

GRADUATE SCHOOL

UNIVERSITY OF CALABAR

CALABAR

ADMISSION INTO POSTGRADUATE PROGRAMMES 2016/2017

FACULTY OF AGRICULTURE, FORESTRY AND WILDLIFE RESOURCES MANAGEMENT

Department of Agricultural Economics

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

- i. M.Sc and Ph.D in Agricultural Economic Development and Policy
- ii. M.Sc and Ph.D in Farm Management/Production Economics
- iii. M.Sc and Ph.D in Agricultural Marketing and Cooperatives
- iv. M.Sc and Ph.D in Agricultural Finance
- v. M.Sc and Ph.D in Resource and Environmental Economics
- vi. M.Sc and Ph.D in Agricultural Business Management
- vii. Postgraduate Diploma (PGD) in Agricultural Economics

Entry Requirements

1. Candidates for admission into M.Sc Degree in Agricultural Economics must hold a first degree in Agricultural Economics or a related discipline with a CGPA of 3.00 on a 5-point scale or 2.75 on a 4-point scale from the University of Calabar or any other University recognized by the Senate of the University of Calabar.
2. Candidates for admission into the Ph.D Degree programme in Agricultural Economics must hold a Master of Science Degree in Agricultural Economics or a related discipline with a minimum CGPA of 4.00 on a 5-point scale or 3.00 on a 4-point scale.
3. Candidates for admission into the PGD Agricultural Economics must meet any of the following minimum entry requirements:
 - a) Lower credit for holders of Higher National Diploma (HND) in Agriculture and related disciplines
 - b) A Bachelor's degree with a minimum CGPA of 1.5 on a 5-point scale in Agriculture or related disciplines.

Department of Agricultural Extension

The following are the academic programmes in the Department for 2016/2017 Graduate Admission.

1. Post Graduate Diploma (PGD) in Agricultural Extension
2. M.Sc. in Agricultural Extension and Rural Sociology

Areas of specialization

- (a). Agricultural Extension Education
- (b). Agricultural Extension Administration
- (c). Agricultural Communication and Information Technology

- (d) Rural and Community Development
- (e). Rural Sociology
- (f). Environmental Extension Management

3.) Ph.D in Agricultural Extension and Rural Sociology

Areas of specialization:

- (a). Agricultural Extension Education
- (b). Agricultural Extension Administration
- (c). Agricultural Communication and Information Technology
- (d). Rural and Community Development
- (e). Rural Sociology
- (f). Environmental Extension Management

Note: All entry requirements are the same as the general requirements

- * O'Levels (5 Relevant Credits)
- * CGPA of 3.00/5 or 2.75/4 for Masters, 4.00/5 Or 3.00/4 for Ph.D
- *CGPA of 1.50 and above for PGD.

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.) Degree in the following areas of specialization;

- Animal Breeding
- Animal Nutrition
- Animal Physiology
- Animal Production

Minimum Requirements

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

1. Postgraduate Diploma Programme:

- PGD in Animal Science

Entry requirements:

In addition to the general requirements, candidates must have a first degree with a CGPA of 1.50 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 Sciences
- Marine Sciences
- Biochemistry
- Zoology

2. Master of Science (MSc.) Programme in Animal Science with specialization in:

- Animal Nutrition & Biochemistry
- Animal Breeding & Genetics
- Animal Production
- Animal Physiology.

Entry requirements:

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. 5 relevant O'level credits from not more 2 sittings including English Language and Mathematics.

3. Doctor of Philosophy (Ph.D.) Programme in Animal Science with specialization in:

- Animal Nutrition
- Animal Production
- Animal Physiology
- Animal Breeding

Entry Requirements

Students for Ph.D. programme must have a good Master of Science (M.Sc.) degree in Animal Science discipline (i.e. minimum CGPA of 3.00/4.00 or 4.00/5.00 or 60% average score, from any University recognized by the Senate of University of Calabar.

Department of Crop Science

The Department offers courses leading to the award of Post Graduate Diploma in Crop Science, and programmes leading to the award of M.Sc and Ph.D in Crop Science in the following areas:

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

(e) Ph.D Programme

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

Department of Forestry and Wildlife Resources Management

A. Postgraduate Diploma Programme in:

- (a) Forest Resources Management
- (b) 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 or any institution recognized by the Senate of the University of Calabar in relevant areas with not less than 3rd class 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 in Forestry and Wildlife Resources Management 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) Wildlife Nutrition and Domestication
- (g) Wildlife Range Management
- (h) Wildlife Management
- (i) Wildlife Pathology
- (j) Wildlife Management and Ecotourism

Entry Requirements

- (i) 'O' Level requirement; same as in A(i) above
- (ii) B.Sc/B.Forestry and Wildlife degree of the University of Calabar or any institution recognized by the Senate of the University of Calabar; with CGPA of not less than 3.00/5 or 2.75/4. Candidates with bachelor's degree, with third class honours from recognized institutions plus at least 60% average at the PGD level in a relevant field from a recognized institution.

C. Doctor of Philosophy (Ph.D) programme in Forestry and Wildlife Resources Management with specialization in the following areas:

- (i) Forest Biology and Silviculture
- (ii) Forest Biometrics
- (iii) Forest Economics and Management
- (iv) Wood Science
- (v) Agroforestry
- (vi) Wildlife Management
- (vii) Urban and Environmental Forestry
- (viii) Eco-Tourism Management and Tourism Management
- (ix) Biodiversity Management
- (x) Forest Protection
- (xi) Tourism Management

Entry Requirements

- (i) 'O' Level entry requirements as in A (i) above
- (ii) Candidates 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 4.00/5 or 60% ('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 Programmes.

Department of Soil Science

List of Postgraduate Programmes

- (a) Postgraduate Diploma in Soil Science
- (b) M.Sc and Ph.D Soil Science with specialization in the following areas:
 - i. Pedology
 - ii. Soil Chemistry
 - iii. Soil Fertility and Plant Nutrition
 - iv. Soil Microbiology
 - v. Soil Physics and Soil and Water Management
 - vi. Soil Survey and Land Use Planning

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) At least a third class (CGPA of 1.5/5 and above) in any field of Agriculture or related science courses.
- (ii) Higher National Diploma (Upper credit) in any field of Agriculture or related field of science

c) M.Sc. Programme

- (i) Applicants 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 on a 5 point scale or 2.75 on a 4 point scale is required.
- (ii) Applicants with less than CGPA of 2.75/4 or 3.00/5 but with a Post Graduate Diploma in a Soil Science related discipline with an average score of 60% or 3.00/5 cumulative average will be accepted if they meet all other requirements.

d) Ph.D Programme

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

For enquiries about programmes in the Faculty of Agriculture, Forestry and Wildlife Resources Management, call 08035529894.

FACULTY OF ALLIED MEDICAL SCIENCES

Department of Medical Laboratory Science

The Department of Medical Laboratory Science, University of Calabar, offers admission for the 2016/2017 academic session into the Postgraduate Programme in the following areas:

A. Ph.D Medical Microbiology/Parasitology:

Admission Requirements:

The Programme is open to candidates with M.Sc degree in Microbiology, Parasitology, Medical Laboratory Science, subject to a minimum CGPA of 4.00/5 or 3.00/4. Candidates with 3rd class or Pass in the Bachelor's degree shall not be considered for Ph.D or M.Sc admission.

Areas of Specialization: Candidates shall be exposed to the following areas of specialization and are free to choose from the list below:

- i) Clinical Bacteriology
- ii) Medical Parasitology
- iii) Medical Entomology
- iv) Public Health Microbiology
- v) Medical Mycology

b) Masters Degree (M.Sc) Medical Microbiology/Parasitology:

Admission Requirements:

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 institution recognized by Senate are eligible.

c. Post Graduate Diploma in Medical Microbiology/Parasitology (PGD).

The prospective candidate must be a University graduate with CGPA of 1.50 and above.

- a) MB BCH or equivalent.
- b) B.Sc (Hons) Degree in any Biology/Medical Laboratory Science related course with a minimum CGPA of 1.50/5.

B. Ph.D Chemical Pathology:

Admission Requirement:

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 the recommendation of the Departmental Graduate committee to the Graduate school Board. CGPA of 4.00/5 or 3.00/4 is required for this admission provided the Bachelors degree is a minimum of second class honours.

Areas of Specialization:

- i) Immunology

- ii) Toxicology
- iii) Enzymology (iv) Endocrinology (v) Nutrition

a) M.Sc Chemical Pathology:

The programme is open to candidates with Bachelor's Degree with first or second class honours in Physiology, Biochemistry, Medical Laboratory Science. Candidates with professional qualification in Human Medicine (MBBS, BDS) or Veterinary Medicine (DVM) are eligible. A CGPA of 2.75/4 or 3.00/5 is required.

b) Post Graduate Diploma in Chemical Pathology:

Prospective candidates must be University graduates with the following minimum admission requirements.

- i) Holders of the MB BCH degree or equivalent qualifications.
- ii) Graduates of Biochemistry, Physiology, Microbiology and Haematology with at least Second Class Lower division
- iii) Holders of FIMLT Diploma in Chemical Pathology.
- iv) Holders of the AIMLT Diploma in Chemical Pathology with at least B average performance.

**C) Ph.D Haematology
Ph.D Blood Transfusion Science**

Admission Requirements:

Candidates with a good Master's degree in Haematology and Blood Transfusion Science from the a University of Calabar with a minimum CGPA of 3.00/4 or 4.00/5 scale will be admitted. Persons with qualifications in related disciplines (e.g Immunology) may be accepted into the Ph.D programme. Such persons, however, will be required to take the M.Sc courses and obtain a minimum CGPA of 4.00 on a 5 point scale.

Areas of Specialization:

- i) Haemoglobins (ii) Red Cell Enzymes
- (iii) Haemostasis (iv) Nutritional Anaemias
- (v) Haematology Oncology (vi) Immuno – Haematology.

M.Sc in Haematology

M.Sc in Blood Transfusion Science

Admission Requirements:

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

- i) Holders of BMLS or its equivalent
- ii) Holders of MB BCH or its Equivalent
- iii) Holders of FMLSCN Diploma with dissertation in Haematology
- iv) Holders of PGD in Haematology provided candidate has a minimum of Second Class honours in Bachelor's degree.

a) Post Graduate Diploma in Haematology (PGD)

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 MBBCH degree or its equivalent
- iii) Holders of AIMLSCN Diploma.

D. Histopathology

M.Sc Programme

Admission Requirements:

- i) Prospective candidates are expected to have WASC/GCE with credit level passes in Physics, Mathematics, Chemistry, Biology and English Language at not more than two (2) sittings, in addition to one of the following.
- ii) Holders of BMLS or its equivalent with CGPA of 2.75/4 or 3.00/5
- iii) Holders of MBBCH or its equivalent in Histopathology.
- iv) Holders of FMLSCN diploma by special examination or by dissertation in Histopathology.
- v) Holders of PGD with a CGPA of not less than 2.75/4 or 3.00/5, provided candidate is a holder of a minimum of Second Class honours in the Bachelor's degree.

PGD Programme in Histopathology

Admission Requirements:

- i) Prospective candidates are expected to have WAEC/GCE or Senior Secondary School Certificate with credit level passes in Physics, Chemistry, Mathematics, Biology and English Language at not more than 2 sittings in addition to one of the following:
- ii) Graduates of Medical Laboratory Science and Anatomy with at least a second class lower division are eligible.
- iii) Holders of the MBBCH degree or it equivalent.
- iv) Holders of the AIMLSCN diploma.
- v) Graduates of Medical Laboratory Science with a minimum CGPA of 1.50/5.

Department of Nursing Science

Master of Science (M.Sc.) in Nursing

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 requirements

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 (RN) 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 Bachelors' 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 provided candidate has a minimum of Second Class honours in the Bachelor's degree..

Department of Radiography and Radiological Science

The following programmes are available in the Department of Radiography and Radiological Science:

1. M.Sc Radiography
2. M.Sc Radiological Science

Specialization in the following subject areas are available:

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

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 on the 4-point system and 3.00 on 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.

1. Postgraduate Diploma in Radiography

Admission Requirements

- A B.Sc degree with honours in Radiography with grade point average less than requirement for entry into the Masters 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) in the first instance.
- Candidates with a 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.

For enquiries about programmes in the Faculty of Allied Medical Sciences, call 08037134754

FACULTY OF ARTS

Department of English and Literary Studies

1. Admission Requirements

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|-------|------|---|--|
| a. i) | Ph.D | - | 3.00/4.00, 4.00/5.00 or 60% average CGPA |
| iii) | M.A. | - | 3.00/5.00, 2.75/4 or 50% average CGPA |

Entry Requirement- O'Levels (5relevant credits)

Department of History and International Studies

The Department of History and International Studies hereby advertises the following areas of specialization within the programmes of M.A and Ph.D degrees in History and International Studies for 2016/2017 admission:

- i) Nigerian and African History
- ii) International Study and Diplomacy
- iii) Global African Diaspora Studies
- iv) Strategic Studies
- v) International Boundaries and Borderlands Studies
- vi) Peace and Conflict Studies
- vii) Gender Studies

The Department also offers a Postgraduate Diploma in History and International Studies.

Entry Requirements

1. Candidates seeking admission into the M.A programme must possess a B.A degree in History and International Studies, History Education, History or International Relations and must have a CGPA not lower than 3.00 on a 5-point scale or 2.75 on a 4.0 point scale.
2. Candidates for the Ph.D programme must be holders of the Master's degree in History and International Studies and its variants and must have an overall CGPA of 4.00 on a 5-point grading system or 3.00 on a 4-point grading system and adjudged to have demonstrated good research ability in their M.A dissertations/theses.
3. **Postgraduate Diploma in History and International Studies:** The following categories of candidates are eligible for admission into the Postgraduate Diploma programme; candidates who hold a B.A in History and International Studies, History/Education, Arts, Social and Management Sciences, holders of HND and its equivalent in related fields with an average CGPA of at least 2.40

Department of Linguistics and Communication Studies

1. Courses leading to the award of M.A Linguistics, M.A Communication, PhD Linguistics and Ph.D Communication are available in the following areas of specialization:
 - a. Phonological Theories
 - b. Semantics And Pragmatics
 - c. African Linguistics
 - d. Advanced Syntax
 - e. Comparative/Historical Linguistics
 - f. Applied Linguistics
 - g. Sociolinguistics
 - h. Instrumental Phonetics
 - i. Grammatical Theories
 - j. Language and Communication
 - k. Broadcasting
 - l. Journalism
 - m. Advertising
 - n. Public Relations
 - o. Mass Media Law and Ethics
 - p. Crisis Communication

The entry requirements are as prescribed in the general requirements by the University.

Department of Modern Languages and Translation Studies

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

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

Entry Requirements

- I. Candidates for M.A programmes must possess a good first degree in French Studies or French Education and must have a CGPA of 3.00/5 or 2.75/4 or above.
- II. Candidates for the Ph.D programmes must be holders of the M.A with an overall CGPA of 4.00/5 or 3.00/4 or above. In addition, they should be adjudged to have demonstrated good research ability in their M.A thesis.

Department of Philosophy

Programmes leading to M.A and 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
- VII. African Philosophy
- VIII. Contemporary Philosophy
- IX. Philosophy of Social Science
- X. Philosophy of Law

Entry Requirements

- 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 not less than 3.00 on a 5-point grading system or 2.75 on a 4-point grading system.
- b) Candidates for Ph.D must possess M.A degree with 4.00/5.00 and above.

Department of Religious and Cultural Studies

The Department of Religious and Cultural Studies graduate programmes include:

1. **M.A, Religious Studies with the following areas of specialisation:**
 - a) African Traditional Religion
 - b) Biblical Studies: New Testament
 - c) Comparative Religion
 - d) Ethics
 - e) Sociology of Religion

2. **Ph.D Religious Studies with the same areas of specialization as indicated above for M.A**

The entry requirements are as prescribed in the general requirements by the University.

Department of Theatre and Media Studies

The Department of Theatre & Media Studies offers courses which, together with research and production lead to the award of the Graduate Diploma in Theatre, Media and Communication and M.A in Theatre, Media & Change Communication and Ph. D in all the fields. The Graduate Diploma lasts for 12 calendar months, the M.A for 18-24 calendar months and the Ph. D for a minimum of three years.

The Degrees are offered in the following areas of specialization:

1. Arts Management
2. Directing
3. Media Arts Studies
4. Social & Behaviour Change Communication
5. Theatre Technology & Design
6. Educational Theatre
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 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 M.A Programmes. The Graduate Diploma in Theatre & 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

For enquiries about programmes in the Faculty of Arts, call 07064951126

FACULTY OF BASIC MEDICAL SCIENCES

Department of Human Anatomy

1. Postgraduate Diploma 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 (Hons) degree with a CGPA of between 1.50/5 and 2.99/5 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

Admission into the M.Sc programme is open to candidates with first class honours or second class (Hons) with cumulative grade point average of 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 the cumulative grade point average (CGPA) of 3.00/5.

The following fields of specialisation 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 Program 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 3.00 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 5.00.

Areas of Research (Specialisation) include, Histochemistry, Cellular and Molecular Biology, Radiographic Anatomy, Clinical Anatomy, Neurobiology, teratology, Human Genetics and Cytogenetics, Endocrinology and Reproductive Biology.

Department of Biochemistry

The six (6) programmes currently running are as listed below:

1. PGD – Applied Biochemistry
2. M.Sc – Biochemistry
3. Ph.D – Biochemistry
4. PGD – Nutrition and Food Science
5. M.Sc – Nutrition and Food Science
6. Ph.D – Nutrition and Food Science

The entry requirements are as prescribed in the general requirements by the University.

Department of Pharmacology

The Graduate programmes in the Department of Pharmacology are:

1. Master of Science (MSc.) degree in Pharmacology.
2. Doctor of Philosophy (PhD) degree in Pharmacology

The following areas of specialisation are available:

- i.) Pharmacology and Therapeutics
- ii.) Pharmacology and Toxicology
- iii.) Biochemical Pharmacology
- iv.) Phytopharmacology
- v.) Endocrinology

Admission Requirements

- i.) **Admission to the MSc degree programme in Pharmacology** is open to graduates of the University of Calabar, or other Universities recognized by the SENATE, who hold at least a second class upper Honours Degree in Pharmacology or closely related health science disciplines with five (5) credits in the relevant o'level subjects. A CGPA of 2.75/4 or 3.00/5 is required. Graduates with degrees in Pharmacy, Medicine (MBBCh), or Veterinary Medicine (DVM, BVM) are eligible for admission.
- ii.) **Admission requirements for PhD in Pharmacology;**
 - a) Holders of Master's 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; or holder of Bachelor's Degree in

Medicine, Dentistry, MD (Doctor of Medicine), or VMD (Doctor of Veterinary medicine) with Master's degree in Pharmacology may apply for admission.

- b) Applicants are required to submit a one-page MISSION STATEMENT and to attend personal interview in the Department.

Department of Physiology

Requirements for approved programmes:

a) Postgraduate Diploma in Physiology (PGD)

Entry Requirements for PGD:

In addition to having O'level requirement for admission into the University of Calabar, the candidates for admission into the Postgraduate Diploma in Physiology must have any of the following:

- i) NIST Final certificate or equivalent in Physiology/Pharmacology (at credit level or above).
- ii) B.Sc 2nd Class (Hons) Degree in any related science discipline (e.g. Biology)
- iii) Final Diploma in Health Sciences with credit level pass.
- iv) A minimum of 3rd class with CGPA of 1.50 and above in Physiology.

b) Master of Science (M.Sc) in Physiology

Specific Requirements for M.Sc Degree

Admission into M.Sc programme is open to graduates of the University of Calabar or other universities recognized by the Senate of the University of Calabar who hold at least a second class (Hons) Degree in Physiology or related disciplines with a minimum of 3.00/5 grade point average. It is also open to holders of MBBCh, DVM or BVM. Holders of Postgraduate Diploma in Physiology with a CGPA of at least 3.00/5 may be considered provided the candidate also has a minimum of 2nd Class honours in the Bachelor's degree.

c) Doctor of Philosophy (Ph.D) in Physiology

Specific Requirements 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 4.00/5 grade point average

For enquiries about programmes in the Faculty of Basic Medical Sciences, call 08035987472

FACULTY OF BIOLOGICAL SCIENCES

Department of Botany

The Department of Botany offers programmes leading to the award of M. Sc. and Ph.D degrees in Botany with the following areas of specialisation:

1. Plant Physiology/Plant Biochemistry
2. a) Phytopathology/Mycology
b) Plant Virology
3. Plant Ecology/Environmental Botany
4. Plant Taxonomy/Plant systematics

Entry requirements

Candidates seeking admission into the M. Sc. Degree programme must hold a B. Sc. honours degree with a second class in Botany and CGPA of 3.00 and above on a 5-point scale or a CGPA of 2.75 on a 4-point scale. Candidate 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 5-point scale and thesis score of not lower than 60% (B).

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

Department Genetics and Biotechnology

The Department of Genetics and Biotechnology runs programmes leading to the award of M.Sc and Ph.D degrees in Genetics and Biotechnology with the following areas of specialisation:

1. Plant Biotechnology
2. Plant Genetics and Breeding
3. Animal Genetics and Breeding
4. Animal Genetics and Toxicology
5. Environmental Biotechnology
6. Human Genetics

Entry Requirements

Candidates seeking admission into the M.Sc degree must hold a B.Sc. honours degree in Genetics and Biotechnology or relevant fields with a CGPA of not below 3.00 on the 5 point scale and 2.75 on the 4 point scale.

Candidates seeking admission into the Ph.D programme must hold an M.Sc. with a CGPA of 3.00 on the 4 point scale and 4.00 on the 5 point scale.

Department of Microbiology

The Department offers M.Sc and Ph.D degrees in Microbiology with the following areas of specialization:

1. Environmental Microbiology
2. Food/Industrial Microbiology
3. Environmental Microbiology/Biotechnology
4. Pathogenic/Public Health Microbiology

There is also a Post Graduate Diploma (PGD) in Microbiology

The entry requirements are as prescribed in the general requirements by the University.

Entry requirements are as prescribed in the general requirements by the University.

Department of Zoology and Environmental Biology

The programmes run by this Department at the graduate level are as follows:

1. M.Sc and Ph.D degrees. The areas of specialisation are:

- 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

Students shall be exposed to the various areas of Zoology and Environmental Biology for the award of the Postgraduate Diploma in Zoology and Environmental Biology. The areas of coverage are listed here.

- 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:

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 areas including Environmental Education and Medical Microbiology/Parasitology with CGPA not lower than 3.00 are also eligible to apply provided the candidate has a minimum of Second Class honours in the Bachelor's degree.

Ph.D Degree:

Candidates who have the entry qualifications of the MSc degree in the areas listed above. In addition, holders of MSc (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. For Ph.D admission, the M.Sc CGPA must be a minimum of 3.00/4 or 4.00/5

and candidate must possess a minimum of Second Class honours in the Bachelor's degree.

PGD:

In addition to having the O'level requirement for admission into the University of Calabar, candidates for PGD admission must have any of the under listed qualifications:

- i. NIST Final certificate or equivalent (at credit or above)
- ii. B.Sc honors in any related science discipline with a minimum CGPA of 1.50.

For enquiries about programmes in the Faculty of Biological Sciences, call 08034037415

FACULTY OF EDUCATION

Department of Arts Education

1. General Information:

M.Ed and Ph.D programmes in Language Arts are offered on both fulltime and part-time bases in the department. They are research based and therefore have the course work and thesis/dissertation components.

2. 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.

b) Ph.D in Language Arts

The admission requirements as in (a) above plus a Masters degree in Education. Inclination towards English Language or French gives added advantage. Candidates should note that the CGPA of 3.00 and above for a 5 point scale or 2.75 and above for a 4 point scale is acceptable for the Masters programme while for Ph.D, a CGPA of 3.00 and above for a 4 point scale or 4.00 and above for a 5point scale is required.

Department of Continuing Education and Development Studies

The Department will admit candidates for M.Ed and Ph.D degrees in Continuing Education and Development Studies with specialization in the following areas:

- 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 a minimum of 2nd Class honours in the first degree in Continuing Education or related fields from the University of Calabar or other recognized universities.
- (ii) The related fields are 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 can also apply provided the degree is a minimum of 2nd Class honours.
- (iv) Candidates for Master degree programme must have a minimum 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.
- (iii) Candidates for the Ph.D programme must in addition, have a minimum CGPA of 4.00/5 or 3.00/4.

Department of Curriculum and Teaching

The postgraduate programmes in the Department of Curriculum and Teaching include:

- 1) M.Ed and Ph.D in Elementary Education
- 2) M.Ed and Ph.D in Teacher Education
- 3) M.Ed and Ph.D in Curriculum and Instruction

Entry requirements are as prescribed in the general requirements by the University.

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 with areas of specialization in: Administration and Supervision; Administration in Higher Education; as well as Economics and Politics of Education.

Entry Requirements:

Five (5) O level credits including English Language and Mathematics; or five TC II with merit passes including English Language and Mathematics with B.Ed, B.A or B.Sc in Education. The CGPA of 3.00/5 or 2.75/4 for Masters and 4.00/5 or 3.00/4 for Ph.D.

Department of Educational Foundations

The Department offers M.Ed and Ph.D degrees in Educational Foundations with the following areas of specialization as listed below:

- i. Developmental Psychology
- ii. Psychology of Learning
- iii. Social and Personality Development
- iv. Research and Statistics
- v. Measurement and Evaluation
- vi. Sociology of Education
- vii. Philosophy of Education

All are at both Masters and Ph.D levels.

The general requirements for admission are applicable.

Department of Environmental Education

Master's Degree in Environmental Education (M.Ed)

The Department offers a Master's degree programme in Environmental Education with specialization in Environmental Education and Management.

1. Admission Requirements

The following may apply for admission into the Master's Degree programme in Environmental Education:

- a) Graduates from the University of Calabar or other NUC accredited universities meeting the University of Calabar Graduate School admission requirements for graduate programmes.
 - b) Candidates with HND or its equivalent plus a Postgraduate Diploma in Environmental Education from the University of Calabar or any other recognized university, obtained at credit level (CGPA 3.00 or above).
2. Credits in Ordinary Level (O'Level) Mathematics and English Language or equivalents are mandatory while credit in Geography is an added advantage.
 3. To be admitted into the programme, a candidate must:
 - a) Meet the cut-off marks in both written and oral interview conducted by the University of Calabar Graduate School.
 - b) Submit transcripts from the institution last attended; and
 - c) Submit acceptable reference letters from two persons, one of which must be his/her former lecturer.

Department of Guidance and Counselling

The Department offers the following programmes:

- 1) **Master of Education programme in Guidance and Counselling**
- 2) **Ph.D programmes in Guidance and Counselling**

The Department of Guidance and Counselling offers the following specialties in Guidance and Counselling:

- i) Career Counselling
- ii) Pastoral Counselling
- iii) Family Counselling
- iv) Development Guidance

Entry Requirements

The candidates must obtain at least five (5) O'Level credits including English Language or Teachers' Grade II Certificate at merit level or better, including at least credit pass in English Language.

A CGPA of 3.00/5 or 2.75/4 for Masters, 4.00/5 or 3.00/4 for Ph.D.

Department of Library and Information Science

1. Postgraduate Diploma in Library and Information Science Programme

No area of specialization.

2. Master's Degree Programme in Library and Information Science

The following are the expected areas in which candidates could specialize:

- i. Library Science
- ii. Archives and Records Management
- iii. Information Science
- iv. Publishing and book trade
- v. Digital Librarianship

3. Doctor of Philosophy (Ph.D) Degree Programme in Library and Information Science with the same areas of specialization as indicated above for Master's degree.

Department of Science Education

The Department offers M.Ed and Ph.D degrees in Science Education with the following areas of specialization: Mathematics Education, Physics Education, Chemistry Education and Biology Education.

The entry requirements are the same as the general entry requirements

Department of Social Science Education

The Department offers M.Ed and Ph.D degrees in Social Science Education.

Admission Requirements

On application, the following class of candidates are eligible for admission:

- i) Holders of Bachelor of Social Science Education (B.Sc.Ed) or its equivalents in either Political Science, Economics, Geography or Social Studies from any University recognized by the University of Calabar

Senate with a CGPA not below 2.75 on a 4-point scale or 3.00 on a 5-point-scale for M.Ed admission.

- ii) Holders of Bachelor of Science (B.Sc.) Degree in any related area such as Political Science, Economics, Geography and Social Science studies inter alia with a CGPA of not less than 2.75 on a 4 point-scale or 3.00 on a 5 point scale. They, in addition must obtain a minimum teaching qualification of Post graduate Diploma in Education (PGDE) from an accredited tertiary institution or University of Calabar.
- iii) Holders of Higher National Diploma (HND) Certificate with at least an upper credit level pass from accredited educational institution in any field of Political Science, Economics, Geography and Social Studies as well as other related disciplines. Such candidates may be considered for admission into the Postgraduate Diploma (PGD) programme.

Mode of Study

The mode of study will be through course work and thesis.

Duration

The programme can be completed within a minimum of 18 calendar months or maximum of 2 years.

Ph.D in Social Studies Education requires a minimum CGPA of 3.00/4.00 or 4.00/5.00 from M.Ed degree in the relevant areas to be eligible for admission. Ph.D lasts for a minimum of 3 years and a maximum of 5 years.

Department Special Education

The Department offers graduate programmes leading to the award of Postgraduate Diploma (PGD) 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. The CGPA is 3.00/5 or 2.75/4 for M.Ed and 1.50/5 for PGD.

Department of Vocational Education

Programme: M. Sc Business Education

The department will offer M. Sc(Ed) programme in the 2016/2017 academic session with specialization in the following areas:

M. Sc (Ed) Business Education with options in:

- a) Accounting Education
- b) Management Education
- c) Marketing Education
- d) Office Education

Admission Requirements:

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

- a) Holders of Bachelor of Science (B.Sc(Ed) in Business Education of the University of Calabar or other accredited institutions recognized by the Senate of the University of Calabar.
- b) Holders of Bachelor of Science (B. Sc) degree in related disciplines like Accounting, Business Management, Marketing, Economics who in addition, obtained a minimum teaching qualification of Post Graduate Diploma in Education (PGDE), or Post Graduate Diploma Technical Education (PGDTE) from accredited tertiary institutions.

General Requirements:

- a) Candidates must have credit pass in Mathematics, English and any other three relevant subjects.
- b) CGPA of 3.00/5 or 2.75/4.

For enquiries about programmes in the Faculty of Education, call 08039303308.

FACULTY OF LAW

Find hereunder the criteria for admission into Postgraduate programme in Law.

Post graduate Diploma in Law and Diplomacy

- (a) Third Class/Pass in Law
- (b) CGPA of 2.50/4 & 2.40/5 in Humanities, Arts, Social Science 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 or 4.00/5 for Ph.D provided the candidate has a minimum of 2nd Class honours in the Bachelor's degree.
- (d) Graduates from Arts, 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

For enquiries about programmes in the Faculty of Law, call 08090970927

FACULTY OF MANAGEMENT SCIENCES

Department of Accounting

M.Sc Admission Requirement

1. A Bachelor's degree in Accounting of the University of Calabar or its equivalent from other universities recognized by the University of Calabar Senate, passed with a minimum of Second Class Honours Degree (Upper Division).
2. Candidates who hold a Second Class Lower Division Degree in Accounting must have a minimum CGPA of 3.00 on a five point grading system or 2.75 on a four point grading system.
3. Candidates are equally expected to present and defend a concept note to the department and obtain an appreciable level of pass in the written and oral screening tests.
4. HND and professional certificates are NOT accepted for admission into the M.Sc Accounting programme.

Note that the above admission requirements are additional to the basic entry requirements for B.Sc. Accounting of the Department.

Ph.D Admission Requirement

The Ph.D programme is structured around three major segments viz:

1. Course work for doctorate which comprises a minimum of 36 credit hours (excluding thesis credits), made up as follows – 6 credit hours of courses at 500 level in major area, three of which must emphasis theory of the discipline; a doctoral seminar in the area of specialization (3 credits), Economics (6 credits), Advanced Statistical Methods (3 credits), Behavioural Sciences (3 credits)

doctoral seminar (3 credits). Course requirements will be worked out with each candidate by the supervisor in conjunction with the Chairman, Departmental Graduate Committee. This is aimed at eliminating differences in previous academic preparation.

2. Admission into candidacy is contingent upon maintenance of at least B in each course, successful completion of a written comprehensive examination comprising 3 papers, of three hours each viz: Paper I – Theory, Paper II – Research and Statistical Methods; Paper III – Area of Specialization; and submission of a formal research proposal and successful defence of it.
3. Research and thesis have the aim of providing the candidate with a research experience that meets the general standards of the discipline. Upon submission of, and passing an oral examination, based on a formal research proposal having a focus on a clearly defined research topic, the candidate can advance into candidacy and continue with the writing of the thesis under the supervision of a major advisor who must be assisted by two other supervisors.

NB: CGPA of 3.00/5 or 2.80/4 for Masters, 4.00/5 or 3.00/4 for Ph.D

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) Candidate must have a minimum of three years managerial/administrative experience
 - c) Reference letter from Head of Department or Lecturer or sponsorship from employers.
 - d) Candidate must have five credit passes at one or two sittings including English, Mathematics and Economics or Commerce at the Ordinary Level, as basic requirement.
 - e) Candidate 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 degree from an approved University must obtain a minimum of Second Class Lower Division with a minimum CGPA of 3.00 on a 5-point scale or 2.75 on a 4-point scale.
 - b) Holders of HND with a minimum of Lower Credit and/or professional qualification in administration disciplines with relevant Postgraduate Diploma from a recognized University with a minimum CGPA of 3.00 on a 5-point scale or 2.75 on a 4-point scale.

- c) Candidates must have five credit passes at one or two sittings including English, Mathematics and Economics or Commerce at the Ordinary Level as basic requirement.
- d) Candidate must have a minimum of one year managerial/administrative experience
- e) Letter of recommendation or sponsorship from employer.
- f) Candidate must have attained a satisfactory level of performance in the University's aptitude test or screening exercise.

3) **Entry/Admission Requirements 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-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 in his/her B.Sc research project
- c) Candidates must have five credit passes at one or two sittings including English, Mathematics and Economics or Commerce at the Ordinary Level as basic requirement.
- d) Candidates with MBA degree may be considered for admission provided such candidates fulfill the departmental requirements as stated above. Candidates with HND, PGDM, MBA or first degree in non-Management Science discipline will not be accepted for admission into the M.Sc programme.
- e) 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 Business Management or closely related management sciences discipline with a minimum CGPA of 4.00 on a 5-point scale or 3.00 on a 4-point scale from a University recognized by the Senate of the University of Calabar.
- b) At least a "B" grade in Masters research Thesis.
- c) Candidates with third class in the first degree are not eligible for admission. Also candidates with HND or 1st degree in non-Management Sciences discipline even if supported with PGDM or MBA are not eligible for admission.
- d) Candidates must have five credit passes at one or two sittings including English, Mathematics and Economics or Commerce at the 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

The Department of Marketing offers the following Post Graduate programmes

1. M.Sc in Marketing

2. Ph.D in Marketing
3. M.Sc/Ph.D in Marketing

1. **M.Sc. Marketing Programme**

The Department of Marketing offers M.Sc programme in Marketing with specialization in the following areas

- Tourism and Hospitality Marketing
- Strategic Marketing
- Logistics & Supply Chain Management
- Marketing Communication
- Service Marketing
- International Marketing
- Development Marketing

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 in B.Sc research project.
- (c) Holders of PGD in Marketing with minimum CGPA of 3.00/5 or 2.75/4 from a recognized University provided the candidates obtained a minimum of 2nd Class honours in the Bachelor's degree.
- (d) Candidates must have 5 credit passes at one or two sittings including English, Mathematics and Economics at the Ordinary Level, as basic requirement.
- (e) Candidates with Bachelor Degree in Tourism and Hospitality domiciled in a business faculty with the required CGPA may be considered for Tourism Marketing component.
- (f) Candidates must have attained a satisfactory level of performance in the University's aptitude test or screening exercise and oral interview where applicable.

2. **Ph. D Marketing Programme**

The Department of Marketing offers Ph.D programme in Marketing with the same areas of specialization as indicated above for M.Sc Marketing.

Entry /Admission Requirements for Ph.D in Marketing

The requirements for admission into the Ph.D Programme in Marketing are as follows:

- (a) Candidate must possess M.Sc Degree in Marketing with CGPA not lower than 4.00 on a 5.00 point scale or 3.00 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 in 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.

- (e) Candidates with Master Degree in Tourism and Hospitality domiciled in a business faculty with the required CGPA may be considered for the Tourism Marketing component.
- (f) Candidates must have attained a satisfactory level of performance in the University's aptitude test or screening exercise and oral interview where applicable.

3. M.Sc/Ph.D Marketing

1. Admission Requirement for M.Sc/Ph.D Degree

- a) Candidates who have a cumulative grade point average (CGPA) of below 60% (B grade) but not below 55% (that is 3.50 on a 5 – point grading system or 2.75 on a 4-point grading system) in the Master's Degree.
- b) Master's Degree with thesis in marketing and management related disciplines such as Tourism and Hospitality Management, Financial Management, Economics, Purchasing and Supply Management, Insurance and Actuarial Science and Accounting with the required CGPA as in 5(a) may be considered for admission into the programme.
- c) Only candidates who score below 60% and above 55% in the Master's thesis oral defence will be eligible for admission.
- d) Third Class and pass grade in the First degree is not acceptable for admission.
- e) Candidate must have 5 credit passes at one or two sitting including English, Mathematics, and Economic at the ordinary level as basis requirement.
- f) The candidate must have at least two years post qualification experience and must also provide 2 references and a research proposal.

For enquiries about programmes in the Faculty of Management Sciences, call 08052214962

FACULTY OF MEDICINE AND DENTISTRY

Department of Community Medicine

M.Sc. Epidemiology and Disease Control Programme

The above-named programme is purely part-time and is open to candidates in the following professions only:

1. Medical Doctors
2. Nurses
3. Pharmacists

Requirements:

Basic qualifications (e.g. MBCh for Doctors, B.Sc.for Nurses, and B.Pharm for Pharmacists, with CGPA of 3.00/5 or 2.75/4.

For enquiries about this programme, call 08032586250

FACULTY OF PHYSICAL SCIENCES

Department of Computer Science

The Department of Computer Science offers the following Postgraduate programmes:

1. PGD Computer Science
2. M.Sc Computer Science
3. Ph.D Computer Science

Entry Requirements

General

Candidates should have a background in Computer science or related disciplines.

PGD

Same as the general requirements

M. Sc

- Applicants must hold a B.Sc honours degree in any of the physical sciences (Maths, Physics, Computer Science, and Statistics) or B.Tech honours degree in Engineering.
- Applicants must have CGPA of 3.00 and above on a 5-point scale or 2.75 and above on a 4-point scale.

Ph.D

- Applicants must hold an M.Sc. degree with CGPA of 3.00 and above on a 4-point scale or 4.00 and above on a 5-point scale, and thesis score of not lower than 60% (B).
- Candidates must also demonstrate adequate intellectual capacity, maturity and problem solving potentials.

Major areas and Fields of Specialization are:

- Software Engineering
- Databases / Distributed Databases
- Algorithms and data structures
- Health Informatics
- Human Computer Interaction
- Artificial Intelligence
- Expert Systems
- Big Data
- Internet Computing
- Security
- Optimization

Department of Geology

a) Postgraduate Diploma in Applied Geology

Students shall be exposed to the various areas of Geology for the award of the Postgraduate Diploma in Applied Geology. The areas of coverage are listed below:

- (i) Applied Micropalaeontology
- (ii) Basin Analysis
- (iii) Environmental Geology & Pollution Studies
- (iv) Groundwater Resources Engineering
- (v) Mineral Exploration

Entry Requirements

Applicants should have any of the following qualifications:

- (i) B.Sc. (Hons) degree of Geology, Marine Geology, Chemistry, Biology or Physics
- (ii) B. Eng./B.Tech in Civil Engineering or Petroleum Engineering.

Duration of programme

Every full-time candidate for the PGD programme shall pursue his/her studies for not more than twelve (12) calendar months.

b) M.Sc. and Ph.D Programmes in Geology

The major areas and fields of specialization include:

- (1) **Mineralogy/Petrology**
 Igneous Petrology
 Metamorphic Petrology
 Mineralogy
 Special Combinations (Petrology with Structural Geology; Petrology with Mineralogy; Petrology with Geochemistry)
- (2) **Structural Geology and Tectonics**
 Structural Geology with Tectonics
 Structural Geology with Mineral Exploration
 Structural Geology with Petrology
- (3) **Rock Resources**
 Economic Geology
 Applied Geochemistry
 Mineral Exploration (Geochemistry or Geophysics option)
 Mining Geology , Marine Mineral Resources
- (4) **Petroleum Geosciences**
 Petroleum Geology
 Petroleum Geochemistry
 Petroleum Geophysics
 Sedimentology
 Stratigraphy
 Marine Sedimentation

Palaeontology
 Micropalaeontology
 Palynology

- (5) **Environmental Geosciences**
 Geotechnical Engineering
 Hydrogeology
 Environmental Hydrogeology
 Environmental Geochemistry

Entry Requirements

a) M.Sc Degree

Applicants should have B.Sc. (Hons) degree in Geology or Marine Geology with a Cumulative Grade Point Average (CGPA) of 2.75 over 4.00 or 3.00 over 5.0. Holders of Postgraduate Diploma in Applied Geology of the University of Calabar with a CGPA of not less than 2.75 over 4 or 3.00 over 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 CGPA of 4.00 over 5.00. In addition, each candidate should have secured the consent of potential relevant supervisors.

Department of Mathematics

The following programmes are available in the Department.

1. Postgraduate Diploma in Mathematics

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

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 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.

M.Sc/Ph.D in Applied Mathematics

This is designed for candidates who have not met the 4.00/5 CGPA requirement for the Ph.D programme but are lecturers in institutions of higher learning.

Admission Requirements

Candidates for admission into the M.Sc/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 3.50/5 or 2.80/4.

3. Ph.D 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 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.

Department of Physics

The Department offers courses leading to the award of Master's and Ph.D degrees in the following areas of specialization:

- 1) Atmospheric Physics/Meteorology
- 2) Engineering Physics
- 3) Geophysics
- 4) Medical Physics
- 5) Nuclear & Solid State Physics
- 6) Radiation Physics

The Department also offers a Postgraduate Diploma in Physics.

Entry Requirements

Entry requirements are as prescribed by the Graduate School's general requirements for admission.

National Water Resources Capacity Building Network Centre

Preamble: The National Water Resources Capacity Building Network (NWRCBNet) South-South Zone was created to respond to the capacity building demands and needs in Integrated Water Resources Management (IWRM) at the Postgraduate level.

The University of Calabar is one of the partnering institutions of the National Water Resources Institute (NWRI), Kaduna representing the South-South Zone. The University offers the following programmes:

1. Master's Programme

Professional Masters Degree programme in Integrated Water Resources Management (M.IWRM).

Admission Requirements

Candidates must be holders of first degrees in related disciplines from recognized institutions (B.Sc., B.Eng., B. Tech.) with a minimum CGPA of 3.00 on a 5.00 point scale. In addition, candidates with PGD in related disciplines with a minimum CGPA of 3.00 on a 5.00 point scale shall also considered.

Programme Duration

The programme shall be for a period of 4 semesters (24 calendar months) or 2 academic sessions.

2. Postgraduate Diploma Programmes

- i) Postgraduate Diploma in Hydrogeology and Drilling Technology
- ii) Postgraduate Diploma in Irrigation and Drainage Technology
- iii) Postgraduate Diploma in Water Sanitation, Hygiene and Quality Management
- iv) Postgraduate Diploma in Water and River Basin Management

Admission Requirements

Candidates for the Postgraduate Diploma programmes must be holders of relevant first degrees (B.Sc/B.Agric/B.Tech/B.Eng or HND) with minimum CGPA of 1.50 on a 5 point scale; or Merit for holders of HND. Those with pass level but with at least 10 years experience in the water related sector may be considered.

Programme Duration

The duration of the Diploma programmes shall be for a period of two semesters (a session) for all students. The credit load shall be 25 credit hours; 21 credit hours for course work, 3 credit hours for project and 1 credit hour for seminar.

Department of Statistics

The Department runs the under listed academic programmes

- (1) Ph.D (Statistics)
- (2) M.Sc/Ph.D (Statistics)
- (3) M.Sc (Statistics)
- (4) PGD (Statistics)

Ph.D Candidates may wish to specialize in any of the following areas: Design and Analysis of Experiment, Time Series Analysis, Optimization Theory, Operations Research, Sample Survey Stochastic Processes and Mathematical Statistics. The Department does not have areas of specialisation for Master's students.

Entry requirements for Department of Statistics is the same as the general Graduate School requirement.

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 Postgraduate Diploma in Chemistry.

Specific Admission Requirements

- i) **Master's Degree:** Admission into the Master's degree 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 honours 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 upon examination of transcripts. PGD in Chemistry or related discipline with CGPA of 3.5/5 may also be considered provided the candidate has a minimum of Second Class honours in Bachelor's degree.
- ii) **Doctoral Degree Programme:** Admission into the Doctoral degree programmes is open to graduates of the University of Calabar or graduates of other universities recognized by Senate, who have a first or second class honours 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.

**For enquiries about programmes in the Faculty of Physical Sciences, call
08035510115**

FACULTY OF SOCIAL SCIENCES

Department of Economics

Graduate programmes in the Department of Economics:

1. Postgraduate Diploma Applied Economics (PGD)

Admission Requirements

- a. Holders of first degree with a minimum of a Third Class degree in Economics, or any related field from the University of Calabar, or any other recognized universities are acceptable for admission into the PGD programme.
- b. Holders of Higher National Diploma (HND) or its equivalent from recognized institutions with at least an Upper Credit are also eligible for admission.

2. M.Sc. Programme

Admission Requirements

- a. Without prejudice to the requirements stipulated in the General University Regulations, admission to the M.Sc programme is open to graduates of Economics with a CGPA of 3.00/5 or 2.75/4.
- b. Holders of PGD in Applied Economics with a CGPA of 3.50 (credit pass) are also eligible for admission.

Areas of Specialization for the M.Sc. Programme

- A. Economic Theory
- B. Economic Development & Planning
- C. Monetary Economics
- D. Public Sector Economics
- E. International Economics
- F. Industrial Economics
- G. Econometrics
- H. Managerial Economics
- I. Mathematical Economics

3. Ph.D Programme

Admission Requirements

In addition to the requirements spelt out in the general University regulations governing admission to the Ph.D programme, (holders of M.Sc in Economics with CGPA of 4.00/5 or 3.00/4), candidates are expected to be highly proficient in Economic Theory and Quantitative Techniques.

Areas of Specialisation for the Ph.D Programme

- A. Economic Theory
- B. Economic Development & Planning
- C. Monetary Economics
- D. Public Sector Economics
- E. International Economics

- F. Industrial Economics
- G. Econometrics
- H. Managerial Economics
- I. Mathematical Economics

For admission into any postgraduate programme in Economics, candidates are required to have a minimum of credit pass in O'level Economics, English Language and Mathematics.

Department Geography and Environmental Science

Admission requirements for the Ph.D, M.Sc. and PGD post graduate programmes in the Department of Geography and Environmental Science as follows:

- a. Ph.D, Doctor of Philosophy in Geography and Environmental Science
- b. M.Sc., Masters in Geography and Environmental Science
- c. PGD in Geography and Environmental Science

Entry Requirements:

- a. Ph.D: Minimum CGPA = 4.00/5 or 3.00/4
- b. Master's Degree: Minimum CGPA = 3.00/5 or 2.75/4.
- c. PGD: Bachelors with 3rd Class of 1.50 and above; HND with Lower Credit is accepted.

Specific Requirement

(a) Ph.D Degree

Admission to the Ph.D programme in Geography and Environmental Planning and Management 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 Planning and Management or a related subject from the University of Calabar or any other recognized University. A CGPA of 3.00/4 or 4.00/5 is required.

(b) M.Sc Degree

Admission to the programme is open to candidates with B.Sc. or B.A degree in Geography and Environmental Science (Second Class Lower may be considered) 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. Other fields outside the foregoing are expected to undergo a Post-graduate Diploma (PDG) in Geography and Environmental Science before

proceeding to the M.Sc programme. A CGPA of 2.75/4 or 3.00/5 is required.

Candidates will specialize in any of the following areas:

- (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

Department of Political Science

Below are the academic programmes offered by the Department of Political Science University of Calabar:

- 1) M.Sc International Relations
- 2) M.Sc Strategic Studies
- 3) M.Sc International Relations and Strategic Studies
- 4) M.Sc Political Economy
- 5) M.Sc Political Economy and Development Studies
- 6) M.Sc Comparative Politics
- 7) M.Sc Peace Studies and Conflict Resolution
- 8) Ph.D International Relations
- 9) Ph.D Strategic Studies
- 10) Ph.D International Relations and Strategic Studies
- 11) Ph.D Political Economy
- 12) Ph.D Political Economy and Development Studies

Programme Requirements

- i. Admission to the postgraduate degree programmes of the Department of Political Science is open to graduates in any of the social Sciences discipline or in Law, History or Philosophy. In accordance with the general regulations governing postgraduate studies at the University of Calabar, the courses of study and research for each degree may be taken on full-time or part-time basis. Candidates who have obtained at least a Second Class Honours degree of the University of Calabar or its equivalent from others Universities are eligible for admission.
- ii. In addition to the above requirements, candidates must satisfy the following general requirements:
 - a) Five O'levels credits, including English Language and at least a pass in Mathematics

- b) Minimum CGPA of 3.00 (5-point grading system) or 2.75 (4-point grading system) for Masters, 4.00 (5-point grading system) or 3.00 (4-point grading system) for Ph.D and 3.50 (5-point grading system) or 2.80 (4-point grading system) for M.Sc/Ph.D.
- c) All Master's and Doctoral candidates are required to take the two compulsory "core courses" namely Advanced Analytical Research Methods, Quantitative Analysis and Advanced Research Methods.

Department of Public Administration

The following are the programmes run in the Department of Public Administration:

- 1) MPA, Master in Public Administration (CES)
- 2) M.Sc, Master in Public Administration (NUC)
- 3) M.Sc, Policy and Administrative Studies
- 4) M.Sc/Ph.D
- 5) Ph.D, Doctor of Philosophy in Public Administration (NUC)

Entry Requirements

1) MPA (CES)

- i) Students admitted to the programme will be holders of a good first degree from recognized universities.
- ii) Holders of degrees in discipline other than Public Administration would be required to take and pass three (3) 300 and 400 level courses in the Department of Public Administration. These courses will not count for credit toward MPA degree.
- iii) To qualify for the award of MPA degree, a candidate must successfully complete 30 credit hours of the 500 level courses.

2) 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 3.00 on 5-point scale and 2.75 on 4-point scale.

Candidates will specialize in any of the following areas:

- i) Public Policy
- ii) Development Administration
- iii) Human Resources
- iv) Local Government
- v) Public Finance

3) 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 3.00 on 5-point scale and 2.75 on 4-point scale.

4) **M.Sc/Ph.D Public Administration Degree**

Candidates whose CGPA is between 2.80 and 2.99 for 4-point grading system and between 3.50 and 3.99 for 5-point grading system or up to 55% but less than 60% may apply for the M.Sc/Ph.D.

5) **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.

Candidates will specialize in any of the following areas:

- i) Public Policy
- ii) Development Administration
- iii) Human Resources
- iv) Local Government
- v) Public Finance

Department of Sociology

Our Programmes are:

(1) **M.Sc and Ph.D in Sociology with Specialization in:**

- a. Development Sociology
- b. Industrial Sociology
- c. Demography
- d. Medical Sociology
- e. Criminology
- f. Social Anthropology
- g. Political Sociology
- h. Urban Sociology
- i. Rural Sociology
- j. Sociological Thought
- k. Comparative Sociology

Entry Requirement

M.Sc same as general requirements, except candidates must obtain O'Level in three social sciences subjects and not less than a pass in Mathematics. **Bachelor's Degree** should be in Sociology or closely related discipline.

Ph.D General requirements and additional requirement for M.Sc above.

1. **Post graduate Diploma in Social Policy and Administration**

Entry Requirements: for holders of Bachelor Degree and Higher National Diploma from other fields who desire to pursue a higher degree in Sociology. It is an access route and in line with general entry requirements.

For enquiries about programmes in the Faculty of Social Sciences, call 08036687667.

Institute of Oceanography

The following Postgraduate Diploma programmes are available for admission in the Institute of Oceanography:

- 1) Coastal Zone Management
- 2) Fisheries and Aquaculture
- 3) Marine Ecology, Pollution and Toxicology

Entry Requirements

The entry requirements for all the programmes are as stipulated by the Graduate School viz: 5 credits at O'Levels and minimum CGPA of 1.50 at the Bachelor's degree level.

For enquiries about programmes in the Institute of Oceanography, call 08056142600.

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 1.50/5.00
2. Higher National Diploma (HND) not below lower credit from an Institute recognized by the Senate of the University of Calabar.

B. Postgraduate Diploma in Environmental Education (PGDEE)

Entry Requirements:

1. At least a first degree in any discipline with a CGPA not below 1.50/5.00.
2. Higher National Diploma (HND) or its equivalence not below lower credit from an institution recognized by the University of Calabar Senate.

C. Post Doctoral Diploma (PGD) in Education

Rationale: This course is intended to enthrone a proper culture of teaching and learning in the University. It is to bring out the best out of the teaching faculty in terms of mindset, attitude and skills, and in maximizing classroom achievements for the overall benefit of the University and the outside world.

Entry Requirements:

- i. A Ph.D in any of the fields of academic endeavour of the University of Calabar whose holder has no basic Qualification in Education.
- ii. A professor of the University of Calabar or an academic staff not below the rank of a senior lecturer or its equivalent.

For enquiries about programmes in the Institute of Education, call 08037254061.

Institute of Public Policy and Administration

The Institute of Public Policy and Administration runs the following postgraduate programmes:

- 1) MPAS (Masters in Policy and Administrative Studies)
- 2) M.Sc (Domiciled in the Department of Public Administration); and
- 3) PGDPA (Postgraduate Diploma in Public Administration)

For enquiries about programmes in the Institute of Public Policy and Administration, call 0803094800