

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

**ADMISSION OF CANDIDATES TO RESEARCH OR
HIGHER DEGREE PROGRAMMES FOR 2018/2019
ACADEMIC YEAR**

Applications are invited from suitably qualified candidates for admission to research and higher degree programmes (MSc/MFA/MA/MCOMM/MBA/EMBA/MPA/MPH/LLM/MPHARM/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, 2018.**

- i. 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://apps.knust.edu.gh/admissions/> 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 Friday, 29th June, 2018.

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 in:

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

Admission Requirements

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.

PhD in:

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

Admission Requirements

Candidates applying for Doctor of Philosophy degree must have a Master's degree or its equivalent in Agriculture or related disciplines from KNUST or any recognized 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 conducted by the Departmental Board.

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 and Management)
6. PhD Agronomy
7. PhD Crop Physiology
8. PhD Forage Production and 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)
5. PhD Plant Pathology
6. PhD Plant Entomology
7. PhD Nematology
8. PhD Plant Virology

Soil Science Programmes

1. MPhil Soil Science
2. PhD Soil Science

Plant Breeding Programmes

1. MPhil Plant Breeding
2. PhD Plant Breeding

3. Department of Horticulture

1. MPhil Seed Science and Technology
2. MPhil Postharvest Technology
3. MPhil Vegetable Crops Production

4. MPhil Fruit Crops
5. MPhil Landscape Studies
6. MPhil Floriculture
7. PhD Landscape Studies
8. PhD Postharvest Physiology
9. PhD Postharvest Technology
10. PhD Vegetable Crops Production
11. PhD Seed Science and Technology
12. 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.

1. Department of Horticulture

13. MPhil Landscape Studies
14. MPhil Floriculture

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.

4. Department of Agricultural Economics, Agribusiness and Extension

a. MPhil Agricultural Economics

The programme accepts applicants with at least a Bachelor of Science (BSc) or Bachelor of Arts (BA) Second Class (upper division) or its equivalent in Agriculture, Agricultural Economics, Economics or other related disciplines from a recognized University. Candidates must pass a selection interview to be conducted by the Department and demonstrate their ability to pay the required fees.

b. PhD Agricultural Economics

MSc/MPhil degree in Agriculture 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 and demonstrate their ability to pay required fees. Candidates may be required to take relevant courses from the MPhil Agricultural Economics programme as prescribed by the Departmental Board.

c. MSc Agribusiness Management

The programme accepts first degree holders with a minimum of Second Class (Upper Division) in Agribusiness Management, Business Administration, Agriculture and relevant subject areas from an approved University or Institution of Higher Learning. Relevant academic, administrative or field experience will be an advantage but

not a prerequisite. Applicants must have a thorough proficiency in written and spoken English. Candidates must pass a selection interview to be conducted by the Department and demonstrate their ability to pay required fees.

d. MPhil Agribusiness Management

The programme accepts first degree holders with a minimum of Second Class (Upper Division) in Agribusiness Management, Agriculture and relevant subject areas from an approved University or Institution of Higher Learning. Several years of relevant academic, administrative or field experience will be an advantage but not a prerequisite. Applicants must have a thorough proficiency in written and spoken English. Candidates must pass a selection interview to be conducted by the Department and demonstrate their ability to pay required fees.

e. PhD Agribusiness Management

The programme accepts MPhil degree holders in Agribusiness Management from KNUST or equivalent qualifications from approved Universities or Institutions of Higher Learning. Applicants must have proficiency in written and spoken English. Candidates must pass a selection interview to be conducted by the Department and demonstrate their ability to pay the required fees. Other MSc/MPhil or equivalent degree holders in relevant subject areas (Agriculture, Natural Resource Management, Rural Development, Economics, Development Planning, Development Studies) from an approved University or Institution of Higher Learning may be required to take relevant courses from the MSc/MPhil Agribusiness programme as prescribed by the Departmental Board.

f. MSc/MPhil Agricultural Extension and Development Communication

The programme accepts first degree holders with a minimum of Second Class (Lower Division) in Agriculture or relevant subject areas (Natural Resources Management, Rural Development, Development Planning, Development Studies, Environmental Management, Sociology, Psychology) from an approved University or Institution of Higher Learning. Relevant academic, administrative or field experience will be an advantage but not a prerequisite. Applicants must have proficiency in written and spoken English. Candidates must pass a selection interview to be conducted by the Department and demonstrate their ability to pay required fees.

g. PhD Agricultural Extension and Development Communication

The programme will admit MPhil degree holders in Agricultural Extension and Development Communication from KNUST or equivalent qualification from approved Universities or Institutions of Higher Learning. Applicants must have proficiency in written and spoken English. Candidates must pass a selection interview to be conducted by the Department and demonstrate their ability to pay required fees. Other MPhil or equivalent degree holders in relevant subject areas (Agriculture, Natural Resources Management, Rural Development, Development Planning, Development Studies, Environmental Management, Sociology, Psychology) from an approved University or Institution of Higher Learning may be required to take relevant courses from the MSc/MPhil programmes as prescribed by the Departmental Board.

h. MPhil Sustainable and Integrated Rural Development In Africa

Candidates must possess good first degree (minimum of Second Class Upper or equivalent qualification) in Sustainable and Rural Development, Natural Resources 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. Candidates must pass a selection interview to be conducted by the Department and demonstrate their ability to pay required fees.

FACULTY OF RENEWABLE NATURAL RESOURCES

1. Department of Wildlife and Range Management

a. MPhil Wildlife and Range Management

Applicants should have a Bachelor of Science degree, minimum Second Class (Lower Division) or equivalent from an accredited university in a discipline related to the course, preferably combined with relevant working experience. Candidates must also attend and pass an interview session in the Department.

b. MSc Geo-Information Science for Natural Resources Management (GISNATUREM)

Regular

Applicants should have a Bachelor of Science, minimum Second Class (Lower Division) or equivalent from an accredited university in a discipline related to the course, preferably combined with relevant working experience. Candidates must also attend and pass an interview session in the Department.

Joint Programme (18 months in KNUST-Ghana and 6 months in ITC, University of Twente (UT)-Netherlands)

Applicants should have a Bachelor of Science degree, minimum Second Class (Lower Division) or equivalent from an accredited university in a discipline related to the course, preferably combined with relevant working experience. Candidates must also attend and pass an interview session in the Department.

Candidates must apply for admission from both institutions (KNUST and ITC, UT). Applicants seeking admission could

also apply to the Netherlands Fellowship Programme (NFP) for financial support.

c. PhD Wildlife and Range Management

The PhD applicant must hold a Master's Degree in Wildlife and Range Management, Forestry, Natural Resources Management and other related disciplines, preferably combined with relevant working experience. Candidates must also attend and pass an interview session in the Department.

2. Department of Silviculture and Forest Management

a. MPhil Natural Resources and Environmental Governance

Admission Requirements

A bachelor's 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 Division) and some work experience may be admitted after an interview.

b. MPhil Silviculture and Forest Management

Admission Requirements

A bachelor's degree, First Class or Second Class (Upper Division) in Natural Resource Management, Agriculture or Natural Sciences.

c. PhD Silviculture and Forest Management

Admission Requirements

Holders of a good Master's degree in Natural Resource Management, Environmental Management, Agriculture, Land Economy, Law, Business, Social or Natural Sciences. Applicants will have to pass an interview conducted by the Department Board.

3. Department of Agroforestry

a. 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.

b. 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

MPhil / PhD – Wood Science and Technology / Wood Technology / Timber Engineering / Furniture Design.

a. MPhil Admission Requirements

First Class or Good Second Class Degree in the Sciences, Natural Resources, Wood Science/Technology, Engineering and other related Programmes.

b. PhD Admission Requirements

MSc/MPhil (Wood Science, Wood Technology, Civil Engineering and Production Option) and any related MSc/MPhil in Science or Engineering.

5. Department of Fisheries and Watershed Management

1. MPhil Aquaculture

2. MPhil Aquaculture and Environment
3. MPhil Aquatic Resources Management
4. MPhil Fisheries Management
5. MPhil Watershed Management
6. PhD Aquaculture
7. PhD Aquaculture and Environment
8. PhD Aquatic Resources Management
9. PhD Fisheries Management
10. PhD Watershed Management

Admission Requirements

MPhil

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 or must demonstrate considerable experience in research in the relevant field. Preferred disciplines are in Fisheries, Aquaculture, Biological Sciences or relevant aspects of Agriculture.

PhD

MSc or MPhil degrees in relevant disciplines from a recognized University

B. COLLEGE OF HUMANITIES AND SOCIAL SCIENCES

FACULTY OF LAW

Master of Laws (LLM) Degree Programme

Admission Requirements

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

Applicants who do not satisfy the requirement stated above but hold LLB degree with Second Class (Lower Division) from a recognized university and have 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:

1. MSc Economics
2. MSc Economics (Money, Banking and Finance)
3. MSc Economics (Energy and Resource Economics)
4. MSc Economics (Health Economics)

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 Resources 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. 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, statistics and mathematics will be an added advantage. Admission is subject to passing an interview.

2. Department of Modern Languages

1. MPhil French (Literature and Society)
2. MPhil French (Applied Linguistics)
3. MPhil French (Translation and Interpreting)
4. MPhil Teaching of French as a Foreign Language
5. MPhil French for Specific Purposes
6. PhD French (Literature and Society)
7. PhD French (Applied Linguistics)
8. PhD French (Translation and Interpreting)
9. PhD Teaching of French as a Foreign Language
10. PhD French for Specific Purposes

MPhil

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

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

a. MPhil in English

Applicants seeking admission to the Master of Philosophy (MPhil) programme in English should have graduated with an English major, with at least Second Class (Upper Division). Candidates with Second Class Lower Division have to pass both written examination and an interview.

b. PhD (Literature)

Admission Requirements

Candidates must have an MA/MPhil degree in English from a recognized institution or an equivalent degree accepted by the Academic Board.

4. Department of Geography and Rural Development

a. 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.

b. PhD Geography and Rural Development

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 (One Year)– Candidates 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 – Candidates 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 candidates with 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.

c. PhD – Candidates must have obtained an MPhil degree in either Religious Studies or Theology from a recognised University or accredited Theological Seminary/Institution.

6. Department of Sociology and Social Work

MA/MPhil Sociology

Admission Requirements

- a. A good first degree in Sociology or Social Work with at least Second Class (Lower Division) or better from a recognized University.
- b. A Postgraduate Diploma in the Humanities from an Accredited University with at least two years working experience.
- c. All applicants must pass a selection interview.

7. Department of History and Political Studies

a. MPhil - Political Science

Admission Requirements

- 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.
- Applicants with other disciplinary backgrounds could be considered.
- Holders of Second Class (Lower Division) could be considered if they have at least two years work experience.
- International applicants must, in general, meet the requirements above and also demonstrate proficiency in English as the medium of classroom instruction.
- The final requirement for admission is an entry examination and a departmental interview to determine applicants' suitability for the programme.

b. MPhil Historical Studies

Admission Requirements

- Applicants must have a good first degree (at least Second Class Upper Division) or its equivalent in History or in a relevant field of study from an accredited institution in Ghana.
- The final requirement for admission is an entry examination and a departmental interview to determine applicants' suitability for the programme.
- Applicants can show evidence of a minimum of two years working experience.

c. Master of Public Administration (MPA)

Admission Requirements

- Applicants to the MPA programme must have a good Bachelor of Arts or Science degree with Second Class (Upper Division).

- Holders of Second Class (Lower Division) could be considered if they have at least two years work experience.
- International applicants must, in general, meet the requirements above and also demonstrate proficiency in English as the medium of classroom instruction.
- The final requirement for admission is an entry examination and a departmental interview to determine applicants' suitability for the programme.

8. KNUST SCHOOL OF BUSINESS (KSB)

a. Master of Business Administration (MBA) Day/Evening/Weekend

1. *Accounting*
2. *Finance*
3. *Marketing*
4. *Strategic Management and Consulting*
5. *Human Resource Management*
6. *Management and Organizational Development*
7. *Logistics and Supply Chain Management*
8. *Management Information Systems (MIS)*

Admission Requirements

- 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.
- 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.
- All candidates must demonstrate their ability to pay all approved programme fees for the duration of study.

Master of Science (MSc)

9. *MSc Marketing*

- 10. *MSc Logistics and Supply Chain Management*
- 11. *MSc Management and Human Resource Strategy*
- 12. *MSc Accounting*
- 13. *MSc Finance*

Admission Requirements

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

b. Master of Philosophy (MPhil) in Business Administration

- All areas of specialization

Admission Requirements

- All candidates must possess an Honours Degree with a minimum of Second Class (Lower Division) from a recognized University or institution of higher learning.
- All candidates must attend and pass interview sessions conducted by the Departments.
- 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. Candidates shall hold Master's degree (MSc in relevant Business Administration subject area or MBA) from a recognized University or institution of higher learning.
- b. 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, have a minimum CWA of 70 to proceed to MPhil in the second year [else the candidate would be terminating with Master of Science (MSc) in the relevant Business Administration subject area].

PhD

- PhD in Organizational Leadership
- PhD in Business and Management (all areas of concentration/specialization)

Admission Requirements

Candidates who possess MPhil degree qualifications in the relevant subject areas related to business and management (e.g., Accounting, Marketing, Strategic Management, Human Resource Management or Logistics and Supply Chain Management) from a recognized University or institution of higher learning.

MPhil/PhD

Specific Requirements

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

Holders of Master's Degree (MSc/MA/MBA)

Candidates holding Master's degree in relevant subject areas (e.g. MSc/MA/MBA, etc. in Business Administration) from a recognized University or institution of higher learning.

14. MSc in Corporate Governance and Strategic Leadership Programme

Duration

Full time (One Year), Part-time (Two Years)

This programme will be delivered on weekends through the modular system at the K-AISWAM Campus, East Legon.

Admission Requirements

- Applicants must possess an Honours Degree from a recognized University or Institution of Higher Learning.
- Applicants with Postgraduate Diploma in Corporate Governance and Strategic Leadership shall be given exemptions or credits up to the number of courses they have already taken
- Applicants with postgraduate Certificate in either Corporate Governance or Strategic Leadership or both shall be given exemptions or credits up to the number of courses they have already taken
- Applicants with certificates in any of the courses under the MSc in Corporate Governance and Strategic Leadership programme from KNUST shall be given exemptions up to the number of courses already taken.

CENTRE FOR CULTURAL AND AFRICAN STUDIES (CeCAST)

- a. MPhil Chieftaincy and Traditional Leadership Studies.
- b. MA Chieftaincy and Traditional Leadership Studies.
- c. Postgraduate Diploma in Chieftaincy and Traditional Leadership Studies.
- d. Postgraduate Certificate in Chieftaincy and Traditional Leadership Studies.
- e. Certificate of Participation in Chieftaincy and Traditional Leadership Studies.

Target Group

The Programmes target chiefs and practitioners in various sectors who need to upgrade their competency skills to be able to effectively deliver on their mandates and resolve challenges in their institutions.

Duration and Entry Requirements

- The Master of Philosophy is a modular programme of two years' duration and divided into four modules. Participants/Students may therefore enroll on the programme and terminate their studies after completing one or two modules and obtain a certificate of participation or may continue to complete all four modules and obtain a Master of Philosophy degree.
- Participants who wish to obtain a Postgraduate Diploma, a Master of Art or Master of Philosophy degree must be holders of a good bachelors degree (First Class or Second Class (Upper Division) or their equivalent)) in Engineering, Science, Health and the Humanities.
- Applicants with Second Class Lower Division with some work experience may be admitted. Applicants who wish to earn only certificates of participation may be admitted with higher school certificate. All applicants will be admitted upon passing an interview.

C. COLLEGE OF ART AND BUILT ENVIRONMENT

1. Department of Architecture

- a. MSc Architecture - (Two Years)
- b. MSc Architecture - One (1) Year Top-up
- c. MArch (Master of Architecture)
- d. PhD Architecture

- MSc Architecture (Two Years)

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

Applicants 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.

Applicants 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.

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

- MArch (Master of Architecture) -Two Years

This programme is for students with a first degree in Architecture from any recognizable institution. Applicants are chosen by set criteria based on detailed results at the undergraduate levels.

- a. Applicants 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.
- 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.

- PhD Architecture

This programme is open to MPhil, MArch, MSc Architecture, Master of Arts graduates and Postgraduate Diploma in Architecture holders following initial registration on an MPhil Architecture programme. Research in the fields of Engineering, Sciences or Humanities with connection to Architecture is admissible, subject to approval by the Departmental Board.

Applicants must:

1. Demonstrate sufficient ability and interest to undertake the programme.
2. Attend an interview session and pass the interview before admission.
3. Submit a coherent and sustainable research proposal with workable programme/time table.

2. Department of Building Technology

a. MSc Construction Management

- Applicants must 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 PGD Architecture.
- Applicants with Architecture background should have obtained a PGD or MSc in Architecture or qualification in Architecture which is registerable.
- Candidates must have a minimum of two years relevant industrial or research experience
- Candidates must attend an interview session and pass the interview before admission.

b. MPhil Construction Management

- Applicants must hold a Bachelor's degree (with a minimum of 2nd Class Lower Division) in Building Technology, Postgraduate diploma (PGD) in Architecture, Construction Technology and Management, Quantity Surveying and Construction Economics and Civil Engineering.
- Applicants with Architecture background should have obtained a PGD or MSc in Architecture or qualification in Architecture with is registerable.
- 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 construction industry and is acceptable to the Department.

- Candidates will be admitted in the MSc Construction Management programme in the first year before being promoted to the second year after a satisfactory performance.

c. MSc Procurement Management

- Applicants must hold a Bachelor's degree (with a minimum of 2nd Class Lower Division) in **ANY** field/discipline.
- Candidates must attend an interview session and pass the interview before admission.

d. MPhil Procurement Management

- Applicants must hold a Bachelor's degree (with a minimum of 2nd Class Lower Division) in **ANY** field/discipline.
- 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 construction industry and is acceptable to the Department.
- Candidates will be admitted in the MSc Procurement Management programme in the first year before being promoted to the second year after a satisfactory performance.

e. MSc Project Management

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

f. MPhil Project Management

- Applicants must hold a Bachelor's degree (with a minimum of 2nd Class Lower Division) in **ANY** field/discipline.

- Applicants must have a minimum of **two years** relevant industrial or research experience
- Candidates must attend an interview session and pass the interview before admission.
- Submit a researchable thesis proposal and workable programme which are acceptable to the Department.
- Candidates will be admitted in the MSc Project Management programme in the first year before being promoted to the second year after a satisfactory performance.

g. PhD Construction Management

- Candidates shall hold a Master's degree or its equivalent from a recognized institution in Architecture, Building Technology, Quantity Surveying and Construction Technology and management, and Civil Engineering.
- Candidates with two-year Master's degree in Construction Management are admissible.
- Candidates shall demonstrate sufficient ability to undertake the programme
- Candidates must have a minimum of two years relevant industrial or research experience
- Candidates must attend an interview session and pass the interview before admission
- Candidates must submit a sustainable research proposal and workable programme.

h. PhD Building Technology

- Candidates shall hold a Master's degree or its equivalent from a recognized institution in Architecture, Building Technology, Quantity Surveying and Construction Technology and management, and Civil Engineering.
- Candidates with two-year Master's degree in Construction Management are admissible.
- Candidates shall demonstrate sufficient ability to undertake the programme

- Candidates must have a minimum of **two years** relevant industrial or research experience
- Candidates must attend an interview session and pass the interview before admission
- Candidates must submit a sustainable research proposal and workable programme.

i. PhD Procurement Management

- Candidates shall hold MPhil/Master's degree or its equivalent from a recognized institution in Logistics and Supply Chain Management and Procurement Management.
- A minimum of two (2) years relevant industrial or research experience.
- Admission to the Programme will be preceded by an interview and a submission of a sustainable proposal and workable programme that fit into the construction industry and is acceptable to the Department.

3. Department of Planning

1. MSc Development Planning and Management (Spring Regular)

2. MSc (Development Planning and Management (Spring Weekend Programme))

- The SPRING programme is open to Planners, Managers, Administrators and other professionals, with a Bachelor's Degree in the Second Class Upper Division and above or its equivalent from recognized institutions in relevant programmes including the following:
Planning, Development Studies, Integrated Development Studies, Geography, Environmental Studies Social Studies, Sociology, Land Economy, Agriculture, Renewable Natural Resources, Economics, Civil Engineering, Business and Public Administration, and any other relevant programmes
- Candidates with Second Class Lower Division in the relevant programmes 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.

- Candidates who are currently working or those actively seeking for employment are expected to apply for the two-year SPRING Weekend Programme, which is *run on Saturdays and Sundays*. Upon admission, students enrolled in the SPRING Weekend programmes are required to pay WEEKEND fee of GHC 6,000 per year (subject to a review) to the Department in addition to other university charges. The fees for the SPRING (Regular) programme will be assessed in due course.

3. MSc Development Policy and Planning (DEPP – Regular Programme)

4. MSc Development Policy and Planning (DEPP – Weekend Programme)

- A Bachelor's Degree in the Second Class Upper Division and above or its equivalent from a recognized institutions in relevant programmes including the following:
Planning, Development Studies, Integrated Development Studies, Geography, Environmental Studies Social Studies, Sociology Land Economy, Agriculture, Renewable Natural Resources, Economics, Civil Engineering, Business and Public Administration, and 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 two-year MSc (DEPP) Weekend programme, which is *run on Saturdays / Sundays*, provides the flexibility for applicants who may be currently working and those who are actively seeking for jobs. Upon admission,

students enrolled in the DEPP Weekend Programme are required to pay WEEKEND fee of GH¢ 6, 000 per year to the Department (subject to a review), in addition to other university charges.

- The fees for the DEPP (Regular) programme will be assessed in due course.

5. MPhil Development Studies (Regular)

- This two-year full time programme is 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:
Planning, Development Studies, Integrated Development Studies, Geography, Environmental Studies Social Studies, Sociology Land Economy, Agriculture, Renewable Natural Resources, Economics, Civil Engineering, Business and Public Administration, and any other relevant programmes
- 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 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.

6. MPhil Planning (Regular)

- This two-year full-time programme are opened 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.*

7. PhD Development Studies (Full/Part Time)

- 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 programme:
Planning, Development Studies, Integrated Development Studies, Geography, Environmental Studies Social Studies, Sociology Land Economy, Agriculture, Renewable Natural Resources, Economics, Civil Engineering and 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.

- **Candidates who did not write a thesis at the Master's level need not apply**
- Upon admission, all candidates are expected to pay an annual research support fee (subject to annual review) to the Department of Planning, aside any other university fees. 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 the additional research support fee to the Department of Planning, aside any additional fees assessed by the School of Graduate Studies

8. PhD Planning (Full/Part Time)

- Applicants must hold a good master's degree in the following:
MPhil Planning, MSc Development Planning and Management (SPRING), MSc in Development Policy and Planning (DEPP) and any other Master's degree in Planning from a recognized university which is acceptable to the Departmental Board (Department of Planning).
- 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**
- Upon admission, all candidates are expected to pay an annual research support fee (subject to annual review) to the Department of Planning, aside any other university fees.
- 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 the additional research support fee to the Department of Planning, aside any additional fees assessed by the School of Graduate Studies

4. Department of Planning in Collaboration with Department of Civil Engineering

Master of Science (MSc) in Transportation Planning

- The MSc. Transportation Planning programme is an inter-collegiate programme developed jointly by the Department of Planning (College of Art and Built Environment) and the Department of Civil Engineering (College of Engineering) with support from École Polytechnique Fédérale de Laussane (EPFL), Switzerland. The introduction of the programme forms part of the Ghana Urban Mobility and Accessibility Project (GUMAP) of the Ministry of Local Government and Rural Development (MLGRD) with sponsorship from the Swiss Economic Cooperation (SECO). As a result, the process of developing the programme included a series of consultations with several stakeholders, including the two KNUST colleges (College of Art and Built Environment and College of Engineering), MLGRD, EPFL and SECO

Target

- The programme targets young and mid-career professionals specializing or seeking to specialize in Transportation

Planning. Graduates of the Programme will fit in the Transportation Departments of the Metropolitan, Municipal and District Assemblies (MMDAs); Transportation Ministries; Private Transport Operator Organizations; Civil Engineering, Transportation Planning and Urban Planning Firms; and Academic and Research Institutions in Ghana and in Africa.

Duration

The duration of the Master programme is 12 calendar months (1 year), starting in August, 2018

Admission Requirements

The following shall be admission requirements for prospective students:

- A minimum of Second Class (Upper Division) degree, or its equivalent, in Planning, Engineering, Mathematics, Statistics, Physics, Geography, Architecture, Building Technology, Construction Management, Development Studies and any field of specialization relevant to the programme from a recognized University;
- Candidates with B-Tech with at least 2 years' working experience in the relevant disciplines may be admitted after passing an interview;
- Applicants whose working language is not English must show proficiency in both spoken and written English. Where necessary, arrangements will be made with the Department of Languages of the University to offer proficiency course in English prior to embarking on the programme; and
- Relevant field experience will be an advantage.

NB: Additional copy of the application form and all relevant documents should be sent to the email address:

planning.cap@knust.edu.gh

5. Centre for Settlements Studies & Department of Planning

MPhil Urban Management Studies

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, Director or Works and Engineers.

Programme Structure

The MPhil in Urban Management Studies is a two-year programme structured along the lines of both taught and research. The first year is basically devoted to teaching courses that will be examinable at the end of each semester for the two semesters. Teaching will be done at weekends (Saturdays and Sundays).

Admission Requirements

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.

6. Department of Land Economy

1. MSc Land Governance and Policy

- Applicants must hold a bachelor's degree (at least second class) in a Land Economy, Real Estate, Planning, Law, Geomatic/Geodetic Engineering, Geography, Economics, Sociology, Agriculture, Environmental Studies, Natural Resources Management and other related degrees from institutions of recognised standing.
- Candidates with a minimum of two years relevant industrial or research experience are preferable.
- All candidates must attend an interview session and pass the interview before admission

2. MSc Facilities Management

- Applicants must hold a Bachelor's degree (with a minimum of 2nd Class (Lower Division)) in Real Estate, Architecture, Building Technology, Business Administration, Civil Engineering, Construction Management, Construction Technology and Management, Estate Management, IT, Interior Design, Landscape Design, Land Economy, Law, Planning, Project Management, Quantity Surveying and Construction Economics, Geography, Economics or other related degree from institutions of recognised standing. Applicants with B.Tech qualifications are encouraged to apply.
- Candidates with a minimum of two years relevant industrial or research experience are preferred.
- All candidates must attend an interview session and pass the interview before admission.

3. PhD Land Management

- Candidates must hold an MSc/MPhil in Land Management, 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.

FACULTY OF ART

1. Department of Educational Innovations in Science and Technology

a. 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.

b. MA African Art and Culture – One Year

c. MPhil African Art and Culture – Two Years

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

- A good BA, BFA or BEd (First or Second Class) degree in any Art discipline.
- A good pass (60% or above for MA and 65% or above for MPhil) in Research Methodology at the undergraduate level.
- Submission of an appropriate topic that is relevant to Arts and Cultures of indigenous African Society.

- A good pass (60% or above for MA and 65% and above for MPhil) in a written examination and interview to be determined by the Departmental Board.
- Completion of National Service.

2. Department of Painting and Sculpture

a. 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.

b. 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

a. Masters in Communication Design (MCOMM), Part time and Full time;

b. 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 (Full Time / Part Time)

1. Bamboo and Rattan Technology
2. Fibres and Fabrics Technology
3. Leather Technology
4. Clay and Earthenware Technology
5. Woodworking Technology
6. Metal Fabrication Technology
7. Product Design Technology

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.

Master of Integrated Art

1. Bamboo and Rattan Technology
2. Fibres and Fabrics Technology
3. Leather Technology
4. Clay and Earthenware Technology
5. Woodworking Technology
6. Metal Fabrication Technology
7. Product Design Technology

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.

D. COLLEGE OF HEALTH SCIENCES

FACULTY OF PHARMACY AND PHARMACEUTICAL SCIENCES

1. Department of Pharmaceutics

a. MSc Pharmaceutical Technology

Admission Requirements

- i. 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.
- ii. Interviews will be conducted for short-listed applicants to select those who best qualify for the programme.

b. MPhil Pharmaceutics

Admission Requirements

- i. 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.
- ii. Interviews will be conducted for short-listed applicants to select those who best qualify for the programme.

c. PhD Pharmaceutics

Admission Requirements

- i. 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.
- ii. Interviews will be conducted for short-listed applicants to select those who best qualify for the programme.

d. MPhil Pharmaceutical Microbiology

Admission Requirements

- i. 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.
- ii. Interviews will be conducted for short-listed applicants to select those who best qualify for the programme.

e. PhD Pharmaceutical Microbiology

Admission Requirements

- i. 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.
- ii. Interviews will be conducted for short-listed applicants to select those who best qualify for the programme.

2. Department of Pharmacognosy

a. MPhil Pharmacognosy

b. PhD Pharmacognosy

- i. Phytochemistry
- ii. Standardisation of Herbal products
- iii. 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, an applicant should have MPhil or equivalent in the above mentioned areas.

3. Department of Pharmaceutical Chemistry

a. MPhil Pharmaceutical Chemistry

b. PhD Pharmaceutical Chemistry

The Department offers MPhil/PhD in Pharmaceutical Chemistry with emphasis on Pharmaceutical Analysis and Quality Control, Medicinal Chemistry, Natural Product Chemistry and Drug Discovery, Pharmacokinetics and Drug metabolism and Kinetics and stability of Drug products;

Admission Requirements

- Candidates with a **good first degree** (First Class or Second Class Upper Division) in Pharmacy, Biochemistry, Chemistry and related fields.
- Candidates applying for **PhD** admission should have a minimum of MPhil/MSc degree in pharmaceutical chemistry or related disciplines such as Pharmaceutical Analysis and Quality Control; Medicinal Chemistry, Biochemistry, Phytochemistry, Chemistry etc. with a minimum cumulative weighted average (CWA) of 70.00 or its equivalent.
- Applicants will attend a selection interview.

4. Department of Pharmacy Practice

Admission Requirements

a. MSc Clinical Pharmacy (Part-Time)

b. MPhil Clinical or Social Pharmacy (Full-Time)

Bachelor's degree in Pharmacy from a recognized Institution

c. PhD Clinical Pharmacy

An MSc/MPhil in Clinical Pharmacy from a recognized Institution

d. PhD Social Pharmacy

An MSc/MPhil in Pharmacy, Public Health or related Health Discipline from a recognized Institution

5. Department of Pharmacology

- a. **MPhil Pharmacology**
- b. **PhD Pharmacology**

Admission Requirements

Candidates must have a 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.

6. Department of Nursing

- a. **MPhil Nursing**
- b. **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.

7. 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 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 Behavioural Sciences

- **International Masters Degree (IMSc) in Global Mental Health Policy, Services and Development Programme (Part-Time Only)**
- **MSc In Global Mental Health Policy, Services and Development Programme (Part-Time Two Academic Years (taught and research))**

Admission Requirements

- Applicants should hold/possess a good first class or second upper division in the Social Sciences/Sociology/Social Work/Psychology/MBChB or its equivalent from a recognized university.
- Applicants should have at least two years' relevant work experience in the field of Mental Health.
- All applicants should provide a synopsis of no more than 500 words on what they want to achieve from the course and two references, at least one of which must be an academic reference.
- Prospective candidates should also show proof of their source of funding and be successful at a pre-admission interview.

2. Department of Clinical Microbiology

a. 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

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

3. Department of Molecular Medicine

Admission Requirements

a. 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.

b. MPhil Molecular Medicine

Applicants are required to have:

MBChB or BSc Biochemistry and Biotechnology, BSc Medical Laboratory Technology, DPharm, BDS, DVM, BSc Biological Science (with major in Cell Biology).

c. 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.

d. 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.

e. PhD Molecular Medicine

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

f. 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.

4. Department of Anatomy and Cell Biology

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

Admission Requirements

a. 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.

b. 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, MBChB or equivalent from a recognized Institution.

c. 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.

d. PhD Human Anatomy and Cell Biology Programme

e. PhD Human Anatomy and Forensic Science Programme

- A good MPhil Degree 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.

5. Department of Physiology

a. MPhil Human Physiology

b. MPhil Physiology

c. MPhil Reproductive Physiology

Admission Requirements

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

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

a. MSc Audiology

b. MSc Speech/Language Pathology

Admission Requirements

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

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

a. 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 higher from a recognised University in the fields of:

- i. Disability and allied disciplines
- ii. Health and health related Sciences
- iii. Education and education psychology
- iv. Social services or Social work

- v. Sports and exercise science
- vi. Architecture
- vii. Policy planning

Pre-requisites for admission will be satisfactory results from:

- i. An interview
- ii. A written motivation statement
- iii. Fulfilling initial entry requirements

7. SCHOOL OF PUBLIC HEALTH

1. MSc Health Services Planning and Management
2. MPH Health Services Planning and Management
3. MSc Health Education and Promotion
4. MPH Health Education and Promotion
5. MSc Population and Reproductive Health
6. MPH Population and Reproductive Health
7. MSc Occupational and Environmental Health & Safety
8. MPH Occupational and Environmental Health & Safety

Duration: 12 calendar months

9. MPhil Health Systems Research and Management
10. MPH Health Systems Research and Management

Duration: 2 Years

11. PhD Public Health

Duration: 4 Years

Admission Requirements

- To qualify to read the MSc/MPH/MPhil programme, the applicant should have a good first degree (at least 2nd class lower) from a recognized tertiary institution preferably in any of the natural sciences such as medicine, veterinary medicine, nursing, public health, environmental sciences, biology, pharmacy or health-related sectors such as the social sciences, development studies and education. In addition, applicants should

have had at least two years post-graduation work experience.

- To qualify to pursue the PhD Public Health programme, an applicant shall hold a Masters degree or its equivalent, from a recognized institution and shall provide evidence of adequate training and financial support to undertake the proposed programme.

E. COLLEGE OF SCIENCE

1. Department of Biochemistry and Biotechnology

a. MPhil Biotechnology

Applicants with a minimum of Second Class (Lower Division) in the field of Biochemistry, Biological Sciences, Agricultural Sciences, Pharmacy, Biomedical Sciences, Biological or Chemical Engineering and related fields from a recognized University may apply.

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, Biological Sciences, Agricultural Sciences, Pharmacy, Biomedical Sciences, Biological or Chemical Engineering and related fields may apply.

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

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

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

8. 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.
- Higher-level professional qualifications or advanced degree and relevant work experience in food related establishments

could be considered where applicants have not reached the standard entry requirements.

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.

c. PhD Food Science and Technology

All prospective candidates in the following disciplines are eligible to apply: 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 equivalent from a recognized institution, in Biological Sciences, Chemistry, Physics, Mathematics, Engineering, Geography and Applied Sciences.

b. MPhil / PhD in:

1. Parasitology
2. Ecology

3. Entomology
4. Plant/Animal Physiology
5. Microbiology
6. Plant Pathology
7. Reproductive Biology
8. Plant/Animal Systematics
9. Molecular Biology
10. Fish and Fisheries Science

MPhil

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.

PhD

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 fields stated above.

4. Department of Chemistry

MPhil

- i. Chemistry
- ii. Organic and Natural Products
- iii. Analytical Chemistry
- iv. Environmental Chemistry
- v. Physical Chemistry
- vi. Inorganic 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).

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..

PhD

- i. Chemistry
- ii. Organic and Natural Products
- iii. Analytical Chemistry
- iv. Environmental Chemistry
- v. Physical Chemistry
- vi. Inorganic Chemistry

Applicant must possess an MPhil/MSc or equivalent degree in Chemistry, Physics, Chemical Engineering, Materials Science/Engineering and related Science disciplines can be admitted into the programme.

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

- l. **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
- ii. MPhil Applied Mathematics
- iii. MPhil Mathematical Statistics
- iv. MPhil Actuarial Science
- v. PhD Pure Mathematics
- vi. PhD Applied Mathematics
- vii. PhD Mathematical Statistics
- viii. PhD Actuarial Science

MPhil

Admission Requirements

A prospective candidate must have a good first degree in Mathematics/Statistics/Actuarial Sciences with a minimum of Second Class Honours (Lower Division). The Mathematics/Statistics/Actuarial Science programme should (depending on the degree sought) have adequately covered Analysis, Algebra, Topology, Differential Equations, Numerical Analysis, Statistical Inference, Probability Theory/Distributions, Stochastic Processes, Mathematical Statistics, Sample Survey Theory, Scientific Computing, Loss Models, Life Contingencies and Accounting. Qualified candidates will have oral and written interview after which selected candidates would be recommended. Applicants with equivalent first degrees or with

degrees from other mathematical intensive Science and Engineering disciplines may be considered.

PhD

Admission Requirements

Candidates for a PhD in Mathematics/Statistics/Actuarial Science must hold an MPhil degree in Mathematics/Statistics/Actuarial Science with a strong research background and must independently be able to carry out original scientific research. Qualified applicants will be interviewed.

9. 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.

e. 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.

10. Department of Optometry and Visual Science

a. MPhil Vision Science

- Applicants with a minimum of Second Class (Lower Division) degree from a recognized University in BSc Vision Science, Doctor of Optometry, Postgraduate Diploma in Optometry, Postgraduate Diploma in Ophthalmology, BSc Biology, BSc Human Biology, BSc Biochemistry, Bachelor of Pharmacy, Doctor of Pharmacy, BSc Physics can apply.

b. PhD Vision Science

- Applicants with a minimum of MSc or MPhil in Optometry/Vision Science, Neuroscience, Pharmaceutical Sciences, Psychology, Molecular Biology, Mathematics, Physics, Human Biology/Medicine, Ophthalmology, Biological Sciences, Biomedical Sciences, Microbiology, Chemistry, Computer Engineering/Science can apply.

All applicants must pass an interview.

F. COLLEGE OF ENGINEERING

1. Department of Civil Engineering

a. MSc / MPhil Geotechnical Engineering

- 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;
- 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;
- 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 English 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 in Water Resources Engineering and Management

- 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,

- 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. Otherwise they will undertake a four-month intensive English training and preparatory courses.

d. MSc / MPhil Water Supply and Environmental Sanitation

- 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,
- 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. Otherwise they will undertake a four-month intensive English training and preparatory courses.

e. MSc / MPhil Structural Engineering

- Prospective students must hold a First Class or Second Class Honours (Upper Division) in BSc Civil Engineering from a recognized University or Tertiary Institution
- 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.

f. PhD in Water Resources Engineering and Management

- First or Second Class (Upper Division) in their first degree.
- Master's 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, Chemical Engineering and other relevant disciplines, with an average of at least 60%. Submit academic transcripts.
- 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.
- Candidates with some publications in a journal as first author have an advantage.
- Evidence of current and previous employments.

g. PhD in Water Supply and Treatment Technologies

- First or Second Class (Upper Division) in their first degree.
- Master's 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%. Submit academic transcripts.
- 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.
- Candidates with some publications in a journal as first author have an advantage.
- Evidence of current and previous employments.

h. PhD in Environmental Sanitation and Waste Management

- First or Second Class (Upper Division) in their first degree.

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

i. PhD in Structural Engineering

- First or Second Class (Upper Division) in their first degree.
- Master's degree in Structural Engineering and other relevant disciplines, with an average of at least 60%. Submit academic transcripts.
- 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.
- Candidates with some publications in a journal as first author have an advantage.
- Evidence of current and previous employments.

j. PhD in Geotechnical Engineering

- First or Second Class (Upper Division) in their first degree in Civil Engineering, Geological Engineering.
- Master's degree in Geotechnical Engineering, Geological Engineering and other relevant disciplines, with an average of at least 60%. Submit academic transcripts.
- 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.

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

k. PhD in Highway and Transportation Engineering

- First or Second Class (Upper Division) in their first degree in Civil Engineering, Geomatic Engineering and other relevant areas.
- Master's degree in Road and Transportation Engineering, Highway Engineering and other relevant disciplines, with an average of at least 60%. Submit academic transcripts.
- 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.
- Candidates with some publications in a journal as first author have an advantage.
- Evidence of current and previous employments.

l. PhD in Climate Change and Land Use

- Second Class (Upper Division) in their first degree.
- Good Masters degree in Soil Science, Agricultural Engineering (Soil and Water Engineering option), Civil Engineering (Water Resources/Hydrology option), Geomatic Engineering, Natural Resources (Silviculture and Forestry, and Watershed management), Mathematics, Geography, Land Economy, Atmospheric Physics, Climatology, and other relevant disciplines, with an average of at least 60%. Submit academic transcripts.
- Candidates from Francophone countries must have an internationally recognised Certificate of Proficiency in the English Language (TOEFL or British Council, IELTS) with above average score. *Otherwise they will undertake a four-month intensive English training and preparatory courses.*

- Evidence of current and previous employments.
- Experience with modelling and GIS would be an advantage but not a prerequisite.

2. Department of Geomatic Engineering

a. MPhil/MSc Geomatic Engineering

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

- i. 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.

c. MPhil Geographic Information System (GIS)

- An applicant must have a minimum of Second Class (Lower) Division degree or its equivalent from a recognized university in any of the following areas: *Engineering, Surveying, Architecture, Building Technology, Planning, Land Economy, Real Estate, Agriculture, Landscape Design & Management, Natural Resource Management, Forest Resource Technology, Computer Science, Environmental Science, Meteorology and Climate Science, Geography and Rural Development.*

- All applicants will be required to attend a selection interview to determine their suitability and preparedness for the programme.

Programme Structure

The MPhil GIS programme shall be of two (2) years duration. The first year will be two (2) semesters of taught courses and the second year will be for supervised research and thesis report preparation. Classes will mainly be held on weekends.

3. Department of Electrical/Electronic Engineering

a. MPhil Telecommunications Engineering

- A Student seeking admission into the programme must have a bachelor's degree in Telecommunications Engineering, Electrical/Electronic Engineering, Computer Engineering, Sciences or Mathematics.
- An Applicant must hold a first class or second class upper degree.
- Candidates with BSc Second Class Lower would be required to pass an interview
- Applicants with Science and Mathematics background would be required to take sufficient Engineering background courses at the undergraduate level.

b. MPhil Power Systems Engineering

- A Student seeking admission into the programme must have a bachelor's degree in Electrical Engineering
- An Applicant must hold a first class upper degree
- Candidates who have BSc Second Class (Lower Division) would be required to pass an interview.

c. PhD Telecommunications Engineering

- Applicants must hold MSc/MPhil degree in Telecommunications Engineering, Electrical and Computer Engineering from a recognized University

- The Candidate must hold a First Class or Second Class Upper degree.

d. PhD Electrical Engineering

- Applicants must hold MSc/MPhil degree in Electrical and Electronic Engineering from a recognized University
- The Candidate must hold a First Class or Second Class Upper degree.

4. Department of Computer Engineering

a. MPhil Computer Engineering

b. 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 Class (Upper Division) 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

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.

- 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.

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.
- All applicants are screened through an interview process.
- An outline of research proposal (synopsis) and the statement of purpose should accompany the application.

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

a. MPhil Environmental Resources Management

Duration of Programme:

- 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.
- 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.
- Part-time students would be required to register for a minimum of two sub modules per semester.
- A minimum of one year will be devoted to project and fieldwork.

Admission Requirements

- First Class or Second Class (Upper Division) degree or its equivalent in Mineral Processing, Material Science and Engineering, Architecture, Agriculture, Renewable Natural Resources and any Physical Sciences and related programme.
- All applicants will be interviewed before admission.

b. MSc/MPhil Materials Engineering

Duration of Programme:

- 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.

Admission Requirements

- First Class or Second Class (Upper Division) degree or its equivalent in Mineral Processing, Material Science and Engineering, Architecture, Agriculture, Renewable Natural Resources and any Physical Sciences and related programmes.

c. PhD Materials Engineering

- Students admitted for the PhD degree will be required to take graduate classes in courses where the Departmental Board finds them to be deficient.
- All Applicants will be interviewed before admission.

Admission Requirements

MSc/MPhil degree or its equivalent in Mineral Processing, Engineering, Materials Science and Engineering, Architecture, Agriculture, Renewable Natural Resources and any Physical Sciences and related programmes.

7. Department of Agricultural and Biosystems Engineering

MSc / MPhil

1. MPhil Agricultural Machinery Engineering

2. **MPhil Agro-Environmental Engineering**
3. **MPhil Bioengineering**
4. **MPhil Food and Post-Harvest Engineering**
5. **MPhil Soil and Water Engineering**
6. **MSc Agricultural Machinery Engineering**
7. **MSc Agro-Environmental Engineering**
8. **MSc Bioengineering**
9. **MSc Food and Post-Harvest Engineering**
10. **MSc Soil and Water Engineering**

Admission Requirements

Candidates with:

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

11. Masters Degree in Intellectual Property (MIP)

The Degree is jointly offered by the African Regional Intellectual Property Organization (ARIPO), Kwame Nkrumah University of Science and Technology (KNUST), Kumasi and Intellectual Property Office of Ghana.

The Programme adopts a comparative approach, with particular emphasis on Africa. Lectures are given by leading academics, intellectual property practitioners, intellectual property officers and other experts drawn from across Africa.

Admission Requirements

Eligible candidates are required to hold a minimum of a Bachelor's degree (second class lower) from a recognized university in any discipline and have a minimum of two years

work experience. Proof of English proficiency is required, therefore, students coming from countries where the official language is not English will need to submit evidence of proficiency in an appropriate internationally approved English examination e.g IELTS, TOEFL AWARD. Upon satisfactory completion of the programme, participants will be awarded a Masters Degree in Intellectual Property (MIP) by KNUST on behalf of ARIPO.

Scholarships

With a view to contributing to the development of human resources in the field of Intellectual Property in Africa, ARIPO will provide 10 scholarships for successful applicants. The scholarship shall cover the cost of a return air ticket, boarding and lodging at KNUST, tuition fees, registration fees and medical insurance.

PhD

1. **PhD Agricultural Machinery Engineering**
2. **PhD Agricultural Engineering**
3. **PhD Agro-Environmental Engineering**
4. **PhD Bioengineering**
5. **PhD Food and Post-Harvest Engineering**
6. **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

a. MSc/MPhil Mechanical Engineering Programme

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

- i. Applied Mechanics

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

Admission Requirements

- Applicants with a first degree in Mechanical Engineering or related disciplines from a recognized University, with a minimum of Second Class Lower Division will be admitted into the master's programme.

b. PhD Mechanical Engineering Programme

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

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

Admission Requirements

- Candidates with a good MPhil degree in Mechanical Engineering or related discipline from a recognized University.
- And a good research proposal with a maximum of one thousand words.

c. MSc RETs (Masters in Renewable Energy Technologies)

Admission Requirements

- A first degree in Engineering or Science from a recognized 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

a. MSc Geophysical Engineering

- 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.
- 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.
- 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.

b. MPhil Geological Engineering

- 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
- 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.

c. PhD Geological Engineering

- A Master's degree or its equivalent in Geology, Geological Engineering or any earth science related field from a recognized institution, and
- 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:

- *Those who intend to pursue distance learning programmes **SHOULD NOT** purchase these forms/eVouchers but rather contact the Institute of Distance Learning on 0500482885 / 0247274661*