

**KWAME NKRUMAH UNIVERSITY OF SCIENCE AND
TECHNOLOGY, KUMASI
SCHOOL OF GRADUATE STUDIES**

**ADMISSION OF CANDIDATES TO RESEARCH OR
HIGHER DEGREE PROGRAMMES FOR 2017/2018
ACADEMIC YEAR**

Applications are invited from suitably qualified candidates for admission to research and higher degree programmes (MSc/MFA/MA/MCOMM/MBA/EMBA/MPH/MPHARM/LLM/MPHIL/PhD)

GENERAL ADMISSION REQUIREMENTS

i. Masters Programmes

At the time of application, applicants should possess a Bachelor's Degree or its equivalent from a recognized Institution in the relevant field of study. **Preference will be given to applicants with a FIRST CLASS OR SECOND CLASS**

ii. PhD Programmes

Candidates applying for Doctor of Philosophy degree must have aN MPhil degree or its equivalent from a recognized Institution and shall submit evidence of adequate training and ability to undertake the proposed programme.

DURATION OF PROGRAMME

Unless otherwise stated,

- a. Masters Programmes (Full-Time) are of Two (2) Calendar Years and (Part-Time) Three (3) Calendar Years duration.
- b. PhD Programmes (Full-Time) are of Four (4) Calendar Years and (Part-Time) are of Five (5) Calendar Years duration.

MODE OF APPLICATION

Sale of E-Vouchers/Forms for admission shall commence on **1st February, 2017.**

- i. First of all, candidates must purchase an eVoucher by paying an application fee of **Two Hundred and Twenty Ghana Cedis (GH¢220.00)** at the following banks: **GCB, Ecobank or uniBank.**
- ii. Upon payment of the application fee, candidates will receive an **eVoucher** containing an application number and **PIN** that will grant access to the online admissions portal.
- iii. Candidates should then proceed to online admissions website: **<https://admissions.knust.edu.gh/pgadmissionsnew/>** and begin the application process.
- iv. Once the process has been completed, candidates must **print out 3 copies** of the completed application form from the portal and submit them (**by post**) to the School of Graduate Studies along with all relevant documents (Photocopies of Certificates, Recommendation Letters, and [Transcript for those attending KNUST for the first time]) to the following address:

**The Secretary
School of Graduate Studies
KNUST
Kumasi-Ghana**

**Deadline for the submission of application forms is 25th
April, 2017.**

Application forms submitted after the deadline will not be processed.

Only candidates who successfully gain admission will be notified subsequently.

NB: All International Applicants must apply online. International applicants who are admitted will be required to pay an application fee of USD 200.00 before registration.

**A. COLLEGE OF AGRICULTURE AND
NATURAL RESOURCES**

FACULTY OF AGRICULTURE

1. Department of Animal Science

MPhil Programmes

Animal Breeding and Genetics; Reproductive Physiology; Animal Nutrition; and Meat Science.

PhD Programmes

Animal Breeding and Genetics; Reproductive Physiology; Animal Nutrition; and Meat Science.

Master of Philosophy (MPhil)

Admission Requirements

A good Bachelor's degree (First or Second Class [Upper Division]) in Agriculture or related disciplines from KNUST or any recognized University. Candidates with Second Class Lower Division are required to pass an interview.

Doctor of Philosophy (PhD)

Admission Requirements

Candidates applying for Doctor of Philosophy degree must have an MPhil degree or its equivalent in Agriculture or related disciplines from KNUST or any recognised University and

shall submit evidence of adequate training and ability to undertake the proposed programme.

2. Department of Crop and Soil Sciences

Admission Requirements

A bachelor's degree in Agriculture or related discipline from a recognized university is required for MPhil degree in the Department. Preference is given to applicants with First or Second Class (Upper Division) degrees.

Applicants seeking admission to PhD programmes should normally have either an MSc or MPhil degree in the relevant discipline. In addition, all applicants will have to pass an interview.

Agronomy Programmes

1. MPhil Agronomy
2. MPhil Agronomy (Crop Physiology)
3. MPhil Agronomy (Plant Breeding)
4. MPhil Agronomy (Weed Science)
5. MPhil Agronomy (Forage Production Management)

Crop Protection Programmes

1. MPhil Crop Protection (Plant Pathology)
2. MPhil Crop Protection (Plant Virology)
3. MPhil Crop Protection (Entomology)
4. MPhil Crop Protection (Nematology)

Soil Science Programme

MPhil Soil Science

PhD Programmes

1. PhD Agronomy
2. PhD Plant Breeding
3. PhD Nematology
4. PhD Entomology
5. PhD Plant Virology
6. PhD Plant Pathology
7. PhD Crop Physiology
8. PhD Soil Science
9. PhD Forage Production and Management

3. Department of Horticulture

1. MPhil Seed Science and Technology
2. MPhil Postharvest Technology
3. MPhil Vegetable Crops Production
4. MPhil Fruit Crops Production
5. PhD Landscape Horticulture
6. PhD Postharvest Physiology
7. PhD Postharvest Technology
8. PhD Vegetable Crops Production
9. PhD Seed Science and Technology
10. PhD Vegetable Crops Production
11. PhD Fruit Crops

Admission Requirements

MPhil - A good Bachelor's degree (First Class or Second Class Upper Division) in Agriculture or related disciplines from KNUST or any recognized University.

Candidates with Second Class Lower Division are required to pass an interview.

Doctor of Philosophy (PhD) - Candidates applying for Doctor of Philosophy degree must have a Master's degree or its equivalent in the relevant field of study, including Horticulture, Agronomy, Biological/ Environmental Science, Postharvest Technology, Food Science, Biochemistry or related disciplines from KNUST or any recognized University and shall submit evidence of adequate training and ability to undertake proposed programme.

Candidates with degrees in Architecture, Planning, Geography, Fine Art, Civil Engineering and Building Technology may also be considered for programmes in Landscape Studies only.

4. Department of Agricultural Economics, Agribusiness and Extension

1. PhD in Agricultural Economics
2. PhD in Agricultural Extension
3. PhD in Agribusiness Management
4. MPhil in Agricultural Economics
5. MPhil in Agribusiness Management
6. MPhil in Sustainable and Integrated Rural Development

Admission Requirements

MPhil: A minimum of Second Class (Upper Division) in Agriculture or relevant subject areas from an approved University or Institution of Higher Learning.

MPhil Sustainable and Integrated Rural Development:

Candidates must possess good first degrees (First Class, Second Class [Upper Division] or their equivalent) in sustainable and rural development, natural resource management, environmental management, agriculture,

planning, land economy, law, health, business, social and natural sciences from recognized institutions. Applicants must have a thorough proficiency in written and spoken English.

PhD: MPhil degree in Agriculture/Agribusiness / Extension or relevant subject areas from a recognized University or Institution of Higher Learning. Candidates must pass a selection interview to be conducted by the Department.

FACULTY OF RENEWABLE NATURAL RESOURCES

1. Department of Wildlife and Range Management

MPhil Wildlife and Range Management

The MPhil Programme is open to holders of First Class or Second Class (Upper Division) degrees in Wildlife and Range Management, Forestry, Natural Resource Management and other related disciplines with relevant field experience are also considered for admission. In addition, candidates will be required to pass an interview before admission.

MSc GISNATUREM

Applicants should have a Bachelor of Science degree (minimum Second Class division) or equivalent from an accredited university in a discipline related to the course, preferably combined with working experience in a relevant field.

Candidates applying for admission from both institutions (KNUST and UT). Candidates meeting the above requirements are certified as acceptable by both institutions before enrolling on the programme.

Candidates are required to attend and pass an interview session with a panel from KNUST before being granted admission.

PhD Wildlife and Range Management

The PhD programme is open to holders of MPhil Degrees in Wildlife and Range Management, Forestry, Natural Resource Management and other related disciplines. In addition, candidates will be required to pass an interview before admission.

2. Department of Silviculture and Forest Management

MPhil Natural Resource and Environmental Governance

Admission Requirements

A bachelor degree First or Second Class (Upper Division) in natural resource management, environmental management, agriculture, engineering, planning, land economy, law, business, social or natural sciences. Applicants with Second Class Lower and some work experience may be admitted after an interview.

MPhil Silviculture and Forest Management

Admission Requirements

A bachelor degree (First Class or Second Class Upper Division) in natural resource management, agriculture or natural sciences.

PhD Silviculture and Forest Management

Admission Requirements

Holders of a minimum of Second Class (Upper Division) in their first degree, plus a good Master's degree in natural Resource Management, Environmental Management,

Agriculture, Land Economy, Law, Business, Social or Natural Sciences. Applicants with Second Class (Lower Division) and a good Master's degree in addition to some work experience may be admitted after an interview.

3. Department of Agroforestry

MPhil Agroforestry

Admission Requirements

The MPhil programme is open to holders of First Class or Second Class (Upper Division) degrees in Natural Resources Management, Agriculture or Biological Sciences. Graduates in other disciplines with relevant field experience are also considered for admission. In addition, candidates will be required to attend and pass an interview before admission.

PhD Agroforestry

Admission Requirements

The PhD programme is open to holders of MPhil in Agroforestry, Natural Resources Management or related field of study with appropriate field experience. Candidates will be required to take relevant courses during the programme. An interview is highly relevant in the admission process.

4. Department of Wood Science and Technology Management

- a. MPhil - Wood Science
- b. MPhil - Wood Technology
- c. MPhil - Furniture Design and Production
- d. MSc - Wood Science/Wood Technology/Furniture design and Production

Admission Requirements

First or Second Class (Upper Division) in the Sciences, Natural Resources, Wood Science/Technology and Engineering.

PhD Timber Engineering

Admission Requirements

MSc/MPhil Civil Engineering or Wood Technology

PhD Furniture Design and Production

Admission Requirements

MPhil (Wood Science, Wood Technology, Furniture Design and Production Option), MPhil (Wood Science and Management)

PhD Wood Technology

Admission Requirements

MPhil (Wood Science and Management) and any related discipline MPhil in Science or Engineering

PhD Wood Science and Technology

Admission Requirements

MPhil (Wood Science and Management) and any related discipline MSc/MPhil in Science or Engineering

5. Department of Fisheries and Watershed Management

- MPhil/PhD Aquaculture
- MPhil/PhD Aquaculture and Environment
- MPhil/PhD Aquatic Resources Management
- MPhil/PhD Fisheries Science and Management
- MPhil/PhD Watershed Management

Admission Requirements

Bachelor of Science degree with a First Class or Second Class (Upper Division). Candidates with Second Class (Lower Division) may be considered after an interview and must demonstrate considerable experience in research in the relevant field. Preferred disciplines are in Fisheries, Aquaculture, Biological Sciences or relevant aspects of Agriculture.

B. COLLEGE OF HUMANITIES AND SOCIAL SCIENCES

FACULTY OF LAW

Master of Laws (LLM) Degree Programme

Duration of programme:

Admission Requirements

Applicant must possess Bachelor of Laws (LLB) degree preferably with a minimum of Second Class (Upper Division) or its equivalent from a recognized university.

An applicant who does not satisfy the requirement stated above but holds LLB degree with Second Class (Lower Division) from a recognized university and has impressive recommendation may be admitted to the programme upon successful entrance examination and/or an interview.

Candidates must attend and pass an interview conducted by the Faculty.

FACULTY OF SOCIAL SCIENCES

1. Department of Economics

a. MSc Economics - A One (1) Year Programme

The options are:

MSc Economics (Money, Banking and Finance Option)

MSc Economics (Energy and Resource Economics Option)

MSc Economics (Health Economics Option)

Admission Requirements

A good first degree, (at least) Second Class (Lower Division) in the following disciplines; Economics, (with Finance, Mathematics, Statistics, Geography, Law, Sociology, Political Science and History); Business Administration, Mathematics / Statistics / Engineering / Physics / Actuarial Science/ Environmental Science / Land Economy / Natural Resource Management; Geography / Geography and Resource Development / Geography and Rural Development / Geography and Regional Planning; Development Studies and related disciplines. Admission is subject to passing an entrance examination.

b. MPhil Economics

Admission Requirements

A good first degree in Economics (at least) Second Class (Upper Division) is required. Candidates must have done Econometrics, Advanced Economic Theory and Mathematics for Economists at the undergraduate level in a recognized tertiary institution. A thesis proposal is NOT required. Admission is subject to passing an interview.

c. PhD Economics

A good first degree in Economics, Second Class (Upper Division) plus an MPhil (with an average grade not less than a B or equivalent) in economics or related field with sufficient background in Microeconomics, Macroeconomics, and Econometrics from a recognized tertiary institution. A good

background in econometrics, an added advantage. Admission is subject to passing an interview.

2. Department of Modern Languages

MPhil French

Admission Requirements

Candidates must hold a good First degree in French (Second Class Lower Division or better or a postgraduate qualification relevant to the area of study) from a recognised University. In addition, candidates will be required to pass a written examination and interview.

PhD French

Admission Requirements

Candidates must hold a Master's degree in French from a recognised University and must submit a research proposal acceptable to the Postgraduate Coordinating Team. In addition, candidates will be required to pass a selection interview.

3. Department of English

MPhil in English (Language or Literature)

An applicant seeking admission to the Master of Philosophy (MPhil) programme in English should have a good Bachelor's degree in English, or in related discipline(s) or in a professional affiliation accepted by the Academic Board as being equivalent to a good Bachelor's degree. The candidate will be required to pass a selection interview.

Admission Requirements

A candidate must have an MPhil degree in English from a recognized institution or an equivalent degree accepted by the Academic Board.

PhD (Language)

Admission Requirements

There shall be two channels of admission to the PhD degree in language (i.e. channel I and channel II).

Channel I: By direct admission

Channel II: By advancement from MPhil to the PhD programme.

Channel I: Direct admission

- a. A candidate must have a researched MPhil degree in English or Linguistics.
- b. An academic transcript of the Masters degree shall be required.
- c. A candidate must have obtained a cumulative grade point average of 3.0 or above (or equivalent grade) in the course work component of the Masters degree and a minimum of B or above in the research project.
- d. Where the candidate's Masters degree does not include course work, recommendation for admission shall be based on the Board's assessment of his/her Masters dissertation.
- e. A candidate shall, in addition to the application, submit a four-page proposal defining his/her specific area of interest.
- f. A candidate will also be required to pass a selection interview.

Channel II: Advancement from MPhil to PhD

- a. Advancement to candidacy signifies that the student has completed his/her coursework and must have obtained a cumulative weighted average of 70 or above in the coursework component of the Masters degree.
- b. A candidate must have been working on his/her dissertation for at least 6 months and must be certified by his /her supervisor to be in good academic standing.
- c. A candidate would be required to submit an application of advancement to the Board of Graduate Studies. The application should indicate the changes in the research and the need for the advancement.

4. Department of Geography and Rural Development

MPhil Geography and Rural Development

Admission Requirements

A good first degree in Geography, Development Studies, Natural Sciences or other Geography related disciplines. A First Class or Second Class (Upper Division) is preferred. Candidates shall be selected at a selection interview. A submission of synopsis of proposed thesis is a requirement.

PhD

Admission Requirements

Master's Degree in Geography, Development Studies or other Geography related disciplines. Candidates shall be selected at a selection interview. Oral presentation of thesis proposal is a requirement.

5. Department of Religious Studies

- a) **MA** – A candidate must have obtained a good first degree (Second Class Lower Division or better) in either Religious Studies or Theology from a recognised University or accredited Theological Seminary/Institution.
- b) **MPhil** – A candidate must have obtained a good first degree (Second Class Upper Division or better) in either Religious Studies or Theology from a recognised University or accredited Theological Seminary/Institution.

For the MA and MPhil programmes a candidate with the Social Sciences or Humanities background must in addition have a Diploma in Theology/Religious Studies from a recognised/accredited Institution or Seminary. Admission is subject to passing an entrance examination and interview.

6. Department of Sociology and Social Work

Master of Arts (MA) in Sociology

Admission Requirements

- a. First degree in Sociology or Social Work from an accredited University at least a second lower division
- b. First degree in other social sciences from an accredited University at least Second Class (Lower Division) with two years work experience
- c. A postgraduate diploma degree in social sciences from an accredited University with two years work experience

- d. For the purposes of assessing suitability, all applicants would be interviewed or be required to take entrance examination or both.

Master of Philosophy (MPhil) in Sociology

Admission Requirements

- a. First degree in Sociology or Social Work from an accredited University at least a second lower division
- b. First degree in other social sciences from an accredited University at least second class lower with two years work experience
- c. A postgraduate diploma degree in social sciences from an accredited University with two years work experience
- d. For the purposes of assessing suitability, all applicants would be interviewed or be required to take entrance examination or both.

Doctor of Philosophy (PhD) in Sociology

Admission Requirements

- i. Applicants with MPhil Sociology.
- ii. Other applicants with a second research degree in a relevant field other than Sociology with two years work experience and who have a research background may be admitted.
- iii. All applicants must pass an interview.

7. Department of History and Political Studies

MPhil - Political Science

Admission Requirements

- a. Applicants to the MPhil programme must have a Bachelor of Arts or Science degree with a minimum of Second Class (Upper Division) in Political Science.

- b. Applicants with other disciplinary backgrounds could be considered.
- c. Holders of Second Class (Lower Division) could be considered if they have at least two years' work experience.
- d. International applicants must, in general, meet the requirements above and also demonstrate proficiency in English as the medium of classroom instruction.
- e. All applications must include transcripts of all post-secondary level education received, statement of purpose/research proposal as well as three letters of recommendation from individuals in professional capacities who are familiar with the applicant's potential for graduate study.
- f. The final requirement for admission is an entry examination and a departmental interview to determine applicants' suitability for the programme.

Master of Public Administration (MPA)

Admission Requirements

- a. Applicants to the MPA programme must have a good Bachelor of Arts or Science degree with Second Class (Upper Division).
- b. Holders of Second Class (Lower Division) could be considered if they have at least two years' work experience.
- c. International applicants must, in general, meet the requirements above and also demonstrate proficiency in English as the medium of classroom instruction.
- d. All applications must include transcripts of all post-secondary level education received, as well as three letters of recommendation from individuals in professional

capacities who are familiar with the applicant's potential for graduate study.

- e. The final requirement for admission is an entry examination and a departmental interview to determine applicants' suitability for the programme.

8. SCHOOL OF BUSINESS

i. Master of Business Administration (MBA)

Day/Evening/Weekend

- Accounting
- Finance
- Marketing
- Strategic Management and Consulting
- Human Resource Management
- Management and Organizational Development
- Logistics and Supply Chain Management
- Management Information Systems (MIS)

ii. Master of Science (MSc)

- MSc Marketing
- MSc Logistics and Supply Chain Management
- MSc Procurement and Supply Chain Management
- MSc Management and Human Resource Strategy
- MSc Accounting
- MSc Finance

iii. Master of Philosophy (MPhil) in Business Administration

- All areas of specialization

Admission Requirements

1. Master of Business Administration (MBA)

General entry requirements for all applicants (Day/Evening/Weekend)

- a. Candidates must possess a good first degree (minimum of Second Class (Lower Division) or equivalent professional qualifications from a recognised institution in any relevant area.
- b. Applicants must in addition have a thorough proficiency in written English. Candidates must pass a selection interview to be conducted by the School. An entrance examination may be required when necessary.
- c. All candidates must demonstrate their ability to pay all approved programme fees for the duration of study.

2. Master of Science (MSc)

General entry requirements for all applicants

- a. MSc applicants must possess good first degree in a relevant discipline with at least Second Class (Lower Division) or its equivalent.
- b. Applicants must in addition have a thorough proficiency in written and spoken English.
- c. All candidates must demonstrate their ability to pay all approved programme fees for the duration of study.

3. Master of Philosophy (MPhil)

General requirements for all applicants

- a. All candidates must possess an Honours Degree with a minimum of Second Class Lower Division from a recognized University or institution of higher learning.
- b. All candidates must attend and pass interview sessions conducted by the Departments.
- c. All candidates must demonstrate their ability to pay all approved programme fees for the duration of study.

Specific Requirements

Specific requirements for admission to the MPhil programme in Business and Management at KSB are as follows:

- a. A candidate shall hold Master's degree (MSc in relevant Business Administration subject area or MBA) from a recognized University or institution of higher learning.
- b. For applicants without Master's degree qualification in relevant Business Administration subject areas:
 - shall possess a good first degree (minimum of Second Class Lower Division) in any subject area.
 - at the end of the first year must have a minimum CWA of 65% to proceed to MPhil in the second year [else the candidate would be terminating with Master of Science (MSc) in relevant Business Administration subject area].

C. COLLEGE OF ART AND BUILT ENVIRONMENT

1. Department of Architecture

- MPhil Architectural Studies

Options:

- Urban Design and Development
 - Building and Environment
 - Architectural History and Appreciation
 - Housing
 - Conservation and Restoration
 - Landscape Design
 - Environment and Behaviour
- MArch (Master of Architecture)
 - MSc Architecture - One (1) Year Top-up

Admission Requirements

MPhil (Architectural Studies)

This programme is offered to students with architecture background, after obtaining a first undergraduate degree. Admission to this programme may be preceded by an interview.

MSc Architecture (One Year) Top-up

Students who have completed the Postgraduate Diploma (or higher) in Architecture and related fields of study from accredited/government recognized university will be admitted into the programme.

- a. Students must demonstrate relevant experience as well as the capacity for undertaking advanced academic study with at least an Undergraduate and Postgraduate cumulative weighted average in architectural (or related fields) studies of at least 60 percent.
- b. Three letters of recommendation from three previous faculties and/or members of the profession.
- c. Portfolio of architectural studies (or related fields) works.
- d. In addition to these requirements, all applicants must pass an interview by a panel from the Departmental Board.

MArch (Master of Architecture) -Two Years

These Programmes are for students with a first degree in Architecture in any recognizable institution. Students are chosen by set criteria based on detailed results at the undergraduate levels.

- a. Students must demonstrate relevant experience as well as the capacity for undertaking advanced academic study

with at least an Undergraduate and Postgraduate cumulative weighted average in architectural (or related fields) studies of at least 60 percent.

- b. Three letters of recommendation from three previous faculties and/or members of the profession.
- c. Portfolio of architectural studies (or related fields) works.
- d. In addition to these requirements, all applicants must pass an interview by a panel from the Departmental Board.

2. Department of Building Technology

1. MSc Construction Management
2. MPhil Construction Management
3. MSc Procurement Management
4. MPhil Procurement Management
5. PhD Building Technology

1. MSc Construction Management

This one year MSc Construction Management degree programme is a professionally oriented international qualification open to working professionals from Ghana and other countries who want to develop career in Construction Management. The pre-requisite for admission to the course are:

1. Hold a Bachelor's degree (with a minimum of Second Class Lower Division) in Building Technology, Quantity Surveying and Construction Economics, Construction Technology and Management, Civil Engineering or a Pg. Dip. In Architecture.
2. Applicants with Architecture background should have obtained a Postgrad Dip or MSc in Architecture or qualification in Architecture which is registerable.

3. Candidates must have a minimum of two years relevant industrial or research experience
4. Candidates must attend an interview session and pass the interview before admission.

2. MPhil Construction Management

The MPhil Construction Management degree programme is an academic-oriented international qualification open to working professionals from Ghana and other countries who want to develop career in research and teaching in the Construction Industry. The pre-requisite for admission to the course is:

1. Hold a Bachelor's degree (with a minimum of Second Class Lower Division) in Building Technology, Postgraduate diploma (Pg. Dip) in Architecture, Construction Technology and Management, Quantity Surveying and Construction Economics, and Civil Engineering and must perform satisfactorily within the first year of the MSc programme with a minimum CWA of 65.
2. Applicants with Architecture background should have obtained a Postgrad Dip or MSc in Architecture or qualification in Architecture which is registerable.
3. Candidates must have a minimum of two years relevant industrial or research experience.
4. Candidates must attend an interview session and pass the interview before admission.

After the first year, candidates opting for MPhil Construction Management shall be required to:

- i. Put in an application to the Head of Department requesting a transfer from MSc Procurement Management to MPhil Procurement Management.

- ii. Have achieved a minimum of 65 percent Cumulated Weighted Average.
- iii. Submit a researchable thesis proposal and workable programme which are acceptable to the Department.

3. MSc Procurement Management

This one year MSc Procurement Management degree programme is a professionally oriented international qualification open to working professionals from Ghana and other countries who want to develop career in Procurement Management. The pre-requisite for admission to the course is:

- 1. Hold a Bachelor's degree (with a minimum of Second Class Lower Division) in ANY field/discipline.
- 2. Candidates must have a minimum of two years relevant industrial or research experience.
- 3. Candidates must attend an interview session and pass the interview before admission.

4. MPhil Procurement Management

The KNUST MPhil Procurement Management degree programme is an academically oriented international qualification open to graduates and working professionals from Ghana and other countries who want to develop career in teaching and research with respect to modern Procurement Management. Candidates for the MPhil Procurement Management programme shall first be admitted as MSc Procurement Management candidates. In effect the pre-requisite for admission to the programme is:

- iv. Hold a Bachelor's degree (with a minimum of Second Class Lower Division) in ANY field/discipline.

- v. Applicants must have a minimum of two years relevant industrial or research experience.
- vi. Candidates must attend an interview session and pass the interview before admission.

After the first year, candidates opting for MPhil Procurement Management shall be required to:

- vii. Put in an application to the Head of Department requesting a transfer from MSc Procurement Management to MPhil Procurement Management.
- viii. Have achieved a minimum of 65 percent Cumulated Weighted Average.
- ix. Submit a researchable thesis proposal and workable programme which are acceptable to the Department.

5. PhD Building Technology

The PhD Building Technology degree programme is an academically oriented international qualification open to graduates and working professionals from Ghana and other countries who aspire to develop their career in the research and teaching of Building Technology both in private and public institutions. The programme has been designed to provide a sound grasp of current and emerging theories and philosophies associated with Building Technology. The overall aim of this doctorate programme is to help bridge the continuous deficit in qualified human resources in the area of research and teaching of Building Technology. The pre-requisite for admission to the course is:

- 1. A Candidate shall hold a Master's degree or its equivalent from a recognized institution in Architecture, Construction Management, Building Technology, Quantity Surveying and Civil Engineering.

2. Candidates with two-year research Master's degree in Construction Management are admissible.
3. A Candidate who holds a Bachelor's degree (with First Class Division) in Architecture, Building Technology, Construction Technology and Management, Quantity Surveying and Civil Engineering shall;
 - i. Register for a Master of Philosophy in Building Technology degree.
 - ii. Prove him/herself to be of sufficient calibre by the end of the first year of the programme.
 - iii. The admission into the PhD programme shall be deemed retrospective from the date of the original registration for the MPhil programme.
4. A Candidate shall demonstrate sufficient ability to undertake the programme.
5. Candidates must have a minimum of two-years relevant industrial or research experience.
6. Candidates must attend an interview session and pass the interview before admission.
7. Candidates must submit a sustainable research proposal and workable programme.

3. Department of Planning

- i. **MSc Development Planning and Management (Spring Regular)**
- ii. **MSc (Development Planning and Management (Weekend Programme))**

The SPRING programme is open to Planners, Managers, Administrators and other related professionals, with a Bachelor's Degree in the Second Class Upper Division and above or its equivalent from a recognized institution in relevant programmes including the following:

Planning, Development Studies/Integrated Development Studies, Social Studies, Agriculture, Renewable Natural Resources, Economics, Civil Engineering, Geography, Sociology, Land Economy, Business and Public Administration, Environmental Studies, any other relevant programmes.

Candidates with Second Class Lower Division in the relevant fields of study may also apply for consideration. However, all applicants must have a minimum of one year post-graduation experience in industry or research and must pass an interview before gaining admission into the programme.

The Weekend SPRING Programmes which are run on Saturday/Sunday for two years, are suitable for applicants who may be currently working and those who are actively seeking for jobs. Upon admission, students enrolled in the SPRING Weekend programme are required to pay programme fees in addition to other university charges.

Any candidate who fails to complete the programme within the two year period will pay additional pro-rated fees to the Department of Planning, aside any additional fees assessed by the School of Graduate Studies.

- iii. **MSc Development Policy and Planning (DEPP – Regular)**
- iv. **MSc Development Policy and Planning (DEPP - Weekends)**

A Bachelor's Degree in the Second Class Upper Division and above or its equivalent from a recognized institution in relevant programmes including the following:

Planning, Development Studies/Integrated Development Studies, Social Studies, Agriculture, Renewable Natural

Resources, Economics, Civil Engineering, Geography, Sociology, Land Economy, Business and Public Administration, Environmental Studies, any other relevant programmes.

Candidates with Second Class Lower Division in the relevant fields of study may also apply for consideration. However, all applicants must have a minimum of one year post-graduation experience in industry or research and must pass an interview before gaining admission into the programme.

The Weekend MSc DEPP programme which is run on Saturday/Sunday for two years, is suitable for applicants who may be currently working and those who are actively seeking for jobs.

Any candidate who fails to complete the programme within the two year period will pay additional pro-rated fees to the Department of Planning, aside any additional fees assessed by the School of Graduate Studies.

v. Master of Philosophy in Development Studies (Regular)

vi. Master of Philosophy in Development Studies (Weekends)

These two-year programmes are open to a limited number of high caliber candidates with First Class Undergraduate Degrees or good Second Class (Upper Division) from reputable institutions in relevant courses including the following:

Development Studies/Integrated Development Studies, Agriculture, Renewable Natural Resources, Economics, Geography, Sociology, Land Economy, Environmental Studies

Candidates with Second Class Lower Division in the relevant fields of study may also apply for consideration. *Candidates who did not write a thesis at the undergraduate level, and/or those who wrote group projects may only be admitted under special circumstances.* In addition, all applicants must have a minimum of one year's post-graduation experience in industry or research and must have well-developed research proposals on contemporary development issues in their area of interest.

Shortlisted applicants must pass an interview selection process. All selected candidates for the programme may be required to take core and specified coursework and must meet specific benchmarks specified by the Department in order to meet the graduating requirements.

The Weekend MPhil Programme which is run on Saturday/Sunday for two years is suitable for applicants who may be currently working and those who are actively seeking for jobs.

Any candidate who fails to complete the programme within the two year period will pay additional pro-rated fees to the Department of Planning, aside any additional fees assessed by Graduate School.

vii. Master of Philosophy in Planning (Regular)

viii. Master of Philosophy in Planning (Weekends)

These two-year programmes are open to a limited number of high caliber candidates with First Class Undergraduate Degrees or good Second Class (Upper Division) in *Development Planning, Settlement Planning* or any other planning degree from reputable institutions. Potential applicants must have

written a thesis on contemporary development issues at the undergraduate level.

All selected candidates for the programme may be required to take some core and specified coursework and must meet specific benchmarks specified by the Department in order to meet the graduating requirements. *Candidates who did not write thesis at the undergraduate level and those who wrote group projects may only be admitted under special circumstances.*

The Weekend MPhil Programme which is run on Saturday/Sunday for two years is suitable for applicants who may be currently working and those who are actively seeking for jobs.

ix. PhD in Development Studies (Full Time - Four Years)

x. PhD in Development Studies (Part Time - 5 years)

Applicants must hold a good Master of Philosophy degree in Development Studies or a relevant Master's Degree from a recognized university which is acceptable to the Departmental Board. A good master's degree in the following related programmes are required for admission into the programmes:

Development Studies/Integrated Development Studies, Agriculture, Renewable Natural Resources, Economics, Civil Engineering, Geography, Sociology, Land Economy, Environmental Studies, any other relevant programmes.

In addition, all applicants must have a minimum of two years post-graduation experience in industry and must pass a selection interview before gaining admission into the programme. Candidates with proven research background (as

reflected in publications in reputable journals) have added advantage.

All applicants must have well-developed research proposals which reflect contemporary development issues and pass through a competitive interview selection process.

xi. PhD in Planning (Full Time - Four Years)

xii. PhD in Planning (Part Time – 5 Years)

Applicants must hold a good Master's degree in the following:

- a. Master of Philosophy in Planning
- b. MPhil in Development Planning and Management
- c. MPhil in Development Policy and Management
- d. Any other Master's degree in Planning from a recognized university which is acceptable to the Departmental Board.

In addition, all applicants must have a minimum of two years post-graduation experience in industry and must pass a selection interview before gaining admission into the programme. Candidates with proven research background (as reflected in publications in reputable journals) have added advantage.

All applicants must have well-developed research proposals which reflect contemporary development issues and pass through a competitive interview selection process.

Candidates who did not write a thesis at the Master's level need not apply

All candidates may have to do extra work and must meet specific benchmarks specified by the Department in order to meet the graduating requirements.

Any candidate who fails to complete the programme on schedule will pay additional pro-rated fees to the Department of Planning, aside any additional fees assessed by Graduate School.

4. Department of Land Economy

1. MSc Land Governance and Policy

2. PhD Land Economy

Admission Requirements

MSc Land Governance and Policy is open to Land Economists, Estate Managers, Planners, Land Surveyors/Geomatic Engineers/Town and Country Planners and related Social Scientists.

- Applicants must hold a bachelor's degree (at least second class) in a Land Economy, Planning, LLB, Geomatic/Geodetic Engineering, Geography, Economics, Sociology, Agriculture, Environmental Studies, Natural Resources Management and other related degrees from institutions of recognised standing.
- Candidates must attend an interview session and pass the interview before admission

PhD Land Economy

- Candidates must hold an MPhil in Land Economy, Land Governance, Land Policy, Real Estate, LLM or a

Master's degree in a relevant subject from a recognised University acceptable to the Departmental Board.

- Candidates must attend an interview session and pass the interview before admission.
- Candidates must submit a sustainable proposal and workable programme that fit into the land industry and acceptable to the Departmental Board.

Center for Settlement Studies and Department of Planning

MPhil Urban Management Studies – Weekend Programme

- The programme is open to all applicants but specifically targeted towards Directors of the Ministry of Local Government and Rural Development; Staff of Town and Country Planning Department; Managers of Real Estate Companies; Managers of Waste Management Companies; Lands Commission Staff; Forestry Commission Staff, District, Municipal and Metropolitan Chief Executives; District, Municipal and Metropolitan Coordinating Directors, Planning Officers, Directors or Works and Engineers.
- An Applicant must hold a Bachelor's degree from any recognized university with a minimum of two years working experience from recognized institutions that are in urban related professions. The applicant will also be required to submit a research proposal and when shortlisted for admission would be invited for an interview. Candidates from the following backgrounds are eligible to apply: Architecture, Public/Business Administration, Settlement/Development Planning, Civil Engineering, Construction Technology and

Management/Quantity Surveying and Construction Economics, Geography, Economics Population Studies, Land Economy/Real Estate, Social/Political Science, Sociology/Psychology, and Development Studies.

FACULTY OF ART

1. Department of General Art Studies

MPhil Art Education

The pre-requisite criteria for admission to the programme are:

- A good BA, BFA, or BEd (First or Second Class) degree in any Visual Art discipline;
- A good pass (60% or above) in Research Methodology and Thesis writing at the undergraduate level;
- Submission of a research proposal on an appropriate topic that is relevant to teaching, learning, and administration of the Art, Vocational or General Education;
- A good pass (65% or above) at the written entrance examination and interview that is determined by the Departmental Board; and at least One (1) year classroom teaching or school administration experience.

MPhil African Art and Culture

- The pre-requisite criteria for admission to the programme are:
- A good BA, BFA or BEd (1st or Second Class) degree in any Art discipline;
- A good pass (65% or above) in Research Methodology at the undergraduate level;

- A good pass (65% and above) in a written examination and interview to be determined by the Departmental Board ;
- Completion of National Service.

PhD Art Education / PhD African Art and Culture

The pre-requisite criteria for admission to the programme are:

- MA, MPhil, MFA or MEd. Art Education degree or any Visual Art discipline from a recognised university;
- Evidence of research scholarship: Thesis, Project, Journal article or other acceptable publication;
- Submission of a comprehensive Research Proposal on an appropriate topic in any Visual Art discipline or Art Administration; and
- A good pass (70% and above) at a written entrance examination and/or interview to be determined by the Departmental Board.

2. Department of Painting and Sculpture

Master of Fine Art

- Painting
- Sculpture
- Painting and Sculpture

Candidates must possess a good first degree or its equivalent from a recognized institution in the relevant area of study. Preference would be given to candidates with a First Class or Second Class Upper or lower Division. Candidates must also present a Portfolio of recent works and pass an interview conducted by the Department.

PhD Fine Art

- Painting
- Sculpture
- Painting and Sculpture

Candidates must possess a master's degree from a recognized institution in the relevant area of study. Candidates must also present a proposal of intended research and pass an interview conducted by the Department of Painting and Sculpture.

3. Department of Industrial Art

Admission of students into the Master of Fine Art programme will also be based on the assessment of applicant's portfolio and an oral interview.

Admission Requirements

a. MFA Ceramics

A candidate for admission to the Master of Fine Art, Ceramics Programme must have completed B.A (Industrial Art) Degree (Ceramics Option) or its equivalent with First Class or Second Class Honours (Upper Division).

b. MFA Jewellery and Metalsmithing

A candidate for admission to the Master of Fine Art, Metal Product Design Programme must have completed B.A. Industrial Art Degree (Metal Product Design Option) or its equivalent with First Class or Second Class Honours (Upper Division).

c. MFA Textiles Design

A candidate for admission to the MFA Textiles Programme must have obtained the BA. Industrial Art degree (Textiles

Option) with First Class or Second Class Honours (Upper Division) or its equivalent.

4. Department of Communication Design

- **Masters in Communication Design (MCOMM), Part time and Full time;**
- **Master of Philosophy (MPhil Comm Design) Full Time ONLY**

Prospective students should have a good first degree (First Class or Second Class [Upper Division]) in one of the pathway areas in Communication design or design-related programme. For MCOMM, an applicant in addition, must have a minimum of two years professional working experience, and further demonstrate the appropriate intellectual, creative and personal qualities to pursue the programme. Candidates must be able to demonstrate, through the submission and review of a portfolio and through an interview, a level of knowledge and competence appropriate to the demands of the programme, and to demonstrate the potential to benefit from that study.

For MPhil, a candidate will be required to submit a 2-page summary of proposal that he/she intends to work on and for which a competent supervisor is readily available. MComm students will be required to produce a good professional portfolio and attend an interview.

Candidates would be selected on the basis of a body of work/proposal that will demonstrate an advanced understanding of the subject/area, sufficient knowledge and technical skill to realise intentions; evidence of commitment to the subject; research and intellectual curiosity, critical design-

thinking; open-mindedness; the ability to collaborate, to engage in research and debate, and respond communicatively to criticism.

5. Department of Integrated Rural Art and Industry

MPhil Integrated Art

Duration: Full Time Two Years / Part Time Three Years

The Master of Philosophy Degree in Integrated Art programme is designed to last for two years (four semesters); it is made up of two semesters of taught courses and studio practice, and two semesters of Studio Practice (Research) and Project Report (thesis writing) with a minimum credit hour requirement for graduation of 65 credits.

Admission Requirements

- a) Applicants must have a first degree in Integrated Rural Art and Industry preferably a First Class or Second Class Honours (Upper Division) or a first degree in a closely related field.
- b) Applicants with Master of Integrated Art and Industry will be admitted to the Second Year of the Master of Philosophy Degree programme. Candidates with a second class lower division and considerable relevant professional experience may also apply.
- c) Applicants must be successful at an interview and assessment of portfolio in the areas of specialization:
Fibres and Fabrics Technology, Leather Technology, Clay and Earthenware Technology, Woodworking Technology, Metals Fabrication Technology, Bamboo and Rattan Technology and Product Design Technology.

- d) Study in Product Design Technology is available to candidates with good first degree in relevant design based programmes, such as; Graphic Communication, Painting, Architecture, Computer Science and Engineering programmes.

CERTIFICATION: Award of certificate will be based on area of specialization, Example; Master of Philosophy Degree in Integrated Art (*Bamboo and Rattan Technology*) or Master of Philosophy Degree in Integrated Art (*Leather Technology*).

Master of Integrated Art

The Full-Time Master of Integrated Art Degree programme is designed to last for ONE year of four semesters; two semesters of taught courses and studio practice, and two semesters of Studio Research and Project Report Writing with a minimum graduation credit hour requirement of 65 credits.

Admission Requirements

- a) Applicants must have a first degree in Integrated Rural Art and Industry preferably a First Class or Second Class (Upper Division) in Ceramics, Textiles, Sculpture, Metals, Product Design Leatherwork, and Rattan and Bamboo.
- b) Applicants with a second-class lower division and considerable relevant professional experience may also apply.
- c) Applicants must be successful at an admission interview and assessment of portfolio in the areas of specialization:
Fibres and Fabrics Technology, Leather Technology, Clay and Earthenware Technology, Woodworking Technology, Metals Fabrication Technology, Bamboo and Rattan Technology, Product Design Technology

- d) Product Design Technology is available to candidates with a First Class or Second Class (Upper Division) in relevant design based programmes, such as; Communication Design, Painting, Architecture, Computer Science and Engineering.

CERTIFICATION: Award of certificate will be based on area of specialisation, Example; Master of Integrated Art (*Bamboo and Rattan Technology*) or Master of Integrated Art (*Leather Technology*).

D. COLLEGE OF HEALTH SCIENCES

FACULTY OF PHARMACY AND PHARMACEUTICAL SCIENCES

1. Department of Pharmaceutics

MSc Pharmaceutical Technology

Admission Requirements

- A. At the time of application, applicants should have:
- A good first degree or equivalent degree in Pharmacy (BPharm/PharmD), Chemistry, Biochemistry, Herbal Medicine, Chemical Engineering and other related disciplines from a recognized institution with a minimum of Second Class (Lower Division).
 - Adequate level of English proficiency, if candidate is from a non-English speaking country.
- B. Interviews will be conducted for short-listed applicants to select those who best qualify for the programme.

Admission Requirements for MPhil Pharmaceutics

- A. At the time of application, applicants should have:
- A good first degree or equivalent degree in Pharmacy (BPharm/PharmD), Chemistry, Biochemistry, Chemical Engineering, Herbal Medicine and other related disciplines from a recognized institution with a minimum of Second Class (Lower Division).
 - Adequate level of English proficiency, if candidate is from a non-English speaking country.
- B. Interviews will be conducted for short-listed applicants to select those who best qualify for the programme.

PhD Pharmaceutics

Admission Requirements

- A. At the time of application, applicants should have:
- A good first degree or equivalent degree in Pharmacy (BPharm/PharmD), Chemistry, Biochemistry, Chemical Engineering, Herbal Medicine and other related disciplines from a recognized institution with a minimum of Second Class (Lower Division), and in addition,
 - A good Master's degree (MPhil or equivalent) in Pharmaceutical Sciences, Drug delivery, Drug Design and Formulation and other related disciplines from a recognized institution.
 - Adequate level of English proficiency, if candidate is from a non-English speaking country.
- B. Interviews will be conducted for short-listed applicants to select those who best qualify for the programme.

MPhil Pharmaceutical Microbiology

Admission Requirements

- A. At the time of application, applicants should have:
- A good first degree or equivalent degree in Pharmacy (BPharm/PharmD), Herbal Medicine, Biology, Biological Sciences, Biochemistry, Biomedical Sciences, Medical Laboratory Technology and other related disciplines from a recognized institution with a minimum of Second Class (Lower Division).
 - Adequate level of English proficiency, if candidate is from a non-English speaking country.
- B. Interviews will be conducted for short-listed applicants to select those who best qualify for the programme.

PhD Pharmaceutical Microbiology

Admission Requirements

- A. At the time of application, applicants should have:
- A good degree or equivalent degree in Pharmacy (BPharm/PharmD), Herbal Medicine, Biology, Biological Sciences, Biochemistry, Biomedical Sciences, Medical Laboratory Technology and other related disciplines from a recognized institution with a minimum of Second Class (Lower Division) and in addition,
 - A good Master's degree (MPhil) in Pharmaceutical Microbiology, Microbiology, Biotechnology and other related disciplines from a recognized institution.
 - Adequate level of English proficiency, if candidate is from a non-English speaking country.
- B. Interviews will be conducted for short-listed applicants to select those who best qualify for the programme.

2. **Department of Pharmacognosy**

MPhil Pharmacognosy

PhD Pharmacognosy

- Phytochemistry
- Standardisation of Herbal products
- Search for bioactive compounds from medicinal plants of folkloric interest. The areas of interest include antimicrobial agents, anti-diabetic agents, antimalarial agents, anti-helminthic agent, anti-inflammatory and analgesic agents

Admission Requirements

In addition to the general entry requirements, applicants with a good Bachelor's degree or a recognized qualification in Pharmacy, Biological Sciences, Botany, Chemistry, Biochemistry, other basic sciences and related areas will be considered for admission to the MPhil Pharmacognosy programme.

For a PhD, a, applicant should have MPhil or equivalent in the above mentioned areas.

3. **Department of Pharmaceutical Chemistry**

MPhil Pharmaceutical Chemistry

PhD Pharmaceutical Chemistry

The Department offers MPhil/PhD in Pharmaceutical Chemistry with emphasis on Pharmaceutical Analysis and Quality Control; Medicinal Chemistry; Phytochemistry including Bioactivity and Safety testing of Phytochemicals; Pharmacokinetics and Drug metabolism; Kinetics of Drug Decomposition and Stability of Drug products; Powder Technology; Gum Technology and Stability Studies;

Formulation and Stability Studies; Herbal Medicinal Plants Research; Antimicrobial agents and their actions; Microencapsulation; Preservation of Pharmaceuticals; Biopharmaceutics and Pharmacokinetics and Drug Delivery.

Admission Requirements

- Candidates with a **good first degree** in Pharmacy (BPharm/PharmD) Chemistry or Biochemistry may be considered for **MPhil** admission.
- Candidates applying for **PhD** admission should have a minimum of MPhil degree in pharmaceutical sciences and/or related programmes: Pharmaceutical Analysis and Quality Control; Medicinal Chemistry; Pharmaceutics; Pharmacology; Pharmacognosy; Biochemistry; Chemistry and other related disciplines.

4. Department of Pharmacy Practice

Admission Requirements

- **MSc Clinical Pharmacy (Part-Time)**
A first degree in Pharmacy or relevant health- related discipline
- **MPhil Clinical or Social Pharmacy (Full-Time)**
A first degree in Pharmacy or relevant health- related discipline
- **PhD Clinical or Social Pharmacy**
An MPhil degree or equivalent in Clinical or Social Pharmacy or relevant health- related discipline.

5. Department of Pharmacology

- **MPhil Pharmacology**
- **PhD Pharmacology**

Admission Requirements

The minimum requirement for admission to a graduate programme is good First Degree in Pharmacology, Pharmacy, Toxicology, Medicine, Biochemistry or a related field in the Biomedical Sciences. All candidates will have to pass an interview prior to admission. Candidates who demonstrate an outstanding potential for higher research degree may be recommended to the School of Graduate Studies for a transfer on to a PhD programme after a period of 15 months. After satisfying all conditions, candidates with MPhil in Pharmacology/Toxicology are allowed to register for a direct PhD.

Department of Nursing

- **MPhil Nursing**
- **MSc Clinical Nursing**

Admission Requirements

Applicants must:

- Have First or Second Class (Upper Division) degrees in Nursing or similar qualifications from a recognized university.
- Be registered with the Nursing and Midwifery Council of Ghana or its equivalent from other countries
- Have a minimum of two years working experience after the first degree programme in a relevant area i.e health facility, public health unit or a health training institution.

- Holders of Second Class (Lower Division) degrees must have a minimum of three years post qualification working experience in a relevant area.

6. Department of Medical Laboratory Technology

MPhil Haematology

Admission Requirements

Applicants must possess a First or Second Class (Upper Division) degrees in Medical Laboratory Technology, Medical Laboratory Science or Biomedical Laboratory Technology or Similar qualifications from a recognized university. Holders of MBChB or MBBS may also be considered.

Candidates with first degrees in Biochemistry or Biological Sciences, who do not have the requisite background in haematology will have to undertake a bridging course before finally signing on to the MPhil programme.

Holders of Second Class (Lower Division) degrees must have at least two years relevant post qualification working experience in the relevant area.

SCHOOL OF MEDICAL SCIENCES

1. Department of Clinical Microbiology

MPhil/PhD - Clinical Microbiology

Options:

Bacteriology, Entomology, Parasitology and Virology

Admission Requirements

MPhil

First Class or Second Class (Upper Division) degree in Biological Science, Medical Laboratory Technology or equivalent from recognized institution.

PhD

- a) MPhil or equivalent in appropriate discipline from recognized institution
- b) Proof of funding required
- c) Candidates should first contact the Head of Department on their proposed Research Projects before applying.

2. Department of Molecular Medicine

Admission Requirements

MPhil Chemical Pathology

A good degree in Medical Laboratory Technology, Pharmacy, Human Biology and Biochemistry. The candidate should have a flair for Medical Laboratory work/research. Preferably a Second Class (Upper Division) or above in the area of graduation.

MPhil Molecular Medicine

Applicants are required to have:

MB ChB or BSc Biochemistry and Biotechnology, BSc Medical Laboratory Technology, D Pharm, BDS, DVM, BSc Biological Science (with major in Cell Biology).

PhD Molecular Medicine

All the above MPhil Molecular Medicine, MSc Chemical Pathology, MPhil Chemical Pathology, MPhil. Immunology, MSc Cell Biology with relevant field experience.

PhD Chemical Pathology

A good in MPhil Chemical Pathology or MSc Clinical Biochemistry in a recognized university. Prospective candidates should be successful at pre-admission interview.

MPhil Immunology

A good degree in Medical Laboratory Technology, Pharmacy, Human Biology and Biology. The candidate should have a flair for Medical Laboratory work/research. Preferably a Second Class (Upper Division) or above in the area of graduation.

PhD Immunology

A degree in MPhil Biological Sciences, Biochemistry or MSc in Immunology or any of the Life Sciences in a recognized university. Prospective candidates should be successful at a pre-admission interview.

3. Department of Anatomy and Cell Biology

Applications are invited from suitably qualified candidates for admission to the PhD/MPhil Human Anatomy and Cell Biology, PhD/MPhil Human Anatomy and Forensic Science, MPhil Human Anatomy and Cell Biology (Morphological Diagnostics option) and MPhil Mortuary Science and Management Programmes.

Admission Requirements

MPhil Human Anatomy and Cell Biology Programme

(Morphological Diagnostics Option)

At the time of application, applicants should possess a good First Class or Second Class (Upper Division) in Biological Sciences, Anatomy and Cell Biology, Biomedical Science, Medical Laboratory Technology, MBChB or equivalent from a recognized Institution.

MPhil Human Anatomy and Forensic Science Programme

At the time of application, applicants should possess a good First Class or Second Class (Upper Division) in Biological Sciences, Anatomy and Cell Biology, Biomedical Science, Medical Laboratory Technology, MB.Ch.B or equivalent from a recognized Institution.

MPhil Mortuary Science and Management

At the time of application, applicants should possess a good First or Second Class (Upper Division) degree in Biological Sciences, Biomedical Science, Anatomy and Cell Biology, Medical Laboratory Technology, Nursing, Herbal Medicine, Biochemistry, Allied Health Sciences, Chemistry or related disciplines from a recognized University.

Candidates should have a flair for laboratory work or research. Prospective candidates should also show proof of their source of funding and be successful at a pre-admission interview.

PhD Human Anatomy and Cell Biology Programme

PhD Human Anatomy and Forensic Science Programme

A good degree in MPhil or equivalent in Human Anatomy and Cell Biology, Human Anatomy and Forensic Science, Biological Sciences, Biomedical Science, Medical Laboratory Technology from a recognized University. Candidates should have a flair for laboratory work or research. Prospective

candidates should also show proof of their source of funding and be successful at a pre-admission interview.

4. Department of Physiology

MPhil Human Physiology

MPhil Physiology

MPhil Reproductive Physiology

Admission Requirements

- a) A minimum of Second Class (Lower Division) degree in any of the Life Sciences
- b) MBChB degree

5. Department of Eye, Ear, Nose and Throat:

MSc Audiology and

MSc Speech/Language Pathology

Admission Requirements

First Degree in Sciences or the Humanities

Applicants must have obtained a First Class Degree or Second Class (Upper Division) or its equivalent.

7. Department of Community Health (Centre for disability and Rehabilitation Studies)

MSc Disability, Rehabilitation and Development

The MSc Disability, Rehabilitation and Development programme provides students with a comprehensive insight into the subject of Disability and Rehabilitation within the African context. It highlights theories (models) and

definitions of disability, policy processes, individual and community assessment, management practices, research and management of Community Based Rehabilitation programmes.

Admission Requirements

Practicing professionals/graduates with a first degree of Second Class Lower Division or better from a recognised University in the fields of:

Disability and allied disciplines, Health and health related Sciences, Education and Education Psychology, Social Services or Social work, Sports and Exercise Science, Architecture, Policy Planning

Pre-requisites for admission will be satisfactory results from:

- i. An interview
- ii. Assessment of a written motivational statement
- iii. Fulfillment of the general university's admission requirements

SCHOOL OF PUBLIC HEALTH

1. Department of Health Policy, Management and Economics

MSc/MPH (Health Services Planning and Management)

2. Department of Health Promotion and Education

MSc/MPH (Health Education and Promotion)

3. Department of Population, Family and Reproductive Health

MSc/MPH (Population and Reproductive Health)

Applicants should have a good first degree (at least Second Class Lower), preferably in any life sciences such as medicine, veterinary medicine, nursing, public health, environmental health, pharmacy or health-related sectors – the social sciences, development and education. The first degree should be from a recognized University/ College. In addition, applicants should have had at least two years post-graduation work/job experience.

The final selection in all departments will be done through a written examination followed by an interview.

PhD Public Health

Applicants shall hold a Master's degree with a CWA of at least 65.0 or its equivalent, from a recognized institution and shall provide evidence of adequate training and financial support to undertake the proposed programme. Additionally, the applicant must have at least one (1) publication in a peer-reviewed journal, out of the Master's dissertation/thesis. Applicants who demonstrate an inclination toward a career in academia or health research, or are currently pursuing a career in either of these two areas will have an added advantage for admission.

F. COLLEGE OF SCIENCE

1. Department of Biochemistry and Biotechnology

Admission Requirements

- a) Completion of graduate admission application forms with supporting documents
- b) A statement of intent, including a brief discussion (not exceeding 1,500 words) of educational goals and career projections. Applicant may also include a copy of previous written scientific work.
- c) International Students whose medium of instruction is other than English must demonstrate adequate level of proficiency in English as a foreign language. These must enroll in an adequate level of English course offered by the Department of English for at least six (6) months.
- d) Unless otherwise stated, all programmes are offered in full-time

a. MSc Biotechnology

Students applying for admission to the MSc or MPhil Biotechnology in the Department of Biochemistry and Biotechnology should have a minimum of BSc degree (at least second class lower division) in any of the fields listed below:

- i. Biochemistry, Biotechnology, Chemistry, Bachelor of Pharmacy, Doctor of Pharmacy, Biomedical Science, Herbal Medicine, Medical Laboratory Technology, Biological Sciences, Molecular Biology, Microbiology, Agricultural Science, Horticultural Science, Forestry, Animal Science, Doctor of Veterinary Medicine, Chemical Engineering, Renewable Natural Resources, and related fields
- ii. Students with little or no background in biological sciences would be expected to take selected undergraduate courses which should include at least two semesters of cell biology, plant and animal physiology,

genetics, and biophysics or analytical biochemistry as prerequisites and to remove other deficiencies.

b. MPhil Biochemistry

The candidate must have a minimum of BSc degree (**at least Second Class [Lower Division]**) in the fields listed below: Biochemistry, Biotechnology, Chemistry, Bachelor of Pharmacy, Doctor of Pharmacy, Biomedical Science, Food Science, Nutrition, Herbal Medicine, Medical Laboratory Technology, Biological Sciences, Molecular Biology, Microbiology, Agricultural Science or related disciplines. Applicants with no background in biological sciences will be required to enroll in selected undergraduate biology/biochemistry courses classes to make up for their deficiencies.

c. PhD Biotechnology

Applicants to the PhD Biotechnology programme must have a minimum of MPhil or equivalent from a recognized university in the fields of study listed below:

Biochemistry, Biotechnology, Chemistry, Biomedical Science, Herbal Medicine, Medical Laboratory Technology, Biological Sciences, Molecular Biology, Microbiology, Agricultural Science, Horticultural Science, Forestry, Animal Science, and related disciplines.

d. PhD Biochemistry

The course is intended for graduates with MPhil or equivalent in Biological Sciences, Biochemistry, Food Science, Nutrition, Medicine, Dietetics Nutrition, Herbal Medicine, Medical Laboratory Technology, or related disciplines.

e. MPhil Human Nutrition and Dietetics - Fee paying

Applicants with BSc degree (at least second class lower division) or equivalent in Biochemistry, Food Science, Animal Science, Nutrition, Nursing, Biological Sciences, Medicine, Pharmacy, Dietetics or related disciplines.

f. PhD Human Nutrition and Dietetics – Fee paying

- (a) A good first degree, at least second class lower division or equivalent in Nursing, Biological Sciences, Biochemistry, Food Science, Nutrition, Medicine, Dietetics, Home Economics
- (b) A good Masters degree in Nursing, Biological Sciences, Biochemistry, Food Science, Nutrition, Medicine, Dietetics.

2. Department of Food Science and Technology

A. MSc Food Science and Technology

- Candidates for admission shall be required to have a BSc (Hons) degree in Food Science, Nutrition, Biochemistry, Biology, Chemistry, Agricultural Science, Agricultural Engineering, Chemical Engineering and Natural Resources Management, and all other BSc equivalent courses.

B. MPhil Food Science and Technology:

Prospective candidates in the following disciplines are eligible to apply: BSc Food Science and Technology, BSc

Food Science and Nutrition, BSc Biochemistry, BSc Biology, BSc Agric, BSc Chemistry, BSc Agricultural Engineering, BSc Chemical Engineering and all other BSc equivalent courses. Some candidates may audit some courses in BSc Food Science and Technology alongside the Post graduate courses. Preference is given to candidates with First and Second class upper divisions in the up listed degrees

C. PhD Food Science and Technology

All prospective candidates in the following disciplines are eligible to apply: MPhil. Food Science and Technology, MPhil Food Science and Technology, MPhil Chemical Engineering or a suitable MPhil equivalent. Some candidates may have to pass an interview and/or audit some postgraduate course work as well. Thus, the admission shall be based on:

- Application with relevant qualification and Research Proposal
- Performance at interview

3. Department of Theoretical and Applied Biology

a. MPhil Environmental Science

Admission Requirements

The Environmental Science programme is open to candidates with First Class or Second Class (Upper/Lower) Division degrees or its equivalent from a recognized institution, in Biological Sciences, Chemistry, Physics, Mathematics, Engineering, Geography and Applied Sciences.

b. Entry requirements for admission to other MPhil programmes are as follows

At the time of application, applicants should possess a Bachelor's Degree or its equivalent from a recognized institution in the relevant field of study. Preference will be given to applicants with a First Class or Second Class (Upper/Lower) Division degrees. Applicants are encouraged to apply in any of the fields listed in (d) below.

c. Entry Requirements for admission into PhD programmes are as follows

Candidates applying for Doctor of Philosophy degree must have a Master's degree or its equivalent from a recognized institution and shall submit evidence of funding and demonstrate ability to undertake original research in any of the following fields: Parasitology, Ecology, Entomology, Plant/Animal Physiology, Microbiology, Plant Pathology, Reproductive Biology, Plant/Animal Systematics, Molecular Biology, Fish and Fisheries Science and Genetics

4. Department of Chemistry

i. MPhil Chemistry

Applicants should possess a Bachelor's Degree in Chemistry, Engineering or its equivalent from a recognized Institution in the relevant field of study. Preference will be given to applicants with a First Class, Second Class (Upper or Lower Division).

ii. MPhil Polymer Science and Technology

Graduates with first degrees in chemistry, physics, chemical engineering, materials science/engineering and related

science disciplines with at least second class (lower division) can be admitted into the programme. Graduates with a third class or pass degree can only be admitted into the programme if they have sufficient working experience and demonstrate the ability to pursue a higher degree.

iii. **PhD Chemistry**

Applicant must possess an MPhil or equivalent degree from a recognised university. The first degree of the applicant should not be lower than a second class upper division or its equivalent. An outline of a research proposal should accompany the application.

5. **Department of Physics**

a. **MPhil Geophysics** in the following areas of research:

- Oil and Gas Exploration
- Mineral and Groundwater Exploration
- Environmental Geophysics (Geotechnical/Foundation Studies, Pollution and Contamination Studies, Characterization of Wastes Disposal/Landfill Sites)
- Seismology and Earthquake Studies

Admission Requirements

A Second Class Lower Division degree or better in any of the following disciplines:

Physics or Engineering Physics, Geology, Any of the Engineering disciplines, Mathematics or Mathematics with Statistics

b. **PhD Geophysics** in the following areas of research:

Oil and Gas Exploration, Mineral and Groundwater Exploration, Environmental Geophysics, Seismology and Earthquake Studies

Admission Requirements

MPhil or equivalent in any of the disciplines in 'a' above.

c. **MPhil Materials Science** in the following areas of research:

Waste Recycling, Polymeric Materials, Plastic Processing, Zeolites and Zeolitic Materials, Advanced Ceramics for Medical Applications, Composite Materials

Admission Requirements

A second Class Lower Division degree or better in any of the following disciplines:

Physics or Engineering Physics, Materials or Chemical Engineering, Materials Science, Chemistry

d. **PhD Materials Science** in the following areas of research:

Waste Recycling, Polymeric Materials, Plastic Processing, Zeolites and Zeolitic Materials, Advanced Ceramics for Medical Applications, Composite Materials

Admission Requirements

MSc/MPhil in any of the disciplines in 'c' above.

e. **MPhil in Solid State Physics** in the following areas of research:

Thin Film Semiconducting Materials for Solar Cell Applications, Ferroelectric Materials, Renewable Energy Systems (Photovoltaics and Fuel Cells), Surface and Interfaces of Solid State Materials, Nanotechnology Computational Materials Science

Admission Requirements

A second Class Lower Division degree or better in any of the following disciplines:

Physics or Engineering Physics, Electrical/Electronic and Materials Engineering, Theoretical Physics, Chemistry, Materials Science

- f. **PhD Solid State Physics** in the following areas of research:

Thin Film Semiconducting Materials for Solar Cell Applications, Ferroelectric Materials, Renewable Energy Systems (Photovoltaics and Fuel Cells), Surface and Interfaces of Solid State Materials, Nanotechnology, Computational Materials Science.

Admission Requirements

MSc/MPhil in any of the disciplines in ‘e’ above.

- g. **MPhil Meteorology and Climate Science** in the following areas of research:

Meteorological Field Observation and validation Studies, Boundary Layer/Micrometeorology, Atmospheric Dynamical Processes, Seasonal and Nowcasting Weather Prediction, Climate Change Studies: Climate Modelling and Projection, Remote Sensing of the Atmosphere, Precipitation Processes, Impacts of Climate Variability and Change.

Admission Requirements

A second Class Lower Division degree or better in any of the following disciplines:

Physics, Mathematics, Meteorology and Climate Science, Chemistry, Geography with Advanced Mathematics.

- h. **PhD Meteorology and Climate Science** in the following areas of research:

Meteorological Field Observation and validation Studies, Boundary Layer/Micrometeorology, Atmospheric Dynamical Processes, Seasonal and Nowcasting Weather Prediction, Climate Change Studies: Climate Modelling and Projection, Remote Sensing of the Atmosphere, Precipitation Processes, Impacts of Climate Variability and Change.

Admission Requirements

MSc/MPhil in any of the disciplines in ‘g’ above.

- i. **MPhil Environmental Physics** in the following areas of research:

Hydro Pollution, Terrestrial Pollution, Atmospheric Pollution, Soil and Hydrological Modelling

Admission Requirements

A second Class Lower Division degree or better in any of the following disciplines:

Physics, Mathematics, Meteorology and Climate Science
Chemistry

- j. **PhD Environmental Physics** in the following areas of research:

Hydro Pollution, Terrestrial Pollution, Atmospheric Pollution, Soil and Hydrological Modelling

Admission Requirements

MPhil in: Meteorology and Climate Science, Atmospheric Physics, Environmental Physics, Geophysics

- k. **MPhil Nano Science and Technology** in the following areas of research: Core-Shell Nanoparticles, Graphene

Admission Requirements

A second Class Lower Division degree or better in any of the following disciplines:

Physics or Engineering Physics, Materials or Chemical Engineering, Chemistry, Biological Sciences

1. **MSc Petroleum Geophysics**; a professional career programme with strong focus in hydrocarbon (oil and gas) exploration.

Admission Requirements

A second Class Lower Division degree or better in any of the following disciplines:

Physics or Engineering Physics, Geology, any of the Engineering disciplines, Mathematics or Mathematics with Statistics, Chemistry

6. Department of Mathematics

(i) MPhil Pure Mathematics

Options (Research Areas)

Number Theory; Algebra; Topology and Analysis; Functional Analysis; Differential Geometry; Hyperbolic Geometry; Imaging, Fractional

(ii) MPhil Applied Mathematics

Options (Research Areas)

Modelling with Differential Equations; Mathematical Physics; Operations Research; Computational Mathematics; Mathematical Biology; Mathematical Sciences; Inverse

problem of integral equations; Reservoir Modelling; Imaging, Fractional Differential Equation, Revolutionary Algorithm Modeling

(iii) MPhil Mathematical Statistics

Options (Research Areas)

Stochastic Processes; Simple Sample Survey; Statistical Models; Time Series Analysis; Multivariate Analysis; Biostatistics; Design of Experiments; Non Parametric; Statistics; Statistical Influence; Probability Theory; Spatial Statistics

(iv) MPhil Actuarial Science

Options (Research Areas)

Financial Derivatives; Portfolio Theory; Econometrics of Financial Markets; Computational Finance; Risk Management ; Fixed Income Securities; Health Insurance; Re-Insurance; Pensions; Risk Theory; Statistical Tools for Insurance; Selection of Risk; Life Insurance; Non-Life Insurance; Actuarial Models for Micro Insurance; Non-Life Risk Models e.g. Fire and Floods; Health Insurance.

Admission Requirements

A prospective applicant must have a Bachelor degree in Mathematics/ Statistics /Actuarial Sciences. The Mathematics/ Statistics programme should have covered Analysis, Algebra, Differential Equations, Scientific Computing and Mathematical Statistics.

Equivalent Bachelor's degrees from other science and Engineering disciplines may be considered.

Qualified candidates will have oral and written interviews after which selected candidates would be recommended.

(v) PhD Pure Mathematics

Options (research Areas)

Functional Analysis; Differential Geometry; Algebra; Topology and Analysis; Number Theory.

(vi) PhD Applied Mathematics

Options (Research Areas)

Operations Research; Mathematics Physics; Mathematical Biology; Modelling with Differential Equations; Computational Mathematics; Mathematical Science; Inverse Problem of Integral Equation.

(vii) PhD Mathematical Statistics

Options (Research Areas)

Stochastic Processes; Simple Survey Theory; Statistical Models; Time Series Analysis; Multivariate Analysis; Categorical Data Analysis; Biostatistics; Design of Experiments; Non Parametric, Statistics, Probability, Distribution Theory, Generalized Linear Models, Spatial Statistics, Survival Analysis, Spatial Statistics, Design of Experiments; Survival Analysis Stochastic Processes, Time Series Analysis, Discrimination and Classification Theory; Non Parametric Statistics, Multivariate Analysis, Financial Times Series, Generalized Linear Models.

Admission Requirements

Candidates for a PhD in Mathematics/Statistics must hold an MPhil or equivalent degree in Mathematics/Statistics with a strong research background and must independently be able to

carry out original scientific research. Qualified applicants will be interviewed.

8. Department of Computer Science

a. MSc Computer Science

A first degree with at least Second Class (Lower Division) from an accredited university in any of the following areas: Computer Science, Computer Engineering, Software Engineering, Telecommunication Engineering, Computer Networking/Networks, Information Technology, Artificial Intelligence, Computer Science with Mathematics, Computer Technology, Computer Security, Computer Forensic, Computer Gaming, Mathematics.

b. MPhil Computer Science

A first degree with at least Second Class (Upper Division) from an accredited university in any of the areas in (a) above.

c. MSc Information Technology

A first degree with at least Second Class (Lower Division) from an accredited university in any of the following areas: Information Technology/Information Communication and Technology, Business Information Technology, Mathematics, Engineering, Computer Science, Computer Engineering, Software Engineering, Telecommunication Engineering, Computer Networking/Networks, Artificial Intelligence, Computer Science with Mathematics, Computer Technology, Computer Security, Computer Forensic, Computer Gaming, Mathematics with Computing, Physics

d. MPhil Information Technology

A first degree with at least Second Class (Upper Division) from an accredited university in any of the areas in (c) above.

PhD Computer Science

Applicants must have a research Masters degree from an accredited university in any of the following areas: Computer Science, Computer Engineering, Software Engineering, Telecommunication Engineering, Computer Networking/Networks, Artificial Intelligence, Computer Science with Mathematics, Computer Technology, Computer Security, Computer Forensic, Computer Gaming.

F. COLLEGE OF ENGINEERING

1. Department of Civil Engineering

A. MSc/MPhil Geotechnical Engineering

- a. A minimum of Second Class (Upper Division) degree or its equivalent in Civil Engineering, Geological Engineering, or any field of specialization relevant to the programme from a recognized University;
- b. Applicants with qualifications other than those specified in (a) above shall be interviewed by an admissions committee and, if necessary, may be required to take a written examination before admission;
- c. Applicants whose working language is not English must show that they have good command of both spoken and written English. Wherever necessary, arrangements will be made with the Department of Languages for the acquisition of the necessary English language skills prior to embarking on the course;

B. MSc/MPhil Road and Transportation Engineering

- Prospective students must hold a First Class or Second Class Honours (Upper Division) in BSc Civil Engineering with a minimum of two years working experience in the Road Transport Sector or First Class or Second Class Honours (Upper Division) in BSc Geomatic Engineering with a five years' minimum working experience also in the Road Transport Sector.

C. MSc/MPhil Water Resources Engineering and Management

- a. First and Second Class (Upper Division) in their first degree in Environmental Engineering, Agricultural Engineering, Civil Engineering, Geomatic Engineering, Natural Resources, Mathematics, Geology, Chemical Engineering and other relevant disciplines,
- b. Candidates from non-Anglophone countries must have an internationally recognised Certificate of Proficiency in the English Language (TOEFL or British Council, IELTS) with above average score.

D. MSc/MPhil Water Supply and Environmental Sanitation

- a. First or Second Class (Upper Division) in their first degree in Water and Sanitation, Environmental Engineering, Chemistry, Civil Engineering, Geomatic Engineering, Mathematics, Geology, Chemical Engineering and other relevant disciplines,
- b. Candidates from non-Anglophone countries must have an internationally recognized Certificate of Proficiency in the

English Language (TOEFL or British Council, IELTS) with above average score.

E. MSc / MPhil Structural Engineering

- a. Prospective students must hold a First Class or Second Class Honours (Upper Division) in BSc Civil Engineering from a recognized University or Tertiary Institution.
- b. Admission may be offered to applicants with Second Class Lower degree provided they have considerable relevant professional experience. A candidate who does not satisfy the above requirements but is otherwise adjudged suitable by the departmental board shall, where applicable be interviewed for admission. An applicant who has a postgraduate diploma with substantial professional experience may be considered for admission on the recommendation of the departmental board.

PhD Programmes

A. PhD in Water Resources Engineering and Management

- a. First or Second Class (Upper Division) in their first degree.
- b. MPhil degree in Water Resources Engineering and Management, Agricultural Engineering (Soil and Water Engineering option), Civil Engineering (Water Resources/Hydrology option), Geomatic Engineering, Natural Resources, Mathematics, Geography, and other relevant disciplines, with an average of at least 60%. Submit academic transcripts.
- c. Candidates from non-Anglophone countries must have an internationally recognized Certificate of Proficiency in the English Language (TOEFL or British Council, IELTS) with above average score.

- d. Candidates with some publications in a journal as first author have an advantage.
- e. Evidence of current and previous employments.

B. PhD in Environmental Engineering

- a. First or Second Class (Upper Division) in their first degree.
- b. MPhil degree in Water and Sanitation, Environmental Engineering, Civil Engineering (Water Supply and Sanitation Option), Chemical Engineering and other relevant disciplines, with an average of at least 60 percent. Submit academic transcripts.
- c. Candidates from non-Anglophone countries must have an internationally recognized Certificate of Proficiency in the English Language (TOEFL or British Council, IELTS) with above average score.
- d. Candidates with some publications in a journal as first author have an advantage.
- e. Evidence of current and previous employments.

C. PhD in Structural Engineering

- a. First or Second Class (Upper Division) in their first degree.
- b. MPhil degree in Structural Engineering and other relevant disciplines, with an average of at least 60 percent. Submit academic transcripts.
- c. Candidates from non-Anglophone countries must have an internationally recognized Certificate of Proficiency in the English Language (TOEFL or British Council, IELTS) with above average score.
- d. Candidates with some publications in a journal as first author have an advantage.

- e. Evidence of current and previous employments.

D. PhD in Geotechnical Engineering

- a. First or Second Class (Upper Division) in their first degree in Civil Engineering, Geological Engineering.
- b. MPhil degree in Geotechnical Engineering, Geological Engineering and other relevant disciplines, with an average of at least 60 percent. Submit academic transcripts.
- c. Candidates from non-Anglophone countries must have an internationally recognized Certificate of Proficiency in the English Language (TOEFL or British Council, IELTS) with above average score.
- d. Candidates with some publications in a journal as first author have an advantage.
- e. Evidence of current and previous employments.

E. PhD in Highway and Transportation Engineering

- a. First or Second Class (Upper Division) in their first degree in Civil Engineering, Geomatic Engineering and other relevant areas.
- b. MPhil degree in Road and Transportation Engineering, Highway Engineering and other relevant disciplines, with an average of at least 60 percent. Submit academic transcripts.
- c. Candidates from non-Anglophone countries must have an internationally recognized Certificate of Proficiency in the English Language (TOEFL or British Council, IELTS) with above average score.
- d. Candidates with some publications in a journal as first author have an advantage.
- e. Evidence of current and previous employments.

2. Department of Geomatic Engineering

a) MPhil/MSc Geomatic Engineering

- i. Applicants with a minimum of Second Class (Lower) Division degree or its equivalent from a recognized University in any of the following areas:
 - BSc Engineering
 - BSc Mathematics
 - BSc Physics
- ii. All applicants will be required to attend an interview before final admission.

b) PhD Geomatic Engineering

- i. Applicants with MPhil or equivalent in Geomatic Engineering or its equivalent must submit proposals of their research areas.
- ii. All applicants will be required to attend selection interview to determine their preparedness or otherwise for the programme.

3. Department of Electrical/Electronic Engineering

i) MPhil Telecommunications Engineering

- Applicants must have a good honours degree (First Class or Second Class Upper) in Telecommunication Engineering, Electrical and Electronic Engineering or their equivalent from a recognized University.
- All other applicants who do not satisfy (i) above may be accepted subject to passing a written examination or an oral interview.

ii) **PhD Telecommunication Engineering**

Applicants must have a good MPhil in Telecommunications Engineering or its equivalent from a recognized University.

iii) **PhD Electrical Engineering**

Applicants must have a good first degree (First Class or Second Class Upper) and in addition an MPhil in the relevant areas in Electrical Engineering or its equivalent from a recognized University.

4. **Department of Computer Engineering**

MPhil - Computer Engineering

PhD - Computer Engineering

Admission Requirements

MPhil: A good first degree in Computer, Electrical or Telecommunication Engineering, candidates who do not hold First Class or Second (Upper) Honours degree may be accepted subject to passing an interview.

PhD: Candidates shall hold a masters degree or its equivalent in Computer, Electrical or Telecommunication Engineering. Candidates with MPhil or equivalent degree in Computer Science may be accepted on condition that they take courses in basic engineering at the undergraduate level.

5. **Department of Chemical Engineering**

(i) **MSc/ MPhil**

- Applicants must possess a BSc Degree (First Class or Second Class Upper Division) in either Chemical Engineering or other engineering/science disciplines. Candidates with BSc Second Class Lower Division in Chemical Engineering and at least three years relevant experience will also be considered.
- All applicants will be required to pass an oral interview and demonstrate the ability to fund or prove the source of funds for the research.
- Applicants for the MPhil programme are also required to submit a synopsis of their research proposal, stating clearly the member(s) of staff willing to supervise the research.

(ii) **PhD**

- Applicants must possess an MPhil degree from a recognized University. The first degree of the applicant should be First Class or Second Class (Upper Division) or its equivalent in Chemical Engineering or in a related field.
- Applicants are required to submit a synopsis of their research proposal.
- All applicants are required to pass an oral interview and demonstrate the ability to fund or prove the source of funds for the research.

6. **Department of Materials Engineering**

1. **MPhil Environmental Resources Management**

Duration of Programme:

(a) The programme is run in six modules (consisting of four modules of taught courses and two modules of project work,

seminar and field work) lasting 24 months for regular students and 36 months for part-time students.

(b) There are 12-sub modules that constitute the taught modules and each sub module is normally run for a duration of 3 weeks (including a period for examination). This arrangement is to enable people from industry to participate in the programme.

(c) Part-time students would be required to register for a minimum of two sub modules per semester.

(d) A minimum of one year will be devoted to project and fieldwork.

Admission Requirements

(a) First Class or Second Class (Upper Division) degree or its equivalent in mineral processing, engineering, material science and engineering, architecture, agriculture, renewable natural resources and any physical sciences and related programme.

(b) All applicants will be interviewed before admission

2. MSc Environmental Resources Management

Duration of Programme:

(a) The programme is run in six modules (consisting of four modules of taught courses and a module of project work) lasting 18 months.

(b) There are 12 sub-modules that constitute the taught modules and each sub module is normally run for a duration of 3 weeks (including a period for examination). This arrangement is to enable people from industry to participate in the programme.

Admission Requirements

(a) First Class or Second Class (Upper Division) degree or its equivalent in mineral processing, engineering, material science and engineering, architecture, agriculture, renewable natural resources and any physical sciences and related programme.

(b) All applicants will be interviewed before admission.

3. MSc/MPhil/PhD Materials Engineering

Duration of Programme:

(a) The MSc. programme is made up of 12 months of taught courses and 6 months research. The MPhil programme also requires 12 months of taught courses with a minimum of 12 months research.

(b) Students admitted for the PhD degree will be required to take graduate classes in courses where the Departmental Board finds them to be deficient. The programme duration is 48 months.

Admission Requirements

a. First Class or Second Class (Upper Division) degree or its equivalent in mineral processing, engineering, material science and engineering, architecture, agriculture, renewable natural resources and any physical sciences and related programme.

b. All applicants will be interviewed before admission

7. Department of Agricultural and Biosystems Engineering

MSc / MPhil

- MPhil Agricultural Machinery Engineering
- MPhil Agro-Environmental Engineering

- MPhil Bioengineering
- MPhil Food and Post-Harvest Engineering
- MPhil Soil and Water Engineering
- MSc Agricultural Machinery Engineering
- MSc Agro-Environmental Engineering
- MSc Bioengineering
- MSc Food and Post-Harvest Engineering
- MSc Soil and Water Engineering

Admission Requirements

Candidates with:

- i. BSc in Agricultural Engineering and with First Class and Second Class (Upper and Lower Division).
- ii. BSc Agricultural Science/BSc Food Science Technology/BSc Postharvest Technology and with a minimum of Second Class Lower Division and a minimum of two years relevant post qualification working experience.
- iii. Other relevant engineering programmes.
- iv. In addition, candidates must pass a selection interview.

PhD Courses

- PhD Agricultural Machinery Engineering
- PhD Agricultural Engineering
- PhD Agro-Environmental Engineering
- PhD Bioengineering
- PhD Food and Post-Harvest Engineering
- PhD Soil and Water Engineering

Admission Requirements

Candidates with MSc/MPhil degree in the relevant specialisation from a recognised university. Candidates may

gain direct entry or undergo an interview prior to admission into the programme.

8. Department of Mechanical Engineering

MSc/MPhil Mechanical Engineering Programme Programme Specialisation Options

MSc/MPhil students are required to specialise in one of the following options:

- i. Applied Mechanics
- ii. Design and Manufacturing
- iii. Thermo-fluids and Energy Systems Engineering

Admission Requirements

- A student with a first degree in Mechanical Engineering or related disciplines from a recognised University, with a minimum of Second Class Upper Division will be admitted onto the master's programme.
- A candidate with a Second Class Lower Division in Mechanical Engineering or related disciplines may be admitted.

PhD Mechanical Engineering Programme

Programme Specialisation Options

PhD students are required to specialise in one of the following options:

- i. Applied Mechanics
- ii. Design and Manufacturing
- iii. Thermo-fluids and Energy Systems Engineering

Admission Requirements

- i. A candidate with a good MPhil degree in Mechanical Engineering or related discipline from a recognised University.
- ii. And a good research proposal with a maximum of one thousand words.

MSc RETs (Masters in Renewable Energy Technologies)

Admission Requirements

- A first degree in Engineering or Science from a recognised University with a First Class or Second Class (Upper or Lower) Division.
- Some experience in Energy/Renewable Energy Industry.

Tuition

Tuition is by online delivery with limited face to face sessions for examinations and laboratory sessions.

9. Department of Geological Engineering

1. MSc Geophysical Engineering

- a. Either (i) a First Class or Second Class (Upper Division) BSc degree or its equivalent in Geological Engineering, Civil Engineering, Mining Engineering, Petroleum Engineering, Geophysics, Physics, Geology, Earth Science, Agricultural Engineering or any field of specialization relevant to the programme from a recognized University or a Second Class (Lower Division), with at least, three (3) years of relevant experience.
- b. Applicants with degrees in other engineering/science disciplines (e.g. Agriculture Science, Mathematics, Electrical Engineering, etc.) may be required to take

prerequisite courses to make up for deficiencies in undergraduate geological sciences.

- c. Non-English speaking applicants may be required to take lessons from the Department of English to acquire the necessary English proficiency prior to the start of the programme.

2. MPhil Geological Engineering

- a. Either (i) a First Class or Second Class (Upper Division) BSc degree or its equivalent in Geological Engineering, Geology or any earth science related field from a recognized University, or
- b. Second Class (Lower Division) BSc degree or its equivalent in Geological Engineering, Geology or any earth science related field from a recognized University with, at least, three (3) years of relevant experience.

3. PhD Geological Engineering

- a) A Master's degree or its equivalent in Geology, Geological Engineering or any earth science related field from a recognised institution, and
- b) Evidence of adequate training and ability to undertake a proposed research.

ENQUIRIES

For further enquiries you may contact

**THE SECRETARY
SCHOOL OF GRADUATE STUDIES
KNUST
KUMASI**

Or call 0201332816 / 0201332812

NOTE:

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