but with a Postgraduate Diploma in Crop Science or related discipline with an average score of 60% or 3.00/5 cumulative average are eligible.

d) Ph.D Programme

Students for Ph.D programme must have a good Master of Science degree (M.Sc) with an average score of at least 60% or 3.00/4 or 4.00/5 in Agriculture or related discipline.

DEPARTMENT OF FORESTRY AND WILDLIFE RESOURCES MANAGEMENT

A. Postgraduate Diploma Programme with Specialization in the following areas:

- (a) PGD in Forest Resources Management
- (b) PGD in Wildlife Resources Management

Entry Requirements

- (i) Five 'O' Level Credit Passes to include English Language, Mathematics, Chemistry, Biology/Agric Science.
- (ii) B.Sc/B. Forestry and Wildlife degree of the University of Calabar in relevant areas with not less than pass grade (CGPA) of 1.50.
- (iii) HND with not less than lower credit in Forestry and Wildlife, Agriculture, Fishery, Environmental Science, Botany, Zoology or related field of study from the University of Calabar or any institution recognized by the Senate of the University of Calabar

B. Master of Science Degree Programme with Specialization in the following areas

- (a) Silviculture and Forest Biology
- (b) Forest Biometrics
- (c) Forest Economics and Management
- (d) Wood Science
- (e) Agro-Forestry
- (f) Environmental Forestry
- (g) Forest Protection (Pathology/Entomology)
- (h) Wildlife and Range Management
- (i) Wildlife Management and Ecology
- (j) Wildlife Pathology
- (k) Wildlife Management and Ecotourism.

Entry Requirements

- (i) 'O' Level Requirements, same as in A (i) above
- (ii) The CGPA of not less than 3.0/5 or 2.75/4 points scale. Candidates with Bachelor's Degree, with Third Class Honours from recognized Institutions and Upper Credit (60% average) at the PGD in a relevant field or candidates with HND at the Upper Credit, distinction level plus at least 60% at the PGD in a relevant field from a recognized institution will also be considered.

C. Doctor of Philosophy (Ph.D) with Specialization in the following areas:

- (i) Ph.D in Forest Biology and Silviculture
- (ii) Ph.D in Forest Biometrics
- (iii) Ph.D in Forest Economics and Management
- (iv) Ph.D Wood Science
- (v) Ph.D Agro-forestry
- (vi) Ph.D Wildlife Management
- (vii) Ph.D Urban and Environmental Forestry
- (viii) Ph.D Ecotourism Management and Tourism Management
- (ix) Ph.D in Forest Protection (Pathology/Entomology)

Entry Requirements

- (i) 'O' Level Entry Requirements as in A (i) above.

Candidate for the Ph.D Programme in Forestry and Wildlife must have a good Master's Degree in Forestry or Wildlife, with a cumulative grade point average of at least 60% (or a 'B' Grade) in the M.Sc. course/thesis work from the University of Calabar or any other University recognized by the Senate of the University of Calabar. Candidates with Master's Degree in relevant areas shall also be admitted into the Ph.D Forestry and Wildlife Programme.

DEPARTMENT OF SOIL SCIENCE

The following programmes leading to the award of PGD, M.Sc and Ph.D in Soil Science exist:

- 1) Pedology
- 2) Soil Chemistry
- 3) Soil Fertility/Plant Nutrition
- 4) Soil Microbiology
- 5) Soil Physics and Soil and Water Management

Entry Requirements

a) O' levels

- (i) West African School Certificate with passes at Credit level in at least five subjects including; English Language, Mathematics, Agricultural Science or Biology, Chemistry and Physics.
- (ii) General Certificate of Education (GCE) with credit level passes at ordinary 'O' level in at least five subjects including; English Language, Mathematics, Agricultural Science or Biology, Chemistry and Physics.
- (iii) Senior Secondary School Certificate with credits in at least five subjects including; English Language, Mathematics, Agricultural Science or Biology, Chemistry and Physics.

b) Postgraduate Diploma

- (i) Graduate who possesses at least a third class in any field of Agriculture or related science courses.
- (ii) Applicants who hold Higher National Diploma (Upper credit) in any field of Agriculture or related field of science

c) M.Sc. Programme

- (i) Students for their M.Sc programme must have a good first degree in Agriculture or related science course. A minimum of second class lower with CGPA of 3.00 is required on a 5 point scale or 2.75 on a 4 point scale.
- (ii) Graduate with less than 2.75 or 3.00 but with a Post Graduate Diploma in a Soil Science related discipline with an average score of 60% or 3.00 cumulative average.

d) Ph.D Programme

Students for Ph.D programme must have a good Master of Science Degree (M.Sc) with an average score of at least 60% in Agriculture or related discipline.

FACULTY OF ALLIED MEDICAL SCIENCES

DEPARTMENT OF MEDICAL LABORATORY SCIENCE

The Department is made up of four broad units of Chemical Pathology, Medical Microbiology and Parasitology, Haematology/Blood Group Serology and Histopathology. Post Graduate Programme is done in all the units except Histopathology.

A. MEDICAL MICROBIOLOGY/PARASITOLOGY

(a) Doctor of Philosophy

The programme is open to candidates with M.Sc. degree in Microbiology, Parasitology or Medical Laboratory Science, subject to a minimum CGPA of 3.00/4 or 4.00/5.

Area of Specialization: Each candidate will be admitted into a particular area of specialization chosen from the list below:

- (a) Clinical Bacteriology
- (b) Medical Parasitology
- (c) Medical Entomology
- (d) Public Health Microbiology
- (e) Medical Mycology

(b) Masters Degree (M.Sc.) Programme

(i) Graduates who hold at least a Second Class (Hons) Degree (with CGPA of 3.00/5 or 2.75/4) in Microbiology or any other related discipline from the University of Calabar or other institutions recognized by the Senate.

Areas of Research

- (a) Clinical Bacteriology
- (b) Medical Mycology
- (c) Medical Parasitology

(c) Post Graduate Diploma in Medical Microbiology and Parasitology (PGD)

The prospective candidate must be a University graduate with the following minimum requirements:

- (a) MBBCh or equivalent
- (b) B.Sc. (Hons) Degree in any Biology/Medical Laboratory Science related courses with Second Class Lower (CGPA not less than 2.5/4 or equivalent).

B. CHEMICAL PATHOLOGY UNIT

(a) Doctor of Philosophy

Areas of Specialization chosen from:

- (a) Immunology
- (b) Toxicology
- (c) Enzymology
- (d) Endocrinology
- (e) Nutrition

Admission Requirements

The programme is open to candidates with M.Sc. Degree in Chemical Pathology, Biochemistry or Medical Laboratory Science. For holders of suitable Bachelor's degrees, the admission will normally be to the M.Sc. programme in the first instance. Advancement from M.Sc. to Ph.D. programme will be allowed on recommendation of the Departmental College Graduate Committee to the Graduate School Board and after approval of the Senate.

(b) **M.Sc. in Chemical Pathology**

Admission Requirements

This programme is open to candidates with Bachelor's Degree with first or second class honours in Physiology, Biochemistry, Medical Laboratory Technology and Chemical Pathology. Candidates with professional qualification in Human Medicine (M.B.B.S. etc), Dentistry (BDS, etc) or Veterinary Medicine (D.V.M) are eligible.

(c) **Post Graduate Diploma in Chemical Pathology**

Prospective candidates must be university graduate with the following minimum admission requirements:

- (i) Holders of the MBChB degree or equivalent qualifications.
- (ii) Graduates of Biochemistry, Physiology, Microbiology and Haematology with at least Second Class Lower classification.
- (iii) Holders of the FIMLT Diploma in Chemical Pathology
- (iv) Holders of the AIMLT Diploma in Chemical Pathology with at least B average performance.
- (v) Those who do not meet the above qualification but have been actively involved in research may be considered for admission on their own merit.

Only candidates with a CGPA of 2.75 and above on a 4-point scale or 3.00 and above on a 5-point scale in the Diploma programme shall be eligible for admission to the M.Sc. programme.

C. HAEMATOLOGY/BLOOD GROUP SEROLOGY UNIT

(a) **M.Sc. in Haematology/Blood Group Serology**

Admission Requirements:

Candidates for admission into the M.Sc. programme shall be:

- (i) Holders of BMLS or its equivalent
- (ii) Holders of MBChB or its equivalent
- (iii) Holders of FMLSCN Diploma with dissertation in Haematology
- (iii) Holders of PGD in Haematology

(b) **Post Graduate Diploma in Haematology/Blood Group Serology**

Admission Requirements

The Post Graduate Diploma is designed for Graduates whose degrees do not meet the entry requirements for the M.Sc. Degree work in the first instance or candidates who may not wish to do the required in-depth work. The Programme would also provide good training for private practitioners wishing to upgrade their knowledge in Haematology and Blood Transfusion Science.

The candidates for admission into PGD programmes shall be:

- (i) Graduates of Medical Laboratory Science with at least a CGPA of 1.50.
- (ii) Holders of the MBChB degree or its equivalent
- (iii) Holders of AMLSCN Diploma

DEPARTMENT OF NURSING SCIENCE

The Department offers courses leading to the award of Master of Science Degree (M.Sc.) in Nursing in the following areas of specialization:

- Community Health Nursing
- Maternal and Child Health Nursing and Women's Health

- Nursing Administration and Management
- Medical- Surgical Nursing

Minimum requirement

Candidates seeking admission into the programme must have

- i) Five credits in O’level, SSCE or NECO at not more than two sittings (subjects include: English, Mathematics, Physics, Chemistry & Biology)
- ii) A current, valid license of registration for practice from the Nursing and Midwifery Council of Nigeria (NMCN)

Entry requirement:

In addition to the general requirements, to be considered for admission into the Masters Degree programme, the candidate must possess:

- a) Bachelor of Science degree in Nursing: First or Second class Honors Degree from an accredited and recognized University with a CGPA not lower than 3.0 on a 5 point scale or 2.75 on a 4 point scale (in the Bachelor’s programme).
- b) Also, the candidate must have submitted at least one (1) reference letter from his/her former Head of Department or Lecturer.
- c) A holder of Postgraduate diploma in Nursing may be admitted into the Masters’ programme.
- d) Holders of Higher National Diploma (HND) with a minimum of Upper Credit or equivalent professional qualification may be admitted to the Master’s Degree programme provided the candidate has Post Graduate diploma in Nursing.

DEPARTMENT OF RADIOGRAPHY & RADIOLOGICAL SCIENCE

1. M.Sc Programme

Applications are invited into the Master of Science degree (M.Sc) in Medical Imaging Science, with specialization in the following subject areas.

- Medical Imaging
- Radiation Protection and Safety
- Radiography Education
- Radiographic Health Management, and
- Medical Imaging Physics

Admission Requirements

- A Bachelor’s degree in Diagnostic Radiography or Medical imaging from the University of Calabar, or any institution recognized by the University of Calabar, with a minimum CGPA of 2.75 (in the 4-point system) and 3.00 (in the 5 – point system).
- Applicants must possess in the first instance, the requisite O’level requirements of 5 credits in Physics, Chemistry, Mathematics, Biology and English Language to be considered eligible.
- Candidates must also possess evidence of completion of, or exemption from the mandatory National Youth Service Corps (NYSC).
- Submission of an acceptable research synopsis is a requisite condition.

2. **Postgraduate Diploma in Radiography**

Applications are invited into the post graduate diploma programme in Radiography.

Admission Requirements

- B.Sc degree with honours in Radiography with grade point average less than requirement for entry into the Master degree programmes (as obtained in the University of Calabar Graduate School Guidelines). Candidates with other relevant degrees/certificates e.g Diploma of the College of Radiographers (DCR) or Diploma of the Institute of Radiography (DIR) are acceptable for the PGD.
- Candidates with degree in Human Anatomy and Physics may be accepted for admission into the PGD programme.
- Applicants must possess in the first instance, the requisite O'level requirements of 5 credits in Physics, Chemistry, Mathematics, Biology and English Language to be considered eligible.
- Candidates must also possess evidence of completion of, or exemption from the mandatory National Youth Service Corps (NYSC).

FACULTY OF ARTS

DEPARTMENT OF ENGLISH AND LITERARY STUDIES

The Department English and Literary Studies offers admission for the 2015/2016 academic session in the following areas:

A. **Master of Arts (MA)**

- a) Full-time Duration: two years (Maximum)
- b) Part-time Duration: three years (Maximum)

Qualification: Minimum CGPA = 3.00/5 or 2.75/4 in relevant courses.

- B. **Doctoral Degree (Ph.D):** Minimum CGPA = 4.00/5 or 3.00/4; Duration: Three years (Full-time) Five years (Part-time).
- C. Courses are offered for both Language and Literature based candidates
- D. Applicants should submit, along with their forms, a 300-400 word research proposal (Concept Note) in the area of their research interest.
- E. Short-listed applicants will be expected to attend an oral interview.

DEPARTMENT OF HISTORY AND INTERNATIONAL STUDIES

The Department of History and International Studies, University of Calabar: offers postgraduate programme leading to M.A and Ph.D in the following areas of specialization:

- (i) Nigerian and African History
- (ii) Imperialism and Nationalism
- (iii) International Studies and Diplomacy
- (iv) Global African Diaspora Studies

- (v) Strategic Studies
- (vi) International Boundaries and Borderlands Studies
- (vii) Peace and Conflict Studies
- (viii) Gender Studies

Entry Requirements

- (i) Candidates seeking admission into the M.A. programme must possess a good first degree in History, History Education, or International Relations and must have a CGPA not lower than 3.0 on a 5-point scale; 2.75 on a 4.0 point scale.
- (ii) Candidates for the Ph.D programme must be holder of the master's degree in History and must have an overall CGPA of 4.0 on a 5-point grading system and 3.0 on a 4-point grading system and adjudged to have demonstrated good research ability in their M.A dissertations/theses.

DEPARTMENT OF LINGUISTICS AND COMMUNICATION STUDIES

Criteria for Admission

1. **PGD:** CGPA of 1.6 and above. HND with Lower Credit is also accepted
2. **Masters Degree:** Minimum CGPA of 3.00/5 or 2.75/4
3. **Ph.D:** Minimum CGPA of 4.00/5 or 3.00/4

AREAS OF RESEARCH INTEREST

1. LINGUISTICS

- a) Phonetics/Phonology
- b) Syntax
- c) Semantics
- d) Applied Linguistics
- e) Historical/Comparative Linguistics
- f) Sociolinguistics
- g) African Linguistics
- h) Psycholinguistics
- i) Anthropological Linguistics
- j) Linguistics & Logic
- k) Pragmatics
- l) Computational Linguistics

2. COMMUNICATION

- a) Human Communication
- b) Print Journalism
- c) New Media
- d) Public Relations
- e) Advertising
- f) Ethno Communication
- g) Communication Designs

- h) Textual Analysis
- i) Strategic Communication
- j) Photo Journalism
- k) Language & Communication
- l) Broadcasting

DEPARTMENT OF MODERN LANGUAGES AND TRANSLATION STUDIES

The Department offers courses of study and research leading to the award of M.A and Ph.D. degrees.

ENTRY REQUIREMENTS

As prescribed in the general requirements by the University.

FIELDS OF SPECIALIZATION

1. African Literature in French
2. French Literature
3. Caribbean Literature in French
4. Teaching of French as a Second Language
5. French Language
6. French Linguistics
7. Francophone Culture And Civilization
8. Oral Literature of Francophone Africa
9. Comparative Literature
10. French in International Relations
11. Translation Studies

DEPARTMENT OF THEATRE AND MEDIA STUDIES

The Department of Theatre and Media Studies offers courses which together with research and production lead to the award of the Graduate Diploma in Theatre, Media and Communication, and MA in Theatre, Media and Change Communication, and Ph.D in all the fields. The Graduate Diploma lasts for 12 calendar months, the MA for 12 calendar months and the Ph.D for a minimum of three years.

The degrees are offered in the following areas of specialisation:

1. Arts/Events Management
2. Directing
3. Media Arts Studies
4. Social & Behaviour Change Communication
5. Theatre Technology & Design
6. Theatre-in-Education
7. History, Theory and Criticism

Admission Requirements

- a) Admission Requirements for the Masters programme will consist of good first degree in the Arts and Humanities, Social Sciences, Health, Education, Environmental and Basic Sciences with CGPA not below 3.00/5 or 2.75/4.
- b) Candidates for Ph.D must possess a Masters Degree in specialization areas relevant to Theatre, Media, Communication and Development Studies.

- c) Candidates for the Graduate Diploma in Theatre & Media Studies and Change Communication must possess a first degree with a minimum CGPA of 1.50
- d) Candidates with practical work experience in Development, Media Communication and Social Environment projects will have an advantage for entry into the Graduate Diploma in Theatre & Media and Change Communication, and in the MA programmes. The Graduate Diploma in Theatre and Media Studies offers opportunities to candidates wishing to cross over from other sciences and other remotely related areas of specialization to Theatre & Media, Change Communication and Development Studies.

DEPARTMENT OF PHILOSOPHY

Programmes leading to M.A & Ph.D are available in the following areas of specialization:

- i. Philosophy of Education
- ii. Political philosophy
- iii. Philosophy of Science
- iv. Logic and Foundation of Mathematics
- v. Ancient Philosophy
- vi. Traditional Branches of Philosophy (Ethics, Metaphysics, Logic, Axiology and Epistemology)
- vii. African Philosophy
- viii. Contemporary Philosophy
- ix. Philosophy of Social Science
- x. Philosophy of Law

Entry Qualifications:

- (a) Candidates for M.A must have SSCE with 5 credits including English Language as well as B.A degree with Second Class Lower with CGPA of not less than 3.00 on a 5-point grading system.
- (b) Candidates for Ph.D must possess M.A degree with 3.00 and above on a 4-point grading system or 4.00 and above on a 5-point grading system.

DEPARTMENT OF RELIGIOUS AND CULTURAL STUDIES

Master of Arts in Religious and Cultural Studies

Areas of Specialization

- 1. African Traditional Religion
- 2. Anthropological and Cultural Studies of Religion
- 3. Theology and Christian Religious Studies
- 4. Old and New Testaments Biblical Studies
- 5. Comparative Religion
- 6. Ecclesiastical History
- 7. Ethics
- 8. Islamic Religious Studies
- 9. Philosophy of Religion
- 10. Psychology of Religion
- 11. Sociology of Religion

Doctor of Philosophy in Religious and Cultural Studies

Areas of Specialization

- 1. African Traditional Religion
- 2. Anthropological and Cultural Studies of Religion

3. Theology and Christian Religious Studies
4. Old and New Testaments Biblical Studies
5. Comparative Religion
6. Ecclesiastical History
7. Ethics
8. Islamic Religious Studies
9. Philosophy of Religion
10. Psychology of Religion
11. Sociology of Religion

Entry Qualification

1. Candidates for M.A must have SSCE with 5 credits including English Language as well as B.A. Degree in related fields with CGPA of 3.00/5 or 2.75/4.
2. Candidates for Ph.D and must possess M.A Degree in related field with CGPA of 4.00/5 or 3.00/4.

FACULTY OF BASIC MEDICAL SCIENCES

DEPARTMENT OF ANATOMY

1. PGD Programme in Anatomy

Admission Requirements

In addition to "O level" requirement for admission into the University of Calabar, the candidates for admission into the postgraduate diploma programme in Anatomy must have the following qualifications:

- a) B.Sc second class (Hons) lower division with a CGPA lower than 3.00 or third class (Hons) degree in the subject of Anatomy of the University of Calabar or any other University approved by the Senate of the University of Calabar.
- b) B.Sc second class (hons) degree in any related science discipline such as Physiology, Biochemistry, Animal Science, Radiography and Zoology from the University of Calabar or any other University approved by the Senate of University of Calabar.
- c) NIST final certificate or equivalent in Anatomy and Histopathology at credit level or above.

2. M.Sc Programme in Anatomy

Admission Requirements

The admission into the programme is open to candidates with first class honours or second class (hons) with cumulative grade point average not less than 3.00/5 in Anatomy of the University of Calabar or any other University offering B.Sc Anatomy as approved by the Senate of the University of Calabar. Candidates with qualification in Medicine and Surgery (MBBCh), Radiography and Dentistry (B.DS) are also eligible

provided their final result is equivalent of Cumulative Grade Point Average (CGPA) of 3.25.

The following fields of specialization are available for the M.Sc programme. Teratology, Histochemistry, Neurobiology, Developmental Biology, Comparative Anatomy, Clinical Anatomy, Radiographic Anatomy, Physical Anthropology and Reproductive Biology.

3. Ph.D Programme in Anatomy

Admission Requirements

The programme is open to any candidate who has the following qualifications:

- a) Master of Science Degree in Anatomy with a minimum of 4.0 Cumulative Grade Point Average (CGPA) on a scale of 5 or 3.44 on a scale of 4.0.
- b) Master of Philosophy Degree in Anatomy with a minimum of 4.00 Cumulative Grade Point Average (CGPA) on a scale of 5.0.

Areas of Research include: Histochemistry, Cellular and Molecular Biology, Radiographic Anatomy, Clinical Anatomy, Neurobiology, Teratology, Human Genetics and Cytogenetics, Endocrinology and Reproductive Biology.

DEPARTMENT OF BIOCHEMISTRY

Postgraduate programmes in the Department Biochemistry:

1. PGD Applied Biochemistry Requirements

Bachelors with CGPA of 1.5 and above as well as HND with Lower Credit in related disciplines are accepted.

2. M.Sc Biochemistry Requirements

CGPA of 2.75/4 or 3.25/5 in Biochemistry or related discipline. CGPA of 3.0 at PGDABCM or related discipline.

3. Ph.D Biochemistry Requirements

M.Sc with CGPA of 3.0/4 or 4.0/5 in Biochemistry or related discipline.

4. PGD Nutrition and Food Science Requirements

Bachelors with CGPA of 1.6 and above as well as HND with Lower Credit in related discipline are accepted.

5. M.Sc Nutrition and Food Science Requirements

CGPA of 2.75/4 or 3.25/5 in Biochemistry or related discipline. CGPA of 3.0 at PGDABCM or related discipline.

6. Ph.D Nutrition and Food Science Requirements

M.Sc degree with CGPA of 3.0/4 or 4.0/5 in NFS or related discipline.

DEPARTMENT OF PHARMACOLOGY

POSTGRADUATE PROGRAMMES IN THE DEPARTMENT OF PHARMACOLOGY

1. M.SC. PROGRAMMES ARE AVAILABLE IN THE FOLLOWING AREAS:

- (a) Pharmacology of Medicinal Plants (Ethnopharmacology)
- (b) Biochemical Pharmacology
- (c) Clinical Pharmacology
- (d) Experimental Diabetes Mellitus and Endocrine Regulation of Metabolism
- (e) Toxicology and Teratology
- (f) Cardiovascular Pharmacology
- (g) Pharmacokinetics
- (h) Renal Pharmacology
- (i) Psychopharmacology

Entry Requirement:

- (a) The programme is open to holders of degrees in Anatomy, Biochemistry, Chemistry, Physiology, Biology, Microbiology, Nursing and Medical Laboratory Sciences with a Cumulative Grade Point Average (CGPA) of not less than 3.00/5 or 2.75/4.
- (b) Those with professional qualifications in B. Pharm, Medicine (MBBCH/MBBS) or Veterinary Medicine (BVM & DVM).
- (c) Applicants are required to submit a one-page Mission Statement and to attend a personal interview in the Department.

2. PH.D IN PHARMACOLOGY

Entry Requirement:

- (a) Holders of Masters Degree in Pharmacology with a Cumulative Grade Point Average (CGPA) of not less than 3.0/4 or 4.0/5 or 60% from the University of Calabar or any other recognized University. Holders of Bachelors degree in medicine, Dentistry, MD (Doctor of Medicine) or VMD (Doctor of Veterinary Medicine) with Masters Degree in Pharmacology may apply.
- (b) Applicants are required to submit a one-page Mission Statement and to attend a personal interview in the Department.

DEPARTMENT OF PHYSIOLOGY

(A) Postgraduate Diploma in Physiology (PGD)

Entry Requirements

In addition to having O-level requirement for admission into the University of Calabar, the candidates for admission into the Post Graduate Diploma in Physiology MUST have any of the following.

- (a) NIST Final certificate or equivalent in Physiology/Pharmacology (at credit level of above).
- (b) B.Sc. 2nd Class Hons Degree in any related science discipline (e.g. Biology)
- (c) Final Diploma in Health Sciences.
- (d) 3rd Class Hons Degree or 2nd Class Hons lower division with a low CGPA in Physiology.

(B) M.Sc.

Specific Requirements for M.Sc. Degree

Admission into the programme is open to graduates of the University of Calabar or other Universities recognized by the Senate who hold at least a second class Hons Degree in Physiology or related disciplines with a minimum of 3.0/5 cumulative grade point average. It is also open to holders of MBBCh, DVM or BVM or pass at credit level in postgraduate Diploma in Physiology

(C) Ph.D

Specific Requirement for Ph.D Degree

The programme is open to any candidate who has the following qualifications:

- (i) Masters degree in Physiology with a minimum of 3.00/4.00 Cumulative Grade Point Average or 4.00/5.00.

FACULTY OF EDUCATION

DEPARTMENT OF ARTS EDUCATION

1. **Admission Requirements**

a) **M.Ed. in Language Arts**

The statutory O'level requirement of 5 credits including English and Literature in English and any other 3 relevant subjects is mandatory. In addition, candidates who have B.A (Ed) or B.Ed with a pass at either 1st Class 2nd Class upper or Lower can apply. Candidates who have a B.A degree in English Language or French Language at any of the pass levels above plus a PGDE certification can also apply.

b) **Ph.D in Language Arts**

The admission requirements as in (a) above plus a Masters degree in Education. Indication towards English Language or French gives added advantage.

Entry Requirements

Candidates should note that the CGPA of 3.00 and above on a 5-point scale or 2.75 and above on a 4-point scale is acceptable for the Masters programme while for Ph.D, a CGPA of 3.00 and above on a 4-point scale or 4.00 and above on a 5-point scale is obtainable.

2. Duration

- a) The durations for the M.Ed programmes (Fulltime and Part-Time) including course work and thesis writing are 18 and 28 months respectively.
- b) The durations for the Ph.D programme (Fulltime and Part-Time) including course work and dissertation writing are 3 and 6 academic years respectively.

DEPARTMENT OF BUSINESS EDUCATION

Masters Degree in Business Education

Admission Requirements

The following categories of candidates are eligible for admission on application:

- a) Holders of Bachelor of Education (B.Ed) in Business Education with CGPA of at 3.00/5.00
- b) Holders of Bachelor of Science (B.Sc) degree in related in related disciplines like Accounting, Business Management, Marketing, Economics who in addition, obtained a minimum teaching qualification of PGD from accredited tertiary institutions.

Areas of Specialization

The applicant is expected to specialize in any of the following areas:

1. Accounting Education
2. Management Education
3. Marketing Education
4. Office Education

DEPARTMENT OF CONTINUING EDUCATION AND DEVELOPMENT STUDIES

DEGREE OFFERED:

M.Ed and Ph.D degrees in Continuing Education and Development Studies with specialization:

- i. Literacy and Vocational Education
- ii. Community Development
- iii. Social Work Education
- iv. Industrial and Labour Education
- v. Communication Arts Education
- vi. Environmental Adult Education
- vii. Women Education
- viii. Cooperative Management

ADMISSION REQUIREMENTS:

(a) M.Ed degree

- (i) Candidates for M.Ed degree shall have acquired first degree in Continuing Education or related fields from the University of Calabar or other recognized Universities.
- (ii) Candidates who have acquired first degrees in fields like Educational Management, Guidance/Counselling, Educational Administration/Planning, Physical and Health Education, Curriculum and Teaching, Nursing, Social Work, Community Health, Community Development etc. from the University of Calabar or other recognized Universities.

- (iii) Candidates with degrees other than the above, but who possess in addition, Postgraduate Diploma in Education.
- (iv) Any other candidate whose qualification, competence and experience for the proposed course of study have been approved by the Senate of the University.
- (v) Candidates for Master degree programme must have a CGPA of 3.00/5 or 2.75/4.

(b) Ph.D degree

- (i) Admission to Ph.D programme in Continuing Education is open to candidates who have earned the M.Ed degree or its equivalent in Continuing Education of the University of Calabar or other approved universities.
- (ii) Candidates who have earned M.Sc and M.Ed degrees in related fields and who in addition, have possessed the postgraduate diploma degree in education.
- (iv) Candidates for the Ph.D programme must in addition, have a CGPA of 4.00/5.00 or 3.00/4.00.

DEPARTMENT OF CURRICULUM AND TEACHING

Department of Curriculum and Teaching offers M.Ed and Ph.D programmes in Curriculum Studies, Elementary Education and Teacher Education.

ADMISSION REQUIREMENTS

As stipulated by Graduate School Regulations. In addition to this, applicants into M.Ed programmes should have B.Ed degree in a relevant field of Education or Postgraduate Diploma in Education if the degree is not relevant. Candidates must also have a CGPA not lower than 3.00/5. Candidates for Ph.D programme in any of the listed courses should possess M.Ed in a relevant field of Education, with a CGPA not lower than 4.00/5.

On completion of admission form, all candidates are required to write a qualifying test as well as attend oral interview. A cumulative score of not less than 60% qualifies a candidate for admission.

DEPARTMENT OF EDUCATIONAL ADMINISTRATION AND PLANNING

The Department offers graduate programmes leading to the award of M.Ed. and Ph.D degrees in Educational Administration and Planning; Administration and Supervision; Administration in Higher Education; Economics and Politics of Education.

Entry Requirements:

1. Five (5) 'O'level credits including English Language and Mathematics; or five TC II passes at Merit level including English Language and Mathematics with B.Ed, B.A or B.Sc in Education.
2. A CGPA of 3.00/5 or 2.74/4 for M.Ed; and 4.00/5 or 3.00/4 for Ph.D.

DEPARTMENT OF EDUCATIONAL FOUNDATIONS, GUIDANCE AND COUNSELLING

A. MASTERS PROGRAMMES

- (a.) Sociology of Education
- (b.) Educational Psychology
- (c.) Philosophy of Education
- (d) Educational Research, Measurement and Evaluation
- (e) Guidance and Counselling

B. Ph.D PROGRAMMES

- (a.) Sociology of Education
- (b.) Philosophy of Education
- (c.) History of Education
- (d.) Educational Psychology with specialty in:
 - (i) Development Psychology
 - (ii) Psychology of Learning
 - (iii) Social and Personality Development
- (e.) Educational Research, Measurement and Evaluation with specialty in:
 - i) Measurement and Evaluation
 - ii) Research and Statistics
- (f.) Guidance and Counselling with specialty in:
 - (i) Career Counselling
 - (ii) Pastoral Counselling
 - (iii) Family Counselling
 - (iv) Development Guidance
 - (v) Rehabilitation Counselling

ENTRY REQUIREMENT

O'LEVELS: Candidates must obtain at least five 'O'level credits including English Language or Teachers' Grade II certificate at merit level or better, including at least credit pass in English Language.

CGPA of 3.00/5 or 2.75/4 for Masters, 4.00/5 or 3.00/4 for Ph.D or 3.50/5 for M.Ed/Ph.D.

DEPARTMENT OF ENVIRONMENTAL EDUCATION

The departmental requirements for the M.Ed in Environmental Education have not changed. All other requirements are as reflected in the general admission requirements of the University of Calabar Graduate School.

Five Ordinary Level credits including English Language and Mathematics. Credit in Geography is an added advantage. Minimum CGPA of 3.00/5 or 2.75/4.

DEPARTMENT OF HUMAN KINETICS AND HEALTH EDUCATION

Postgraduate Diploma in Human Kinetics and Health Education (PGDHKE)

Degrees offered:

M.Ed and Ph.D degrees in Human Kinetics and Health Education with specialization in:

- (a) Sports Management
- (b) Sociology of Sports
- (c) Psychology of Sports
- (d) Health Education
- (e) Physiology of Exercise
- (f) Recreation and Tourism
- (g) Athletic Training

Admission Requirements:

(A) PGD in Human Kinetics and Health Education

Candidates for the PGD Programme must have acquired:

- (i) First degree (with not less than 3rd Class) in any course that is not related to Human Kinetics and Health Education Programme
- (ii) First degree in Human Kinetics and Health Education programme with a CGPA that is not lower than a CGPA of 1.50.

(B) M.Ed Degree in Human Kinetics and Health Education

- (i) Candidates for M.Ed degree shall have acquired first Degree in Human Kinetics and Health Education of the University of Calabar or other recognized Universities with at least one year post qualification experience in teaching or in an educational agency.
- (ii) Candidates who have acquired first degree in Nursing Science or Environmental Education (Human Kinetics and Health Education option) from the University of Calabar or other recognized Universities with at least one year post-qualification experience.
- (iii) Candidates with degree in disciplines other than the above who possess in addition, Postgraduate Diploma in Human Kinetics and Health Education or Advance Diploma in Sports Administration of Nigeria Institute for Sports (NIS):
- (iv) Any other candidate whose qualification, competence and experience for the proposed course of study have been approved by Senate.

(C) The Ph.D Degree

- (i) Admission to the Ph.D programme in Human Kinetics and Health Education is open to all candidates who have earned M.Ed or its

equivalent in Human Kinetics and Health Education of the University of Calabar or other approved Universities.

- (ii) Candidates who have earned Master's degree in Public Health or any other relevant course from the University of Calabar or other recognized Universities. These categories of candidates who do not have Human Kinetics and Health Education background shall be made to pass through the M.Ed/Ph.D programme of the University of Calabar.
- (iii) Candidates in M.Ed/Ph.D programme in Human Kinetics and Health Education programme that satisfy the Graduate School requirements for advancement into Ph.D programme may similarly be considered.

NB: G.C.E. Ordinary level papers or their equivalents required for admission into the first degree programme in this University shall equally be used in the determination of the suitability of each candidate for admission into these programmes.

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

The following are the postgraduate programmes available in the department:

- 1. Postgraduate Diploma in Library and Information Science**
- 2. Master's Degree programme in Library and Information Science**
 - a. Archives and Records
 - b. Information Science
 - c. Digital Librarianship
- 3. Ph.D in Library and Information Science**
 - a. Archives and Records
 - b. Information Science
 - c. Digital Librarianship

DEPARTMENT OF SCIENCE EDUCATION

The following programmes are offered in the Department of Science Education:

- 1) M.Ed and PhD in Mathematics Education
- 2) M.Ed and PhD in Science Education

Entry Requirements:

- i. **Five (5) O'level** credit passes in English Language, Mathematics and any three (3) of Chemistry, Biology, Physics, Agricultural Science, Further Mathematics at not more than two (2) sittings. For the programmes in Mathematics Education, Geography and Economics may be among the three O'level subjects to be passed at credit level.
- ii. **For M.Ed Programmes:**
 - a) A bachelor's degree with first and second class honours in either Education/Biology or Education/Chemistry or Education/Mathematics or Education/Physics.
 - b) B.Sc in relevant Science disciplines (Excluding Agric. Science) and a Post graduate Diploma in Education (PGDE) degree passed at credit level.

- c) All other general entry requirements as specified by Graduate school for Master's degree programme.

iii. For PhD programmes:

- a) Requirements (a) and (b) under M.Ed programme
- b) M.Ed or M.Sc (Ed) degree in Mathematics Education or Science Education
- c) All other general entry requirements as specified by Graduate School for PhD degree programmes.

Registration Code:

The registration code for students undergoing programmes in the Department of Science Education should be as follows:

- (a) SED/M.Ed/year of admission/student's number
- (b) SED/Ph.D/year of admission/student's number

DEPARTMENT OF SOCIAL SCIENCE EDUCATION

The Department of Social Science Education offers advanced programmes leading to the award of M.Ed, and Ph.D degrees in Social Studies.

ENTRY REQUIREMENTS

1. A minimum of 5 O'Level credits (5 relevant credits)
2. CGPA OF 3.00/5 or 2.75/5 for MASTERS
3. CGPA of 4.00/5 or 3.00/4 for Ph.D

DEPARTMENT OF SPECIAL EDUCATION

The Department offers graduate programmes leading to the award of Postgraduate Diploma in Special Education and Masters (M.Ed) degree in Special Education in the following areas:

1. Education of persons with visual impairment
2. Education of persons with hearing impairment
3. Education of persons with intellectual disabilities
4. Education of the gifted and talented
5. Education of persons with learning disabilities.
6. Education of persons with speech disorders

Entry Requirements:

Five (5) O level credits including English Language and Mathematics, or five TC II with merit passes including English Language and Mathematics, HND in Special Education, B.Sc Ed, B.A Ed and B.Ed.

A CGPA of 3.00/5 or 2.7.5/4

FACULTY OF LAW

Postgraduate Diploma in Law and Diplomacy

- (a) Third Class/Pass in Law
- (b) CGPA of 2.50/4 & 2.60/5 in Humanities, Arts, Social Sciences and other related disciplines.

MILD & Ph.D (Law and Diplomacy)

Entry requirements:

- (a) CGPA of 3.00/5 & 2.75/4 for Masters in Law
- (b) Postgraduate Diploma in Law and Diplomacy of the University of Calabar
- (c) CGPA of 3.00/4 for Ph.D.
- (d) Graduate from Art, Humanities, Social Sciences and other related disciplines.

Law (LL.M & Ph.D)

- (a) CGPA of 2.70/5 & 2.50/4
- (b) Call to Bar Certificate
- (c) NYSC discharge/exemption certificate

FACULTY OF MANAGEMENT SCIENCES

DEPARTMENT OF ACCOUNTING

1. Admission Requirements for M.Sc Degree Programme in Accounting

- a. B.Sc Degree in Accounting with a minimum of 3.00 on a 5 Point Scale or 2.75 on a 4-Point Scale from a University recognized by the Senate of the University of Calabar.
- b. At least a "B" grade at B.Sc Research Project.
- c. Reference Letter from former Head of Department or Lecturer.
- d. Holders of Postgraduate Diploma in Accounting with a CGPA of 3.00 on a 5 point Scale or 2.75 on a 4 Point Scale from a University recognized by the Senate of the University of Calabar may be admitted into the M.Sc Accounting programme.
- e. Candidate must have 5 Credit Passes at one or two sittings including English Language, Mathematics and Economics at the Ordinary Level, as a basic requirement.
- f. Candidates must have attained a satisfactory level of performance in the University's aptitude test or screening exercise and oral interview.

2. Entry/Admission requirement for Ph.D in Accounting.

- a. M.Sc Degree in Accounting with a CGPA not lower than 4.00 on a 5 Point Scale or 3.00 on a 4 Point Scale grading system respectively from a University recognized by the Senate of the University of Calabar.

- b. Candidates must have at least a “B” grade in M.Sc thesis
- c. **Third Class and Pass Grade in the first Degree is not accepted for admission.**
- d. Candidate must have 5 Credit Passes at one or two sittings including English Language, Mathematics and Economics at the Ordinary Level, as a basic requirement.
- e. Candidates must have attained a satisfactory level of performance in the University’s aptitude test or screening exercise and oral interview.

DEPARTMENT OF BANKING & FINANCE

Programmes leading to M.Sc and Ph.D in Finance are available in the Department.

1. ADMISSION CRITERIA FOR M.SC FINANCE

- (a) B.Sc holders in Banking and Finance, Economics and Accounting with a minimum CGPA of 3.00 on a 5-point grading system or 2.75 on a 4-point grading system from the University of Calabar or any other University recognized by the Senate of the University of Calabar.
- (b) Candidates must have five credit passes at one or two sitting including English Language, Mathematics and Economics at the ordinary level, as basic requirement.
- (c) Candidates must have attained a satisfactory level of performance in the University’s aptitude test or screening exercise and oral interview.
- (d) Reference letter from Head of Department or lecturer from former institution.

2. ADMISSION CRITERIA FOR PH.D FINANCE

Without prejudice to the general requirement for graduate admission, candidates for Ph.D must satisfy the following conditions:

- (a) M.Sc Degree in Banking and Finance from a University recognized by the Senate of the University of Calabar.
- (b) At least a ‘B’ grade in Masters Research Thesis.
- (c) PGDM, HND, Third Class and Pass in the first degree or degree in non-cognate Banking & Finance or closely-related areas are NOT acceptable for admission.

DEPARTMENT OF BUSINESS MANAGEMENT

1. Entry/Admission Requirements for Postgraduate Diploma in Management (PGDM)

- (a) A University degree with a minimum of third class or HND with a minimum of lower credit pass.
- (b) Candidates must have five credit passes at one or two sittings including English, Mathematics and Economics at the ordinary level, as basic requirement.

- (c) Candidates must have attained a satisfactory level of performance in the University's aptitude test or screening exercise.

(2) Entry/Admission Requirements for Masters in Business Administration (MBA)

- (a) Candidates with Bachelor's degrees from an approved University must obtain a minimum of second class lower division with a minimum CGPA of 3.00 on a 5.00 point scale or 2.75 on a 4.00 point scale.
- (b) Holders of HND with a minimum of lower credit pass and/or professional qualification in administration disciplines with relevant post-graduate diploma from a recognized University with a minimum CGPA of 3.00 on a 5.00 point scale or 2.75 on a 4.00 point scale.
- (c) Candidates must have five credit passes at one or two sittings including English, Mathematics and Economics at the Ordinary level, as basic requirement.
- (d) Candidates must have attained a satisfactory level of performance in the University's aptitude test or screening exercise.

3. Entry/Admission Requirement for M.Sc Degree Programme in Management

- (a) B.Sc. degree in Business Management or closely related Management Sciences discipline with a minimum CGPA of 3.00 on a 5.00-point scale or 2.75 on a 4.00 point scale from a University recognized by the Senate of the University of Calabar.
- (b) At least a "B" grade in his/her B.Sc Research Project.
- (c) Reference letter from former Head of Department or Lecturer from former institution.
- (d) Candidates must have five credit passes at one or two sittings including English, Mathematics and Economics at the Ordinary level, as basic requirement.
- (e) Candidates with MBA degree may be considered for admission provided such candidates fulfill the departmental requirements as stated above. Candidates with HND even with PGDM and MBA or First degree in non-Management Sciences discipline will not be accepted for admission into the M.Sc programme.
- (f) Candidates must have attained a satisfactory level of performance in the University's aptitude test or screening exercise and oral interview.

4. Entry/Admission Requirements for Ph.D. in Management

Without prejudice to the general requirements for graduate admission, candidates for Ph.D. must satisfy the following conditions:

- (a) M.Sc. degree in Management or closely related Management Sciences discipline from a university recognized by the Senate of the University of Calabar with a minimum CGPA of 3.00 on a 5.00 point scale or 3.50 on a 4.00 point scale.
- (b) At least a 'B' grade in Masters research thesis.
- (c) Candidates with Third class and Pass in the first degree are not eligible for admission.
- (d) Candidates must have five credit passes at one or two sittings including English Language, Mathematics and Economics at Ordinary level as basic requirement.
- (e) Candidates must have attained a satisfactory level of performance in the University's aptitude test or screening exercise and oral interview.

DEPARTMENT OF MARKETING

1. Admission Requirements for M.Sc Degree Programme in Marketing

- (a) B.Sc Degree in Marketing with a minimum CGPA of 3.00 on a 5.00 point scale or 2.75 on a 4.00 point scale from a University recognized by the Senate of the University of Calabar
- (b) At least a 'B' grade at B.Sc research project.
- (c) Reference letter from former Head of Department or Lecturer.
- (d) Holders of Postgraduate Diploma in Marketing with a minimum CGPA of 3.00 on a 5.00 point scale or 2.75 on a 4.00 point scale from a University recognized by the Senate of the University of Calabar may be admitted into the M.Sc Marketing Programme.
- (e) Candidates must have 5 credit passes at one or two sittings including English, Mathematics and Economics at the Ordinary Level, as basic requirement.
- (f) Candidates must have attained a satisfactory level of performance in the University's aptitude test or screening exercise and oral interview.

2. Entry /Admission Requirement for Ph.D in Marketing

The Ph.D programme in Marketing has specialization in the following areas:

- Strategic Marketing
- Logistics and Supply Chain Management
- International Marketing
- Services Marketing
- Marketing Communication
- Tourism and hospitality Marketing
- Consumer Behaviour

The criteria for admission into the Programme are:

- (a) M.Sc Degree in Marketing with CGPA not lower than 4.00 on a 5.00 point scale or 3.50 on a 4.00 point scale grading system respectively from a University recognized by the Senate of University of Calabar.

(b) Candidates must have at least a 'B' grade at M.Sc thesis.

(c) Third Class and Pass Grade in the first degree is NOT acceptable for admission.

(d) Candidates must have 5 credit passes at one or two sittings including English, Mathematics and Economics at the Ordinary Level, as basic requirement.

Candidates must have attained a satisfactory level of performance in the University's aptitude test or screening exercise and oral interview.

FACULTY OF MEDICINE AND DENTISTRY

DEPARTMENT OF MEDICINE AND DENTISTRY

All departments in the Faculty of Medicine and Dentistry run the Doctor of Medicine (D.M) programme. Admission requirements are as follows:

Admission Requirements for Doctor of Medicine (D.M) Programme

1. MBBCh/BDCh or equivalent qualifications from any of the accredited Universities. In addition, candidate must possess a recognized postgraduate professional/academic qualification at the Fellowship level after the MBBCh, or BDCh degree.
2. In every case the candidate must have had a minimum of two years post Fellowship experience in a specialty or in any related specialty.
3. A candidate shall be admitted to one of the clinical departments in the College of Medical Sciences.

DEPARTMENT OF COMMUNITY MEDICINE

Master of Science (M.Sc) programme in Clinical Epidemiology and Disease Control

Entry Requirements

1. MBBCh with at least 2 years experience in clinical practice (post NYSC).
2. Successful completion of NYSC
3. Participation in written and oral interview in the Graduate School Qualifying Examination.

FACULTY OF SCIENCE

DEPARTMENT OF BOTANY

The Department of Botany offers graduate programmes leading to the award of M.Sc and Ph.D in the following areas;

1. Plant Physiology /Plant Biochemistry
2. (a) Phytopathology/Mycology
(b) Plant Virology
3. Plant Ecology/Environmental botany
4. Plant taxonomy/ Biosystematics

Entry requirements

Candidates seeking admission into the M.Sc degree programme must hold a B.Sc honors degree with a second class in Botany and CGPA of 3.00 and above on a 5-point scale or CGPA of 2.75 on a 4-point scale. Candidates seeking admission into

the Ph.D programme must hold an M.Sc with CGPA of 3.00 on a 4-point scale or 4.00 on a 5-point scale and thesis score of not lower than 60 % (B).

Candidates must demonstrate adequate intellectual capacity, maturity and effective decision making and problems solving potentials.

DEPARTMENT OF COMPUTER SCIENCE

The Department of Computer Science offers the following postgraduate programmes:

1. PGD Computer Science
2. M.Sc Computer Science

The registration code is CSC

DEPARTMENT GENETICS AND BIOTECHNOLOGY

The Department of Genetics and Biotechnology runs the, M.Sc, M.Sc/Ph.D and Ph.D degree programmes in the following areas:

- 1) M.Sc and Ph.D in Plant Biotechnology
- 2) M.Sc and Ph.D in Plant Genetics and Breeding
- 3) M.Sc and Ph.D in Animal Genetics and Breeding
- 4) M.Sc and Ph.D in Animal Biotechnology
- 5) M.Sc and Ph.D in Human Genetics
- 6) M.Sc and Ph.D in Environmental Biotechnology

Entry Requirements:

M.Sc Degree

Applicants must possess B.Sc degrees in Genetics and Biotechnology, Zoology and Environmental Biology, Fisheries and Aquaculture, Marine Biology, Botany, Microbiology and Animal Physiology with a CGPA of 3.00 on a 5-point grading system or 2.75 on a 4 point-scale. Holders of PGDs in the above areas including Environmental Education and Medical Microbiology and Parasitology with CGPAs not lower than 3.00 are also eligible to apply.

Ph.D degree:

- a) B.Sc degree with a CGPA not lower than 3.0/5 or 2.75/4
- b) M.Sc degree in relevant area with a CGPA of 4.00/5 and thesis score not lower than 60% (B).
- c) Candidates must demonstrate adequate intellectual capacity, maturity and effective decision making and problem solving potentials.

DEPARTMENT OF GEOLOGY

The following are the postgraduate programmes available in the Department:

1. **Postgraduate Diploma in Applied Geology**

Entry Requirements

Applicants should have at least an O'Level Credit pass in English Language, Mathematics, Physics and Chemistry together with any of the under-listed qualifications:

B.Sc (Hons) or B. Tech degree of Geology, Marine Geology or Mining.

Duration of Programme

All full-time candidates for the PGD programme shall pursue their studies for not more than twelve (12) calendar months.

2. M.Sc and Ph.D Programmes

The major areas and fields of specialization are:

A. Major areas and fields of specialisation

1. Mineralogy/Petrology

Igneous Petrology

Mineralogy

Mineral Resources/Mining Geology

Special Combinations (Petrology/Structural Geology;

Petrology/Mineralogy; Petrology/Geochemistry)

2. Structural Geology/Tectonics

Structural Geology/Global Tectonics

Structural Geology/Mineral Exploration

Structural Geology/Geophysics

Structural Geology/ Rock Mechanics

3. Mineral Resources (Geochemistry/Geophysics option)

Economic Geology

Mineral Exploration (Geochemistry or Geophysics option)

4. Petroleum Geology

Petroleum Geochemistry

Sedimentology

Stratigraphy

Petroleum Geology (Sedimentology/Structural Geology;

Sedimentology/Stratigraphy)

5. Petroleum Geophysics

6. Hydrogeology/Geotechnical Engineering

Hydrogeology

Geotechnical Engineering

7. Environmental Geosciences

Environmental Geochemistry

Environmental Geophysics

Environmental Hydrogeology

Entry Requirements

Applicants seeking for admission in any programme in Geology Department should have at least an O'Level credit pass in English Language, Mathematics, Physics and Chemistry. Other Requirements are as given below:

a) M.Sc Degree

Applicants should have B.Sc (Hons) in Geology or Marine Geology with a Cumulative Grade Point Average (CGPA) of 2.75/4 or 3.00/5. Holders of Postgraduate Diploma in Applied Geology (PGDAG) of the University of Calabar with a CGPA of not less than 2.75/4 or 3.00/5 are also eligible to apply.

b) Ph.D Degree

Applicants should have an M.Sc Degree in the areas listed above with a Cumulative Grade Point Average of not less than 4.00/5 or 3.00/4. In addition, each applicant should have secured the consent of potential relevant supervisors.

DEPARTMENT OF MATHEMATICS

The of Mathematics runs the following postgraduate programmes:

1. **Postgraduate Diploma in Mathematics**

The Department offers a one year full-time course for graduate students leading to a Postgraduate Diploma in Mathematics. .

Admission requirements:

- (i) University of Calabar graduates with at least third class degree and CGPA of not less than 1.50/5.00;
- (ii) The candidates transcript must be received before the close of admission
- (iii) Candidates with BSc Physics, B. Engineering or HND (upper Credit) in Mathematics/Statistics or Statistics can also be considered.

2. **M.Sc. in Applied Mathematics**

M.Sc. programme is run on full time only.

Admission Requirements:

Mathematics Graduates of the University of Calabar or other recognized Universities with second class B.Sc. degree and a CGPA of at least 3.00/5.00 or 2.75/4.00.

3. **PhD in Applied Mathematics**

Ph.D. programme is run both on full time (3yrs) and part time (5yrs).

Areas of Specialization include Numerical Analysis, Functional Analysis, Real Analysis, Complex Analysis, Ordinary and Partial Differential Equations, Fluid Mechanics/Dynamics, etc)

Admission Requirements:

Candidates for admission into the Ph.D. programme must hold a Master's degree in Mathematics from the University of Calabar or any recognized university with a CGPA of at least 4.00/5.00 or 3.00/4.00.

The departmental registration codes:

- (i) MTH/PGD/15/... for Postgraduate Diploma programme in Mathematics
- (ii) MTH/M.Sc/15/... for M. Sc. Programme Applied Mathematics
- (iii) MTH/PhD/15/... for PhD programme Applied Mathematics

DEPARTMENT OF MICROBIOLOGY

The Department of Microbiology offers the following postgraduate programmes:

- 1. M.Sc & Ph.D in Epidemiology and Environmental Biotechnology
- 2. M.Sc & Ph.D in Environmental Health and Microbial Biotechnology
- 3. M.Sc & Ph.D in Environmental Microbiology and Biotechnology
- 4. M.Sc & Ph.D in Pathogenic and Public Health Microbiology
- 5. M.Sc & Ph.D in Food and Industrial Microbiology

Entry Requirements

Candidates seeking admission into the M.Sc. degree programmes must hold a B.Sc honors degree with a second class (lower) division in Microbiology and CGPA of 3.00 and above on a 5 -point scale or CGPA 2.75 on a 4-point scale. Candidates seeking admission into the Ph.D programme must hold a M.Sc. with CGPA of 3.00 on a 4-point scale or 4.00 on a 5-point scale.

Candidates seeking admission into the PGD programme MUST hold a B.Sc 2nd class honours lower division in Microbiology or its equivalent with a CGPA of at least 2.40 on a 5 -point scale or 1.60 on a 4-point scale. HND and third class degree holders are not acceptable.

DEPARTMENT OF PHYSICS

The Department of Physics offers the following PGD, M.Sc and Ph.D programmes in the areas listed below:

1. PHYSICS

Research Areas:

- (i) Theoretical Nuclear Physics
- (ii) Applied Nuclear Physics
- (iii) Solid State Physics
- (iv) Medical Physics
- (v) Atmospheric Physics /Meteorology
- (vi) Environmental Physics
- (vii) Astrophysics / Cosmology

2. GEOPHYSICS

Research Areas:

- (i) Seismic
- (ii) Electrical & Electromagnetics
- (iii) Gravity & Magnetism.
- (iv) Environmental & Engineering Geophysics
- (v) Groundwater Geophysics
- (vi) Computing for Geophysicists

3. ENGINEERING PHYSICS

Research Areas:

- (i) Telecommunications
- (ii) Electronics
- (iii) Material Science
- (iv) Acoustics.

DEPARTMENT OF PURE AND APPLIED CHEMISTRY

The Department offers courses and research leading to M.Sc and Ph.D. degrees in Chemistry. There is also a post-graduate diploma in Chemistry.

SPECIFIC ADMISSION REQUIREMENTS

All candidates must have five credit passes in English Language, Mathematics, Chemistry, Physics and Biology at O'Level and must demonstrate adequate intellectual capacity, maturity and effective decision making and problem solving potentials.

- (i) **Postgraduate Diploma in Chemistry**
B.Sc. (Hons) degree with at least a Third Class division (cumulative GPA not lower than 2.3 on a 5-point scale or 2.0 on a 4-point scale) in Chemistry, Biochemistry, Chemical Engineering or HND in Chemical Technology with an Upper Credit and related courses.
- (ii) **Master's Degree**
Admission into the Master's programmes is open to graduates of the University of Calabar or graduates of other universities recognized by Senate, who have at least a Second Class honour degree in Chemistry or related discipline with a CGPA of 2.75 on a 4-point system or 3.00 on a 5-point system. Candidates with first degree in Chemistry (Education) may be considered. Candidates with third class degree or HND and University PGD in Chemistry or related discipline with CGPA of 3.0/5.0 may also be considered.
- (iii) **Doctoral Degree Programme**
Admission into the doctoral degree programme is open to graduates of the University of Calabar or graduates of other Universities recognized by Senate, who have a First of second class honour degree and a Master's degree in Chemistry or related area with a CGPA not lower than 3.00 on a 4-point system or 4.00 on a 5-point system and a thesis score not lower than 60% (B).

DEPARTMENT OF STATISTICS

The Department of Statistics runs the following postgraduate programmes:

1. Postgraduate Diploma in Statistics

The Department offers a one year full-time course for graduate students leading to a Postgraduate Diploma in Statistics. The programme is designed for candidates who have not met the requirements for M.Sc. programme in Statistics, to provide a good basis for further graduate work in statistics and to provide qualification for those who want to embark on a career as a statistician.

Admission requirements:

- (i) University of Calabar graduates with at least third class degree and CGPA of not less than 1.50/5.00;
- (ii) The candidates transcript should contain evidence of courses in Mathematics and Statistics up to the second year (200) level;
- (iii) Candidates with HND can also be considered.

2. M.Sc. in Statistics

M.Sc. programme is run on full time basis only.

Admission Requirements:

Graduates of the University of Calabar or other recognized universities with second class B.Sc. degree and a CGPA of at least 3.00/5.00 or 2.75/4.00.

3. Ph.D in Statistics

Ph.D. programme is run both in full time and part time basis.

Admission Requirements:

Candidates for admission into the Ph.D. programme must hold a Master's degree in Statistics from the University of Calabar or any recognized university with a CGPA of at least 4.00/5.00 or 3.00/4.00.

The departmental registration codes:

- (i) STA/PGD/15/.... for Postgraduate Diploma programme
- (ii) STA/M.Sc/15/... for M. Sc. programme
- (iii) STA/PhD/15/... for PhD programme

DEPARTMENT OF ZOOLOGY AND ENVIRONMENTAL BIOLOGY

Listed below are the programmes run by this Department at the graduate level:

1. M.Sc, M.Sc/Ph.D and Ph.D Degrees

- a) Fisheries and Aquaculture
- b) Ecology and Environmental Biology
- c) Environmental Pollution and Toxicology
- d) Animal and Environmental Physiology
- e) Parasitology
- f) Entomology

**2. Postgraduate Diploma in Zoology and Environmental Biology
Major Options:**

- a) Wildlife Ecology and Conservation
- b) Aquatic Environmental Management
- c) Animal and Environmental Physiology
- d) Parasitology
- e) Entomology and Pest Management
- f) Environmental Pollution and Toxicology

Entry Requirements

1. M.Sc Degree

Applicants must possess B.Sc degree in Zoology and Environmental Biology, Fisheries and Aquaculture, Marine Biology, Botany, Microbiology, Genetics and Biotechnology and Animal Physiology with CGPA of 3.00 on a 5 point grading system or 2.75 on a 4-point scale. Holders of PGDs in the above area including Environmental Education and Medical Microbiology and Parasitology with CGPA not lower than 3.00 are also eligible to apply.

2. Ph.D Degree

Candidates who have the entry qualifications of the M.Sc degree in the areas listed above. In addition, holders of M.Sc (with thesis) of the University of

Calabar or any other institution recognized by the Senate of the University of Calabar in relevant disciplines may apply.

3. PGD

In addition to having the O'level requirements for the admission into the University of Calabar, candidates for PGD admission must have:

- i) NIST Final certificate or equivalent (at credit or above)
- ii) B.Sc 2nd class honors in any related science discipline (e.g. Biology)
- iii) Pass degree, 3rd class honors degree or 2nd class honors degree with a low CGPA in Zoology and Environmental Biology or any related science discipline.

FACULTY OF SOCIAL SCIENCES

DEPARTMENT OF ECONOMICS

General Requirements for all Programmes:

Five (5) o' level credit passes including Mathematics, English Language and Economics.

SPECIFIC REQUIREMENTS

Ph.D: Must have an M.Sc in Economics with CGPA of 4.00/5 or 3.00/4

- M.Sc:**
- 1) B.Sc Economics with CGPA of 3.00/5 or 2.75/4.
 - 2) First degree in a related course and a Post Graduate Diploma in Economics of the University of Calabar with a CGPA of 3.00/5.
 - 3) HND (Upper Credit) in a related course with a Postgraduate Diploma in Economics of the University of Calabar with a CGPA of 3.00/5.

- PGD:**
- 1) First degree in a related field with a CGPA of 1.50 and above.
 - 2) HND (Upper Credit)

Note: Candidates who read Law and courses in the Faculty of Arts **NEED NOT APPLY FOR PGD.**

DEPARTMENT OF GEOGRAPHY AND ENVIRONMENTAL SCIENCE

Areas of Specialization

- (a) Urban Development Planning
- (b) Regional/Rural Development Planning
- (c) Land Resource Evaluation and Planning
- (d) Population, Environment and Development
- (e) Climate and Society
- (f) Hydrology and Water Resources
- (g) Geomorphology
- (h) Transportation and Industrial Studies
- (i) Biogeography and Biodiversity Conservation
- (j) Agricultural Geography
- (k) Geography of Forest Ecology and Management

- (l) Ecotourism and Recreation Planning

Specific Requirements

(a) M.Sc Degree

- (i) Admission into the programme is open to candidates with B.Sc. or B.A degree in Geography and Environmental Science from the University of Calabar or other Universities recognized by Senate. Graduates with the above qualifications in related disciplines in the Faculty of Social Sciences (e.g. Economics, Social Anthropology, Environmental Science), Faculty of Environmental Design (e.g. Land Surveying, Architecture, Urban and Regional Planning, Cartography), the Faculty of Science (Biology, Zoology, Botany, Ecology, Geology, Microbiology), the Faculty of Education (e.g. Education Geography, Environmental Education), may be accepted for direct admission into the M.Sc. Programme with the approval of Senate. For all cases a CGPA of at least 3/5 or 2.75/4 is required.
- (ii) Other fields outside the foregoing are expected to undergo a Post-graduate Diploma (PGD) in Geography and Environmental Science before proceeding to the M.Sc. programme.

(b) Ph.D Degree

- (i) Admission to the Ph.D programme in Geography and Environmental Science is in accordance with the General University Regulations for Higher Degrees. Admission is open to holders of the Master's Degree (M.A, M.Sc.) in Geography and Environmental Science or a related subject from the University of Calabar or any other recognized University.
- (ii) A CGPA of not less than 4/5 or 3/4 is essential.

(c) PGD

Those eligible to apply for this programme include:

- (a) Graduates in other fields outside those considered for the M.Sc. programme e.g. graduates in the humanities with B.A/B.Sc. degrees in the Humanities, other Social Sciences, Agriculture, Management Sciences and the Natural Science.
- (b) H.N.D holders in any relevant discipline with a minimum of Upper Credit pass.
- (c) Graduates of Geography/Environmental Science with CGPA of not less than 2.00 on a 4-point grading system or 2.75 on a 5-point grading system.

(d) Names of Degrees

The post-graduate degrees awarded by the Department are:

- (i) M.Sc. in Geography and Environmental Science (with area of specialization in parenthesis).
- (ii) Ph.D in Geography and Environmental Science (with area of specialization in parenthesis).
- (iii) M.Sc/Ph.D in Geography and Environmental Science (with area of specialization in parenthesis).
- (iv) PGD in Geography and Environmental Science

DEPARTMENT OF POLITICAL SCIENCE

M.Sc and Ph.D Programmes are available in the following areas of specialization:

- (a) International Relations and Strategic Studies
- (b) Political Economy and Development Studies

Entry Requirements:

M.Sc Programme

B.Sc or B.A in Political Science, International Relations, Political Economy, Public Administration (Second Class Lower) may be considered. Graduates with the above qualifications in related disciplines in the Faculty of Social Sciences or Law, History or Philosophy may be accepted for direct admission into the M.Sc Programme. They must have not lower than 3.00 on a 5.00 point scale or 2.75 on a 4.00 point scale.

Ph.D Programme

A Graduate who has obtained a higher degree of the University of Calabar or any other recognized university will be admitted into the M.Sc/Ph.D category in the first instance. Applicants must be holders of the Masters Degree in Political Science, International Relations, and Political Economy, with a minimum CGPA of 4.00 on a 5-point scale or 3.00 on a 4-point scale.

DEPARTMENT OF PUBLIC ADMINISTRATION

- a. MPA: Masters in Public Administration (CES)
- b. M.Sc: Masters in Public Administration (NUC)
- c. M.Sc: Policy and Administrative Studies
- d. M.Sc/PhD
- e. Ph.D: Doctor of Philosophy in Public Administration (NUC)

Entry Requirements:

- a. MPA (CES)

Admission requirements and credit load:

- i. Students admitted to the programme will be holders of a good first degree from recognized universities.
- ii. To qualify for the award of MPA degree, a candidate must successfully complete 24 credit units of the 500 level courses plus 6 credits of research work.

- b. **M.Sc Public Administration Degree**

A good B.Sc or B.A degree in Public Administration, Political Science with (Second Class Lower) may be considered.

However, Graduates in related disciplines especially in the Faculty of Social Sciences, Law, History and International Studies, Management Sciences or Philosophy may be accepted for direct admission into the M.Sc programmes, only if they possess a CGPA of 4.00 on a 5-point scale and 3.00 on a 4-point scale.

c. M.Sc Policy and Administrative Studies Degree

A good B.Sc or B.A degree in Public Administration, Political Science with (Second Class Lower) may be considered.

However, Graduates in related disciplines especially in the Faculty of Social Sciences, Law, History and International Studies, Management Sciences or Philosophy may be accepted for direct admission into the M.Sc programmes, only if they possess a CGPA of 4.00 on a 5-point scale and 3.00 on a 4-point scale.

d. Ph.D Public Administration Degree

Graduates with higher degrees of the University of Calabar (i.e. M.Sc) or their equivalents from other Universities are qualified for admission if the general requirements of the graduate school are met.

DEPARTMENT OF SOCIOLOGY

Programmes: M.Sc and Ph.D in Sociology

Areas of Specialization (1)	Development Sociology
(2)	Medical Sociology
(3)	Industrial Sociology
(4)	Demography
(5)	Criminology
(6)	Social Anthropology

Requirements: As specified in General requirements, except O'Levels should include 3 Social Sciences subjects and a Pass in Mathematics.

INSTITUTE OF EDUCATION

A. Post Graduate Diploma in Education (PGDE)

Entry Requirements:

1. At least a first degree in any discipline with a CGPA not below 1.60/5.00 or 1.30/4.00.
2. Higher National Diploma (HND) not below lower credit from an Institution recognized by the Senate of the University of Calabar.

B. Post Graduate Diploma in Environmental Education (PGDEE).

Entry Requirements:

1. At least a first degree in any discipline with a CGPA not below 1.60/5.00 or 1.30/4.00.
2. Higher National Diploma (HND) or its equivalence not below lower credit from an institution recognized by the University of Calabar Senate.

INSTITUTE OF OCEANOGRAPHY

1. FISHERIES AND AQUACULTURE UNIT

Postgraduate Diploma in Fisheries and Aquaculture

Post Graduate Diploma in Fisheries and Aquaculture is a one-academic session programme. Eligible candidates include First degree holders of Zoology, Biology,

Fisheries or Aquaculture. Holders of Higher National Diploma in Fisheries and Aquaculture or relevant sciences who have two years of post-qualification experience are also eligible for admission.

Admission Requirements

Five (5) O'Level Credits in relevant science subjects, including English Language and Mathematics, and a graduating cumulative point (CGPA) of not less than 1.5 on a 5-point grading system and 1.0 on a 4-point grading system. Holders of Higher National Diploma (HND) of not less than a merit are also eligible.

2. PHYSICAL OCEANOGRAPHY UNIT

Postgraduate Diploma in Integrated Coastal Zone Management

Post Graduate Diploma in Integrated Coastal Zone Management is a two-semester (one academic session) programme structured for holders of Bachelor's degree in the natural sciences, environmental science, geography and engineering; and for holders of Higher National Diploma in similar areas as stated above with at least 2 years post-qualification cognate experience.

Admission Requirements

Five (5) O'Level Credits in relevant science subjects, including English Language and Mathematics, and a graduating cumulative point (CGPA) of not less than 1.5 on a 5-point grading system and 1.0 on a 4-point grading system. Holders of Higher National Diploma (HND) of not less than a merit are also eligible.

3. BIOLOGICAL OCEANOGRAPHY UNIT

Postgraduate Diploma in Marine Ecology, Toxicology and Pollution Studies

Post Graduate Diploma in Marine Ecology, Toxicology and Pollution Studies, is a two-semester (one academic session) Programme. Eligible candidates include holders of Bachelor degree in Science, Environmental Science, Engineering and related sciences. Holders of Higher National Diploma (HND) of not less than a merit are also eligible.

Admission Requirements

Five (5) O'Level Credits in relevant science subjects, including English Language and Mathematics, and a graduating cumulative point (CGPA) of not less than 1.5 on a 5-point grading system and 1.0 on a 4-point grading system. Holders of Higher National Diploma (HND) of not less than a merit are also eligible.

INSTITUTE OF PUBLIC POLICY AND ADMINISTRATION

1. Postgraduate Diploma in Public Administration (PGDPA)

Entry Requirements

- a. Bachelors Degree in any discipline (minimum of Third Class);

- b. Higher degree in any discipline
 - c. HND in any discipline (minimum of Merit pass)
- Duration of Programme: 12 months

2. Masters in Policy and Administrative Studies (MPAS) (Non-Thesis)

Entry Requirements

- a. Bachelor degree (minimum of Second Class Lower) in:
 - i) Policy and Administrative Studies (PAS)
 - ii) Public Administration
 - iii) Social Sciences
- (b) Higher degree in related disciplines
- (c) Bachelor/Higher degrees in unrelated disciplines, in addition to PGDPA
- (d) HND in any discipline in addition to PGDPA
- (e) Duration of programme: 18th Months

3. **M.Sc in Policy and Administrative Studies (Thesis is mandatory)**

Entry Requirements

As in 2(a), (b), (c) and (d) above.
Duration of programme: 24 months