

**KWAME NKURUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY, KUMASI**

**SCHOOL OF GRADUATE STUDIES**  
**ADMISSION OF APPLICANTS TO RESEARCH OR HIGHER DEGREE PROGRAMMES FOR THE 2026/2027 ACADEMIC YEAR**

Applications are invited from suitably qualified Applicants for admission to research and higher degree programmes (MSc/MEd/MArch/MFA/MA/MComm/MBA/MPA/MPH/LLM/MPhil/ PhD/EdD)

**GENERAL ADMISSION REQUIREMENTS**

**i. Masters Programmes**

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

**ii. PhD Programmes**

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

**PROGRAMME DURATION**

Unless otherwise stated, the duration for Masters Programmes (Full-Time) is Two (2) Academic Years and (Part-Time) Three (3) Academic Years, PhD Programmes (Full-Time) is for Four (4) Academic Years and (Part-Time) Five (5) Academic Years.

**MODE OF APPLICATION**

Prospective applicants should purchase an e-Voucher containing Login ID/Serial Number and PIN for **GHC350.00** at the following banks: GCB Bank, Consolidated Bank Ghana (CBG) or Ecobank or dial \*885# on any network and follow the prompts.

Applicants should then proceed to the online admissions portal: **<https://apps.knust.edu.gh/admissions/>** and begin the application process.

The deadline for the sale of forms and completion of online application is **September 30, 2026.**

Application forms submitted after the deadline shall not be processed. Only Applicants who successfully gain admission shall be notified subsequently.

**NB:** All International Applicants are to generate Login ID/Serial Number and PIN for the online application using the link below.

**<https://apps.knust.edu.gh/admissions/apply/Account/Register>**

**NB:** *All Applicants from non-Anglophone countries must have an Internationally recognised Certificate of Proficiency in English Language (TOEFL or British Council, IELTS) with an above average score or be available to attend a three (3) months English language course at the KNUST-Department of English.*

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

### **• FACULTY OF AGRICULTURE**

#### **1. Department of Animal Science**

##### **i. MPhil. Animal Breeding and Genetics**

Applicants for the MPhil degree programme in Animal Breeding and Genetics should have a Bachelor of Science degree (First Class, Second Class Upper Division, Second Class Lower Division) in Agriculture, Animal Science, Biotechnology, Statistics, Mathematics, Biology, Natural Sciences, Veterinary Medicine, or related disciplines from any recognised University. All Applicants would be required to pass a selection interview.

##### **ii. MPhil. Reproductive Physiology**

Applicants for the MPhil degree programme in Reproductive Physiology should have a Bachelor of Science degree (First Class, Second Class Upper, Second Class Lower Division) in Agriculture, Animal Science, Biotechnology and Biology, or have Doctor of Veterinary Medicine degree from a recognised University. All Applicants would be required to pass a selection interview.

##### **iii. MPhil. Animal Nutrition**

Applicants for the MPhil degree programme in Animal Nutrition should have a Bachelor of Science degree (First Class, Second Class Upper Division, Second Class Lower Division) in Agriculture, Animal Science, Biotechnology and Biology, or have Doctor of Veterinary Medicine degree from a recognised University. All Applicants would be required to pass a selection interview.

##### **iv. MPhil. Meat Science**

Applicants for the MPhil degree programme in Meat Science should have a Bachelor of Science degree (First Class, Second Class Upper Division, Second Class Lower Division) in Agriculture, Animal Science, Biotechnology, Dairy and Meat Science and Technology, Food Science and Technology, Post Harvest Technology and Biological Science, or have Doctor of Veterinary Medicine degree from a recognised University. All Applicants would be required to pass a selection interview.

##### **v. PhD. Animal Breeding and Genetics**

##### **vi. PhD. Reproductive Physiology**

##### **vii. PhD. Animal Nutrition**

##### **viii. PhD. Meat Science**

Applicants for the Ph.D. degree programmes should have a Master of Philosophy degree in Reproductive Physiology, Animal Nutrition, Biotechnology, Animal Science and Poultry Science from a recognised University.

Applicants will be required to pass an interview before the final determination of admission to the programme. Applicants should also submit evidence of adequate training and ability to undertake the proposed programme.

#### **2. Department of Agricultural Economics, Agribusiness and Extension**

##### **i. MPhil. Agribusiness Management**

Applicants must have Bachelor's degree (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. 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. Applicants must pass a selection interview to be conducted by the Department and demonstrate their ability to pay the required fees.

##### **ii. MPhil. Agricultural Economics**

Applicants must have a Bachelor of Science (BSc) or Bachelor of Art (BA) degree (Minimum of Second Class (Upper Division)) or its equivalent in Agricultural Economics, Agriculture (with specialization in Economics), Economics, or other related disciplines from an accredited University or equivalent academic institution. Applicants must pass a selection interview to be conducted by the Department and demonstrate their ability to pay the required fees.

### **iii. MPhil. Agricultural Extension and Development Communication**

Applicants must have a Bachelor's degree (minimum of Second Class (Lower Division)) in Agriculture or relevant subject areas (Natural Resources Management, Agribusiness Management, Environmental Science, Public Health Food Science, Rural Development, Development Planning, Development Studies, Economics, Sociology, Geography, Communication Studies, Education, Social work, Psychology and Business) 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. Applicants must pass a selection interview to be conducted by the Department and demonstrate their ability to pay the required fees. Applicants with weak or no background in agriculture are expected to have a professional background of at least two years (post national service) to qualify. MSc. Agricultural Extension and Development Communication who would want to upgrade to an MPhil degree will be required to do Research Methods I and II and Seminar in each semester while doing the thesis.

### **iv. PhD. Agribusiness Management**

Applicants must have a Two Years MSc. degree with research or MPhil degree in Agribusiness Management or equivalent qualifications from a recognised University or Institution of Higher Learning. Other MPhil or equivalent degree holders in relevant subject areas (Agriculture, Natural Resource Management, Rural Development, Economics, Development Planning, Development Studies, Business Administration) from any accredited institution may be required to take relevant courses from the MSc/MPhil Agribusiness programme as prescribed by the Departmental Board. Applicants must pass a selection interview to be conducted by the Department and demonstrate their ability to pay the required fees.

### **v. PhD. Agricultural Extension and Development Communication**

Applicants must have an MPhil degree in Agricultural Extension and Development Communication from KNUST or equivalent qualifications from a recognised University or Institution of Higher Learning. Other MPhil or equivalent degree holders in relevant subject areas (Agriculture, Natural

Resource Management, Rural Development, Development Planning, Development Studies, Environmental Management, Sociology, Psychology) from any accredited institution may be required to take relevant courses from the MSc/MPhil Agricultural Extension and Development Communication programme as may be prescribed. Applicants must pass a selection interview to be conducted by the Department and demonstrate their ability to pay the required fees. MPhil Applicants who opt to upgrade to PhD must have passed all required taught courses and obtained a cumulative weighted average of at least 70.00 and meet all other eligibility criteria of the School of Graduate Studies for the upgrade.

### **vi. PhD Agricultural Economics**

Applicants must have a MPhil degree in Agricultural Economics from KNUST or equivalent qualifications from a approved Universities or Institutions of Higher Learning. Applicants must pass a selection interview to be conducted by the Department and demonstrate their ability to pay the required fees. Other MPhil or equivalent degree holders in relevant subject areas (Agriculture, Natural Resource Management, Rural Development, Economics, Development Planning, Development Studies, Business Administration) from any accredited institution may be required to take relevant courses from the MPhil Agricultural Economics programme as prescribed by the Departmental Board.

## **3. Department of Crop and Soil Sciences**

- i. MPhil. Agronomy (Crop Physiology)**
- ii. MPhil. Crop Protection (Entomology, Nematology, Plant Pathology, Plant Virology)**
- iii. MPhil. Plant Breeding**
- iv. MPhil. Soil Science**

A bachelor's degree in Agriculture/biological Science, Natural Resources or related disciplines from a recognized university or institution is required for any of the MPhil degree in the department. Preference is given to applicants with First Class or Second Class (upper Division) degrees.

- v. PhD. Agronomy**
- vi. PhD. Crop Protection (Crop Physiology, Nematology)**

- vii. **PhD. Plant Breeding (Plant Entomology, Plant Pathology, Plant Virology)**
- viii. **PhD. Soil Science**

Applicants seeking admission into PhD programmes should have either a two-year MSc with research or MPhil degree in the relevant discipline. Shortlisted applicants will have to pass an interview conducted by the department.

#### **4. Department of Horticulture**

- i. **MPhil. Postharvest Technology**
- ii. **MPhil. Seed Science and Technology**
- iii. **MPhil. Fruit Crops Production**
- iv. **MPhil. Vegetable Crops Production**

Applicants must have a Bachelor's degree (minimum of Second Class (Upper Division)) in Postharvest Technology, Agriculture, Agricultural Biotechnology, Agribusiness Management, Food Science or any closely related allied field. However, such Applicants shall be required to satisfy prerequisites courses. Applicants with Second Class (Lower Division) may be considered after a selection interview and or agreeing to audit some relevant undergraduate agricultural courses. Applicants with a Pass must have relevant working experience in the Postharvest sector and would have to pass an interview.

#### **v. MPhil. Landscape Studies**

Applicants must have a Bachelor's degree (minimum of Second Class (Lower Division)) in Landscape Design and Management, Agriculture, Architecture, Communication Design, Tourism, Natural Resources, or certificates in other closely related programmes.

- vi. **PhD. Postharvest Technology**
- vii. **PhD. Seed Science and Technology**
- viii. **PhD. Fruit Crops Production**
- ix. **PhD. Landscape Studies**
- x. **PhD. Vegetable Crops Production**

Applicants 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 any recognised University and shall submit evidence of adequate training and ability to undertake the proposed programme. All applicants will have to pass a selection interview.

#### **• FACULTY OF RENEWABLE NATURAL RESOURCES**

##### **1. Department of Wildlife and Range Management**

- i. **MPhil. Wildlife and Range Management**
- ii. **MSc. Geo-Information Science for Natural Resources Management**

Applicants must have a Bachelor's degree (minimum of Second Class (Lower Division)) or equivalent from an accredited university in a discipline related to the course, preferably combined with relevant work experience. Applicants must also attend and pass a selection interview.

##### **iii. PhD. Wildlife and Range Management**

Applicants must have a Master's Degree in Wildlife and Range Management, Forestry, Natural Resources Management and other related disciplines. Applicants must also attend and pass a selection interview.

##### **2. Department of Silviculture and Forest Management**

##### **i. MPhil. Natural Resource and Environmental Governance**

Applicants must have a Bachelor's degree (minimum of Second Class (Upper Division)) in Natural Resource Management, Environmental Management, Environmental Science, Agriculture, Engineering, Planning,

Land Economy, Law, Business, Social or Natural Sciences. Applicants with Second Class Lower and some work experience may be admitted after an interview.

#### **ii. MPhil. Silviculture and Forest Management**

Applicants must have a Bachelor's degree (minimum of Second Class (Upper Division)) in Natural Resource Management, Environmental Management, Agriculture, Environmental Science, or Natural Sciences. All applicants will have to pass a selection interview.

#### **iii. PhD. Silviculture and Forest Management**

Applicants must have a Bachelor's degree (minimum of Second Class (Upper Division) in Natural Resource Management, Environmental Management, Agriculture, Environmental Science or Natural Sciences, plus an MPhil or equivalent Degree in Natural Resource Management, Environmental Management, Agriculture, Environmental Sciences, Land Economy, Law, Business, Social or Natural Sciences. Applicants with Second Class Lower Division and a good Master's Degree, in addition to some work experience, may be admitted after an interview.

### **3. Department of Agroforestry**

#### **i. MPhil. Agroforestry**

Applicants must have a Bachelor's degree (Minimum of Second Class (Lower Division)) in Natural Resources Management, Agriculture or Biological Sciences. Graduates in other disciplines with relevant field experience shall also be considered for admission. In addition, Applicants will be required to attend and pass a selection interview.

#### **ii. PhD. Agroforestry**

Applicants must have an MPhil/Master of Research degree in Agroforestry, Natural Resources Management, or related field of study with appropriate field experience. Applicants will be required to take relevant courses during the programme. In addition, Applicants will be required to attend and pass a selection interview.

### **4. Department of Wood Science and Technology Management**

#### **i. MPhil. Packaging Technology and Management**

Applicants must have a good Bachelor's degree in Science, Social Sciences, Art or Business Administration.

#### **ii. MPhil. Wood Science and Technology**

Applicants must have a good Bachelor's degree in Science related fields.

#### **iii. PhD. Wood Science and Technology**

Applicants must have an MSc/MPhil in Wood Science, Wood Technology or Wood Technology and Management or any other Science related Masters programme.

### **5. Department of Fisheries and Watershed Management**

#### **i. MPhil. Aquaculture and Environment**

#### **ii. MPhil. Fisheries Management**

#### **iii. MPhil. Watershed Management**

Applicants must have a degree (minimum of Second Class (Upper Division)) in any of the following fields: Fisheries Sciences, Natural Resource Management, Environmental Sciences, Agricultural Sciences, Biological and Physical Sciences, or any related discipline. Applications are not restricted to Applicants with degrees in the Sciences, but such Applicants must have the relevant work experience related to the proposed programme of study. Applications from mature Applicants shall be considered on individual basis. Applicants must also attend and pass a selection interview.

#### **iv. PhD. Aquaculture and Environment**

#### **v. PhD. Fisheries Management**

#### **vi. PhD. Watershed Management**

Applicants must have a Master's degree in any of the following fields: Fisheries Sciences, Natural Resource Management, Environmental Sciences, Agricultural Sciences, Biological and Physical Sciences, or any

related discipline. Applications are not restricted to Applicants with degrees in the Sciences, all Applicants shall be considered individually. Applicants must also attend and pass a selection interview.

## **B. COLLEGE OF ART AND BUILT ENVIRONMENT**

### **• FACULTY OF BUILT ENVIRONMENT**

#### **1. Department of Architecture**

##### **i. MSc. Architecture (Top-up) One Year**

Applicants who have completed the Postgraduate Diploma (or higher) in Architecture and related fields of study from accredited/government recognised university may be admitted. 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 studies of at least 60.00, and Portfolio of architectural studies (or related fields) works. Applicants must pass a selection interview.

##### **ii. MArch (Master of Architecture)**

Applicants must have Bachelor of Science degree in Architecture (minimum of Second Class (Upper Division)) from any accredited/ recognised university. Applicants with Second Class (Lower Division) would be interviewed to ascertain their suitability for the programme. If they do not pass the interview, they would be attached to a recognized architectural firm for a year before being admitted for the programme. This year of attachment would be integrated into the Applicants's National Service period. Applicants who obtain only a Pass would automatically be made to go out for a year attachment/National Service before being allowed into the M. Arch programme.

##### **iii. MPhil Architectural Studies – Two Years**

Applicants must have Bachelor's degree (minimum of Second Class (Lower Division)) in Architecture from a recognised university. Applicants must

have a one-year relevant industrial or research experience and must show strong research abilities. Applicants must submit a research proposal of 3,000 to 5,000 words as part of the admission requirements.

#### **iv. PhD. Architecture**

Applicants must have a master's degree in architecture from a recognised university. Postgraduate Diploma in Architecture holders following initial registration on an MPhil Architecture programme may be considered for admission. Applicants who hold a First Class undergraduate degree from a recognized university may also be considered for admission to the MPhil/PhD programme if they are successful in the pre-admission interview. Applicants must have a minimum of two years' relevant industrial or research experience and must submit a research proposal of 3,000 to 5,000 words as part of the admission requirements.

#### **2. Department of Construction Technology and Management**

##### **i. MSc. Construction Management**

##### **ii. MPhil. Construction Management**

Applicants must have a Bachelor's degree (minimum of Second Class (Lower Division)) in Building Technology, Post-graduate diploma (PGD) in Architecture, Construction Technology and Management, Quantity Surveying, and Construction Economics or Civil Engineering. Applicants with an Architecture background must have obtained a PGD or MSc in Architecture or a registered qualification in Architecture. Applicants must attend and pass a selection interview. Applicants must submit a sustainable proposal and workable programme that fit into the construction industry. Applicants applying for the MPhil will be admitted in the MSc. Construction Management programme in the first year and may be upgraded to the MPhil in the second year after a satisfactory performance.

##### **iii. MSc. Procurement Management**

##### **iv. MPhil. Procurement Management**

Applicants must have Bachelor's degree (minimum of Second Class (Lower Division)) in any field/discipline. Applicants must attend and pass a selection interview. Applicants must submit a sustainable proposal and workable programme that fits into the construction industry. Applicants

applying for the MPhil will be admitted in the MSc. Procurement Management programme in the first year and may be upgraded to the MPhil in the second year after a satisfactory performance.

**v. PhD. Procurement Management**

Applicants must have a Master's degree or its equivalent from a recognised institution in Procurement and Supply Chain Management. Applicants with a two-year Master's degree in Construction Management are admissible. Applicants shall demonstrate sufficient ability to undertake the programme. Applicants must attend and pass a selection interview. Applicants must submit a sustainable research proposal and workable programme. Evidence of publication will be an added advantage.

**vi. MSc. Project Management (One Year)**

**vii. MPhil. Project Management**

Applicants must have a Bachelor's degree (minimum of Second Class (Lower Division)) in any field/discipline. Applicants must have a minimum of two years' relevant industrial or research experience. Applicants must attend and pass a selection interview. Applicants must submit a researchable thesis proposal and a workable programme. Applicants applying for the MPhil will be admitted in the MSc. Project Management programme in the first year and may be upgraded to the MPhil in the second year after a satisfactory performance.

**viii. PhD. Project Management**

Applicants must have a Master's degree or its equivalent from a recognised institution in any field. Applicants with a two-year Master's degree in Construction Management are admissible. Applicants shall demonstrate sufficient ability to undertake the programme. Applicants must attend and pass a selection interview. Applicants must submit a sustainable research proposal and a workable programme. Evidence of publication will be an added advantage.

**ix. MPhil. Building Technology**

Applicants must have a bachelor's degree (minimum of Second Class (Lower Division)) in Architecture (Pg., DIP, MSc), Building Technology, Construction Technology and Management, Quantity Surveying and

Construction Economics, MTech, and Civil Engineering. Applicants shall demonstrate sufficient ability to undertake the programme and must submit a sustainable research proposal and workable programme. In addition, Applicants must attend and pass an interview.

**x. PhD. Building Technology**

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

**xi. PhD. Construction Management**

Applicants must have a Master's degree or its equivalent from a recognised institution in Architecture, Building Technology, Quantity Surveying and Construction Technology and management, and Civil Engineering. Applicants with a two-year Master's degree in Construction Management are admissible. Applicants shall demonstrate sufficient ability to undertake the programme. Applicants must attend and pass a selection interview. Applicants must submit a sustainable research proposal and workable programme. Evidence of publication will be an added advantage.

**xii. MSc. Cost Engineering and Management**

Applicants must have strong grounding in mathematics, measurement, economics, and construction/engineering systems.

***Ghanaian Applicants:***

A minimum Second-Class Lower Bachelor's degree from a recognized University in ANY of the following field/discipline or equivalent to: Building Technology, Construction Technology, Construction Management, Quantity Surveying, Construction Economics, Civil Engineering, Architecture, Land Economy, Geomatic Engineering, Electrical Engineering, Mechanical Engineering, Petrochemical Engineering, Petroleum Engineering, Industrial Engineering, Chemical

Engineering, Mining Engineering, Business Management, Project Management, Accounting, Economics (with strong quantitative focus), Applied Mathematics and Actuarial Science.

**NOTE:** ALL applicants will be interviewed prior to admission. Candidates with degrees not mentioned above would have their transcripts assessed for compliance. ALL foreign applicants must have qualifications equivalent to the above and approved by GTEC for admission. Applicants will be required to pass an entrance interview.

### **xiii. MSc. Project Forensics and Value Management**

The programme is open to graduates and working professionals from Ghana and any other country who intends developing their career in Forensic and Value Management Practices. Minimum pre-requisites for admission is a Second-Class Lower Bachelor's degree from a recognized University in ANY FIELD OF ENDEAVOUR across all industries. ALL applicants will be interviewed prior to admission.

ALL foreign applicants must have qualifications equivalent to the above and approved by GTEC for admission. All applicants will be required to pass an entrance interview.

## **3. Department of Planning**

### **i. MSc. Development Planning and Management (SPRING) (Accra and Kumasi Centres - Weekend)**

### **ii. MPhil. Development Planning and Management (SPRING) (Accra and Kumasi Centres - Weekend)**

Students under this programme are initially enrolled in the **Master of Science** stage of the programme, with a duration of twelve (12) calendar months, ran in three (3) sessions of four (months) each. A successful completion of this stage, with passes in all taught courses and submission of a short dissertation will lead to the award of a Master of Science degree in Development Planning and Management. Those who obtain CWA of 70% or more at the end of the first year, may progress as MPhil Development Planning and Management Applicants for the second year, of another twelve (12) calendar months. Such Applicants would spend the academic year

writing their theses and will be expected to complete the programme by the end of the second year.

The MSc/MPhil. Development Planning and Management (SPRING) is opened to Planners, Managers, Administrators, and other professionals. Applicants must have a bachelor's degree in the Second-Class Division and above or its equivalent from recognized institutions in the following programmes: ***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 or other relevant programmes.***

Applicants with post-graduation experience in industry or research may have an added advantage. All applicants must pass selection interviews before gaining admission. Students enrolled in the SPRING programme are required to pay WEEKEND fee approved by the University.

### **iii. MSc. Development Policy and Planning (Kumasi Centres - Weekend)**

### **iv. MPhil. Development Policy and Planning (Kumasi Centres - Weekend)**

Students under this programme are initially enrolled in the **Master of Science** stage of the programme, with a duration of twelve (12) calendar months, ran in three (3) sessions of four (months) each. A successful completion of this stage, with passes in all taught courses and submission of a short dissertation will lead to the award of a Master of Science degree in Development Planning and Management. Those who obtain CWA of 70% or more at the end of the first year, may progress as MPhil Development Planning and Management Applicants for the second year, of another twelve (12) calendar months. Such Applicants would spend the academic year writing their theses and will be expected to complete the programme by the end of the second year.

The MSc/MPhil programme is designed for a wide range of professionals working in areas of development policy and planning in sectoral ministries, budgeting offices, Metropolitan, Municipal and District Assemblies as well

as the private sector. Applicants must have with a bachelor's degree in the Second-Class Division and above or its equivalent in the following programmes from recognized institutions are encouraged to apply: ***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.***

Applicants with post-graduation experience in industry or research may have an added advantage. All applicants must pass selection interviews before gaining admission. Students enrolled in the DEPP programme are required to pay WEEKEND fee approved by the University.

**v. MSc. Development Studies (Kumasi Centres - Weekend)**

**vi. MPhil. Development Studies (Kumasi Centres - Weekend)**

Students under this programme are initially enrolled in the **Master of Science** stage of the programme, with a duration of Programme. After twelve (12) calendar months, ran in three (3) sessions of four (months) each. A successful completion of this stage, with passes in all taught courses and submission of a short dissertation will lead to the award of, students who pass all the required courses will be awarded a Master of Science degree in Development Planning and Management. Those who obtain CWA of 70% or more at the end of the first year, may progress as MPhil Development Planning and Management Applicants for the second year, of another twelve (12) calendar months. Such Applicants would spend the academic year writing their theses and will be expected to complete the programme by the end of the second year.

The MSc/MPhil. Development Studies is opened to Planners, Managers, Administrators, and other professionals. Applicants must have a bachelor's degree in the Second-Class Division and above or its equivalent from recognized institutions in the following programmes: ***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 or other relevant programmes.***

Applicants with post-graduation experience in industry or research may have an added advantage. All applicants must pass selection interviews before gaining admission. Students enrolled in the MSc Development Studies programme are required to pay WEEKEND fee approved by the University.

**vii. MSc. Planning (Kumasi Centres - Weekend)**

**viii. MPhil. Planning (Kumasi Centres - Weekend)**

Students under this programme are initially enrolled in the **Master of Science** stage of the programme, with a duration of Programme. After twelve (12) calendar months, ran in three (3) sessions of four (months) each. A successful completion of this stage, with passes in all taught courses and submission of a short dissertation will lead to the award of, students who pass all the required courses will be awarded a Master of Science degree in Development Planning and Management. Those who obtain CWA of 70% or more at the end of the first year, may progress as MPhil Development Planning and Management Applicants for the second year, of another twelve (12) calendar months. Such Applicants would spend the academic year writing their theses and will be expected to complete the programme by the end of the second year.

All applicants must pass selection interviews before gaining admission.

Applicants for MSc/MPhil Development Studies must have obtained First Class or Second-Class Undergraduate degree in the following academic backgrounds from reputable institutions: ***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 other relevant programmes.*** In addition, applicants must have written a thesis on contemporary planning issues at the undergraduate level.

***Applicants who did not write thesis at the undergraduate level and those who wrote group projects may only be admitted under special circumstances.***

Applicants for the MSc /MPhil Planning must have obtained First Class Degrees or Second-Class Undergraduate degree in *Development Planning*,

*Settlement Planning* or any other related *Planning* degree from reputable institutions. Those whose degrees are not in *Planning* should not apply to the MSc/MPhil *Planning* programme. Students enrolled in the MSc/MPhil *Planning* programme are required to pay WEEKEND fees approved by the University.

**ix. MPhil. Transportation Planning (Kumasi Centres - Weekend)**

**x. MSc. Transportation Planning (Kumasi Centres - Weekend)**

Students under this programme are initially enrolled in the **Master of Science** stage of the programme, with a duration of twelve (12) calendar months, ran in three (3) sessions of four (months) each. A successful completion of this stage, with passes in all taught courses and submission of a short dissertation will lead to the award of a Master of Science degree in Development Planning and Management. Those who obtain CWA of 70% or more at the end of the first year, may progress as MPhil Development Planning and Management Applicants for the second year, of another twelve (12) calendar months. Such Applicants would spend the academic year writing their theses and will be expected to complete the programme by the end of the second year.

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. Applicants must have with a bachelor's degree in the Second-Class Division and above or its equivalent in the following programmes from recognized institutions are encouraged to apply: ***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.***

Applicants with B-Tech with at least 2 years' working experience in the relevant disciplines may be admitted after passing an interview.

Applicants with post-graduation experience in industry or research may have an added advantage. All applicants must pass selection interviews before gaining admission. Students enrolled in the MSc Transportation

Planning programme are required to pay WEEKEND fee approved by the University.

**xi. MSc. Urban Management Studies**

**xii. MPhil. Urban Management Studies**

Students under this programme are initially enrolled in the **Master of Science** stage of the programme, with a duration of Programme. After twelve (12) calendar months, ran in three (3) sessions of four (months) each. A successful completion of this stage, with passes in all taught courses and submission of a short dissertation will lead to the award of, students who pass all the required courses will be awarded a Master of Science degree in Development Planning and Management. Those who obtain CWA of 70% or more at the end of the first year, may progress as MPhil Development Planning and Management Applicants for the second year, of another twelve (12) calendar months. Such Applicants would spend the academic year writing their theses and will be expected to complete the programme by the end of the second year.

The MSc/MPhil. Development Studies is opened to Planners, Managers, Administrators and other professionals. Applicants must have a bachelor's degree in the Second-Class Division and above or its equivalent from recognized institutions in the following programmes: ***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 or other relevant programmes.***

Applicants with post-graduation experience in industry or research may have an added advantage. All applicants must pass selection interviews before gaining admission. Students enrolled in the MSc Urban Management Studies programme are required to pay WEEKEND fee approved by the University.

***NB: DIRECT ADMISSION INTO 2-YEAR MPhil PROGRAMMES***

The Department Board may grant direct admission into 2-year MPhil degrees in all the programmes listed under A above, if the following admission requirements are met:

- a. Applicant meets all the entry requirements stated under the programme of choice (as listed under A above).
- b. An applicant with First-Class (Hons) or a good Second-Class (Upper Division) from a recognised institution; and had undertaken individual undergraduate research, in partial fulfilment of his/her Bachelor's degree may be considered for a direct entry into a 2-Year MPhil programme.
- c. Applicant presents an excellent research proposal and defends same at the selection interview – At the interview these group of applicants will be intensively engaged on the focus of their proposed research and intended contribution(s) to knowledge. Applicants must show considerable knowledge and experience in their proposed/chosen research. In addition, applicants must prove themselves to be all-round Applicants, who can complete their taught courses and research in the 2-years allowed.
- d. Area(s) of proposed research fits into the Department's research agenda and supervisor can be assigned – At the selection interview, the relevance of the proposed research to the Department's broad research agenda will be determined [Please see the Department's website for details of research themes]. An applicant with a well-written and excellently delivered research proposal will be considered for a direct entry into a 2-year MPhil degree in his/her programme of choice, as listed under A above.

### xiii. **PhD. Development Studies**

### xiv. **PhD. Planning**

Applicants must hold a Master of Philosophy degree in related disciplines to be able to apply for any of the programmes above. Applicants with a two-year research-based master's degree in any relevant discipline are eligible to apply to any of the programmes above. Applicants with a 1-year master's degree maybe considered for admission but would have to be admitted into a one-year Master of Philosophy programme and would be eligible to be upgraded to the PhD programme after a satisfactory performance. Applicants for PhD (Development Studies) must hold a good *Master of Philosophy* degree in related disciplines or a *relevant Master's* degree from recognized universities. A good master's degree in the following

programmes is 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*** Applicants for the PhD Planning programme must hold a good *Master of Philosophy* degree or a *relevant Master's* degree in ***Planning*** from recognized universities. Those whose degrees are not in Planning should not apply to the PhD Planning programme.

Applicants with post-graduation experience in industry and proven research backgrounds in publications in reputable journals have added advantage. All applicants must pass through a competitive interview. *Applicants are encouraged to discuss their research proposals with a potential supervisor prior to submitting their applications. Applicants must copy the postgraduate director of such correspondence using the email address: [planningpgsch@knust.edu.gh](mailto:planningpgsch@knust.edu.gh).*

These research proposals must fall within ***the four (4) research clustered outlined below.***

#### **i. Sustainable Transport and Future Urban Spaces Cluster**

This research cluster focuses on promoting and advancing the efficient planning and delivery of transport and land use services within the urban environments focusing on Ghanaian and other African cities through the use of spatially integrated information and communication technology, emerging planning techniques, and smart cities model. A sustainable future urban space requires investments in human and social capital and transformation in transport system, and land use (spatial) planning to promote spatially integrated, socio-economic advancement and environmental protection in the anthropocene. The research focuses on the following areas:

*Urban mobility; Urbanisation; Land use/spatial planning; Transport infrastructure and services; Transport and road safety; Traffic segregation and urban development; Contestations and management of urban environments; Intermediate mode of transport; Transport affordability and access; Transport terminal development; Intelligent transport system; Public transport system.*

## ii. Social and Economic Resilience Cluster

This cluster serves to document, analyse and test effective practices in urban resilience in terms of social infrastructure and services accessibility, and economic development, paying special attention to urban sustainable infrastructure services and economic measures, which are critical in improving accessibility for, and wellbeing of, urban dwellers, particularly among the urban poor. The cluster will create evidence based on practical knowledge developed through research and stakeholders and communities for a paradigm shift in urban planning, encouraging improved and sustainable infrastructure provision and service delivery, and resilient local economy. Areas of research focus include:

*Water and sanitation sustainability; Housing supply; Resilient cities through the smart social service delivery; Sustainable economic development; Quality of life index and analysis; Infrastructure planning; Health and education systems; Urban agriculture.*

## iii. Governance, Social Justice and Inequality Cluster

This cluster focuses on analysing and promoting effective governance models, processes and tools to deliver sustainable urban development in line with current global trends (e.g., Sustainable Development Goals). The cluster aims to create an evidence base of practical knowledge and expertise involved in researching and delivering urban governance, alongside evaluation of such practices, to enable impact on education and policy, gender and empowerment, and inequality and poverty. The cluster has the aim to deliver more inclusive, participatory and effective governance, particularly in relation to the three universal trends of: gender and empowerment; poverty dynamics and inequality; and social justice. Areas of research focus include:

*Politics and planning; Participatory urbanism to empower citizen; Fostering partnerships and empowering women; urban safety and security; Prevention of urban violence, urban conflict and peace-building; Land governance, Decentralization; Poverty, Vulnerability and Social inclusion; Community participation in urban planning;*

## iv. Climate Transformation and Environmental Sustainability Cluster

This cluster brings together researchers and practitioners interested in how planning and experience shape contemporary climate transformation responses and environmental sustainability regimes. It focuses on understanding the relationship between people and their environments in this era of climate change. At the core of this interest is the desire to understand the complexities of people-place relationships. Specifically, members of this cluster conduct research on aspects of the relationship between people and their environments which have the potential to benefit the communities. Our research engages with contemporary dilemmas in environmental and climate planning, around issues of:

*Urban greenery; Natural resource management; Tourism studies; Reusing, recycling, regenerating materials, producing and using renewable energies; Regenerating the cultural heritage/landscape of cities; Waste management; Climate change adaptation; Natural disasters and climate change; Flood management.*

Upon admission, all students shall undertake a year's course work which they are expected to pass and obtained a CWA of 55 or above. Having passed all course work and with a CWA of 55 or above, all PhD students are required to take and pass a comprehensive examination administered by the Department.

PhD Applicants shall attend weekly Research Seminars and meet certain benchmarks set by the Department.

**All applicants who are currently working or those actively seeking for employment MUST NOT APPLY INTO THE FULL TIME PROGRAMME.** Such applicants MUST apply to the Part-Time programmes.

## 4. Department of Land Economy

### i. MSc. Real Estate (One Year - Weekend)

Applicants must have a Bachelor's degree (minimum of Second Class (Lower Division)) in Real Estate, Land Economy, Architecture, Business

Administration, Civil Engineering, Building Technology Construction Management, Estate Management, Quantity Surveying and Construction Economics and Planning from recognised institutions. Applicants with qualifications not stated above must have a minimum of two (2) years of work experience in the real estate industry. Preference will be given to Applicants with a minimum of two years' relevant industrial or research experience. All Applicants must attend a selection interview and pass the interview before admission.

#### **ii. MSc. Land Governance and Policy (One Year)**

Applicants must have a Bachelor's degree (minimum of Second Class (Lower Division)) in Land Economy, Real Estate, Planning, Law, Geomatic/Geodetic Engineering, Geography, Economics, Sociology, Agriculture, Environmental Studies, Natural Resources Management, Construction Technology Management and other related degree from recognised institutions. Preference will be given to Applicants with a minimum of two years' relevant industrial or research experience. All Applicants must attend a selection interview and pass the interview before admission.

#### **iii. MSc. Facilities Management (One Year)**

Applicants must have Bachelor's degree (minimum of Second Class (Lower Division)) in Real Estate, Architecture, Building Technology, Business Administration, Civil Engineering, Construction Management, Construction Technology and Management, Estate Management, Information Technology, 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. Preference will be given to Applicants with a minimum of two years relevant industrial or research experience. All Applicants must attend a selection interview and pass the interview before admission.

#### **iv. PhD. Land Management and Governance**

Applicants must have a Master of Philosophy degree or its equivalent from a recognised institution in Land Economy, Real Estate, Facilities

Management, Planning, Law, Geomatic Engineering, Geography, Economics, Sociology, Agriculture, Environmental Studies, Natural Resources Management, Urban Management, Development Studies or other related degrees. Preference shall be given to Applicants with relevant work experience. Applicants must attend and pass a selection interview. Applicants must submit a research proposal that focuses on the thematic areas of Land Management which shall be reviewed.

#### **• FACULTY OF ART**

##### **1. Department of Painting and Sculpture**

##### **i. MFA. Fine Art and Curatorial Practice with options in;**

- a. Painting*
- b. Sculpture*
- c. Expanded Fine Art*
- d. Curatorial Practice*
- e. Painting and Sculpture*

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

##### **ii. MPhil. African Art and Culture**

The applicant must have a good BA, BFA or Bed. (1st or 2nd Class) in any Arts discipline and a good pass (65% or above) in Research Methodology at the undergraduate level. The applicant must submit a synopsis on an appropriate topic that is relevant to arts and cultures of indigenous African society and a good pass (65% and above) in a written examination and interview to be determined by the Departmental Board.

The Master's Programme (Full-Time) is for a duration of Two (2) Academic Years and (Part-Time) Three (3) Academic Years.

**iii. PhD. Fine Art and Curatorial Practice with options in;**

- a. Painting*
- b. Sculpture*
- c. Expanded Fine Art Media*
- d. Curatorial Practice*
- e. Painting and Sculpture*

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

**iv. PhD. African Art and Culture**

At the time of application, applicants should possess bachelor's degree (Minimum of Second-Class Lower Division) or its equivalent in a relevant field of study from a recognized institution. Submit a synopsis on an appropriate topic that is relevant to arts and cultures of indigenous African societies. Applicants must have a MFA, or MPHIL. Art Education degree in any Arts discipline from a recognized university and have evidence of research scholarship: Thesis, Project Report, Journal article or other acceptable publication. Applicants must also submit a comprehensive Research Proposal on an appropriate topic in the Arts. Applicants must have a good pass (70% and above) at an entrance examination and / or interview to be determined by the Departmental Board.

**2. Department of Industrial Art**

**i. MFA. Ceramics**

Applicants must have a Bachelor's degree or its equivalent in BFA/BA in Ceramics (minimum of Second Class (Upper Division)). Applicants must submit ten images of work (portfolio) and one-page artist statement and pass a selection interview.

**ii. MFA. Jewellery and Metalsmithing**

Applicants must have a Bachelor's degree (minimum of Second Class (Lower Division)) in Metalsmithing and/or Jewelry or its equivalent.

Admission into the programme will be based on the assessment of the Applicants' Portfolio and artist statement.

**iii. MFA. Textiles and Fashion Design**

Applicants must have a BSc, BA, or BTech degree in Textile/Fashion with a minimum of Second Class (Upper Division) or its equivalent. Admission into the programme will be based on the assessment of the Applicants' portfolio. Applicants shall pass a selection interview.

**iv. MPhil. Textile Design Technology**

Applicants must have a BSc, BA, or BTech degree in Textile with a minimum of Second Class (Lower Division) or its equivalent from an accredited institution. Admission into the programme will be based on the assessment of the Applicants' portfolio. Applicants shall be required to submit a research proposal and pass a selection interview.

**v. MPhil. Ceramic Technology**

Applicants must have a Bachelor's degree (minimum of Second Class (Lower Division)) or its equivalent in Ceramics, Materials Science, and Engineering or a related Engineering or Science field. Applicants with qualifications in disciplines other than Ceramics, Materials Science, and Engineering may be required to audit some undergraduate courses to ensure that they have acquired aptitude in the Ceramics field. Applicants shall be required to submit a research proposal and pass a selection interview.

**vi. MPhil. Fashion Design Technology**

Applicants must have a BSc, BA, or BTech degree in Textile/Fashion with a minimum of Second Class (Lower Division) or its equivalent from an accredited institution. Admission into the programme will be based on the assessment of the Applicants' portfolio. Applicants shall be required to submit a research proposal and pass a selection interview.

**vii. PhD. Ceramic Technology**

Applicants must have a two-year research-based Master's degree or its equivalent in Ceramic Technology or any field of specialization relevant to the programme from a recognised university. Applicants shall be required

to pass a selection interview. Applicants with qualifications in disciplines other than Ceramic, Materials Science and Engineering would be required to audit some undergraduate to acquire aptitude for the programme. Applicants shall be required to submit a research proposal and pass a selection interview.

**NB:** All MFA programmes include research. International students from countries where English is not the official language will require proof of English proficiency. (TOEFL or British Council, IELTS)

### **viii. PhD Textile Design Technology**

Applicants must have a two-year research-based Masters' degree in Textile (e.g. MFA/MPhil) or its equivalent from an accredited institution. Admission into the programme will be based on the assessment of the Applicants' portfolio. Applicants shall be required to submit a research proposal and pass a selection interview.

### **ix. PhD Fashion Design Technology**

Applicants must have a two-year research-based Masters' degree in Fashion Design (e.g., MFA/MPhil) or its equivalent from an accredited institution. Admission into the programme will be based on the assessment of the Applicants' portfolio. Applicants shall be required to submit a research proposal and pass a selection interview.

## **3. Department of Indigenous Art and Technology**

### **i. MPhil. Integrated Art**

#### ***Areas of Specialization:***

- Fibres and Fabrics Technology
- Leather Technology
- Clay and Earthenware Technology
- Woodworking Technology
- Metal Fabrication Technology
- Rattan and Bamboo Technology
- Product Design Technology

Applicants must have a Bachelor's degree (minimum of Second Class (Upper Division)) in Integrated Rural Art and Industry or Bachelor's degree in design-based programmes such as Graphic Communication, Painting, Architecture, Computer Science and Engineering programmes or a closely related field. Applicants with Master of Integrated Art and Industry degree will be admitted to the Second Year of the MPhil programme. Applicants with a Second Class (Lower Division) and considerable relevant professional experience may also apply. Admission into the programme will be based on the assessment of the Applicants's portfolio and pass a selection interview in the areas of specialization.

## **4. Department of Publishing Studies**

### **i. MPhil. Publishing Studies**

Applicants must have a Bachelor's degree minimum of Second Class averaging 3.0 or greater GPA. Other related qualifications accompanied by substantial experience in an appropriate field may also be considered. A minimum of two years of work experience is an added advantage. Applicants must demonstrate basic competence in copy, editing and proof reading, excellent skill in spoken and written English, have basic principles of marketing and accounting and must be comfortable with publishing software (Adobe suites). Applicants shall be required pass a selection interview.

### **ii. MPhil. Publishing Studies (Top-Up)**

Applicants must have MA Publishing Studies degree. Other related qualifications accompanied by substantial experience in an appropriate field may also be considered. A minimum of two years of work experience is an added advantage. Applicants must demonstrate basic competence in copy, editing and proof reading, excellent skill in spoken and written English, have basic principles of marketing and accounting and must be comfortable with publishing software (Adobe suites). Applicants shall be required pass a selection interview.

## **5. Department of Communication Design**

### **i. MPhil. Communication Design**

Applicants must have Bachelor's degree (minimum of Second Class (Upper Division)) in one of the pathway areas in Communication design or design-related programme. Applicants shall be required to submit a 2-page summary of proposal for which a competent supervisor is readily available. Applicants shall be required to produce a good professional portfolio and pass a selection interview. Applicants shall 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. Applicants shall be required to demonstrate 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.

### **ii. PhD. Visual Communication Design**

Applicants must have a good two-year research-based Master's degree (MFA/MPhil) in Communication Design, Visual Communication, Graphic Design or a related area from an accredited institution. Applicants shall be required to submit a summary of proposal that he/she intends to work on and for which a competent supervisor is readily available. Applicants shall be required to pass a selection interview.

## **FACULTY OF EDUCATIONAL STUDIES**

### **1. Department of Educational Innovations in Science and Technology**

#### **i. MPhil. Art Education (General and Specialisation)**

Applicants must have a BA, BFA or B.Ed. (minimum of Second Class (Lower Division)) degree in any Visual Arts discipline. Applicants must have at least 60% in Research Methodology and Thesis Writing at the undergraduate level. Applicants must submit a research proposal on an appropriate topic that is relevant to teaching, learning, and administration of

the Arts, Vocational or General Education. Applicants must pass an entrance examination and interview with a minimum of 65%.

#### **ii. Master of Education (M.Ed.) - General Education (Regular)**

Applicants must have a BSc, BA, BFA or B.Ed. (minimum of Second Class (Lower Division)) degree in an appropriate field of study from a recognised university. Applicants must have a minimum of 60% in Research Methodology and Thesis writing at the undergraduate level. Applicants with at least one year classroom teaching or school administration experience would be at an advantage. Applicants who does not satisfy the requirement stated above but is otherwise adjudged suitable by the Department Board, shall, where practicable, be interviewed and in addition may be required to take an entrance examination.

#### **iii. MSc. Educational Innovation and Leadership Science (Regular)**

Applicants must have a BA, BFA or B.Ed. (minimum of Second Class (Lower Division)) degree in any discipline. Applicants must have a minimum of 60% in Research Methodology and Thesis writing at the undergraduate level. Applicants must have at least one year classroom teaching or school administration experience.

#### **iv. MPhil. Educational Innovation and Leadership Science (Regular)**

Applicants must have an MA in Education, M.Ed., MSc or a B.Ed. (minimum of Second Class (Lower Division) in any discipline. Applicants must have a minimum of 60% in Research in Methodology and Thesis writing at the postgraduate or undergraduate level. Applicants must submit research proposal on an appropriate topic that is relevant to teaching, learning and administration or General Education and a Statement of Purpose of about 500 to 700 words. Applicants must have at least one-year classroom teaching or school administration experience.

#### **v. PhD. Art Education (General and Specialisation)**

Applicants must have an MPhil in Fine Art, Art Education, or any Visual Arts discipline from a recognized university. Applicants must show evidence of a research scholarship: Thesis, Project Report, Journal article or other acceptable publication. Applicants must also submit a comprehensive

research proposal on an appropriate topic in any Visual Arts discipline or Arts Administration. Applicants must pass an entrance examination and interview with a minimum of 70%.

## **2. Department of Teacher Education**

### **i. MPhil. Educational Planning and Administration (Regular 2 years)**

Applicants with a good first degree with a CGPA of 3.0 or CWA of 60 and above in any education discipline or related field may enroll on the MPhil in Educational Planning and Administration for two years. Applicants with a good first degree in a non-education related area and possessing a professional educational certificate (e.g., Master of Education, Postgraduate Diploma in Education, or Diploma in Education) may enroll in the MPhil (Educational Planning and administration) programme. In addition, Applicants will be required to attend a selection interview.

### **ii. EDD. Educational Planning and Administration (Regular)**

Applicants must have Bachelor's degree with a CGPA of 3.0 or CWA of 60 or above in any Education discipline or related field. Applicants must have a professional education certificate (Masters in Higher Education Pedagogy, Postgraduate Diploma in Education, Diploma in Education). Applicants with relevant professional experience in educational administration, management, and leadership not less than three (3) years. **In addition, Applicants will be required to attend and pass a selection interview.**

### **iii. MPhil. Mathematics Education (Regular - 2 years)**

Applicants must have a Bachelor's degree with CGPA of 3.0 or CWA of 60 or better in Mathematics Education or any related discipline. Applicants with a Bachelor's degree with CGPA of 3.0 or CWA of 60 or better in Mathematics or any related discipline and has a MEd in Education, PGD in Education or Diploma in Education may enroll on the programme. Applicants with MEd/MSc/MA in Mathematics Education or any related area (without research) from a recognized university with a CGPA of above

2.5 or CWA of 60 may enroll on the programme. In addition, Applicants will be required to attend a selection interview.

### **iv. MPhil. ICT Education (Regular – 2 years)**

Applicants must have Bachelor's degree with CGPA of 3.0 or CWA of 60 or better in any ICT in Education related discipline from a recognised university. Applicants with Bachelor's degree with CGPA of 3.0 or CWA of 60 or better in any ICT related discipline from a recognised university and has an MEd in Education, PGD in education or Diploma in Education may enroll on the programme. Applicants with MEd/MSc in any ICT related discipline without research from a recognized university with a CGPA of above 2.5 or CWA of 60 and has a MEd in Education, PGD in education or Diploma in Education may enroll on the programme. In addition, Applicants will be required to attend a selection interview.

### **v. MPhil. Science Education (Regular – 2 years)**

Applicants with BEd. Science Education, BEd. Biology Education, BEd. Physics Education or BEd. Chemistry Education with CGPA of 3.0 or CWA of 60 or better from a recognised university may enroll on the programme. Applicants with BSc. Physics, Chemistry or Biology with CGPA of 3.0 or CWA of 60 or better from a recognised university and has a MEd in Education, PGD in Education or Diploma in Education may enroll on the programme. In addition, Applicants will be required to attend a selection interview.

### **vi. PhD. ICT Education (Regular)**

### **vii. PhD. Mathematics Education (Regular)**

### **viii. PhD. Educational Planning and Administration (Regular)**

Applicants with MPhil in Educational Planning, Management, Leadership or Administration or any related area from a recognised university and with a CGPA of 3.0 or CWA of 60 or higher. Applicants must have a professional education certificate (Masters in Higher Education Pedagogy, Postgraduate Diploma in Education, Diploma in Education).

## **SANDWICH PROGRAMMES (TO BE RUN ONLINE AND FACE-TO-FACE DURING GES VACATION)**

### **i. Masters in Higher Education Pedagogy**

Applicants with a non-education bachelor's degree from an accredited institution with a CGPA of 2.5 or a CWA of 50.0 which is second-class lower or better. Applicants MUST be a lecturer, tutor, or instructor in a tertiary institution. In addition, Applicants will be required to attend a selection interview.

### **ii. MEd. Educational Planning and Administration**

Applicants must have a Bachelor's degree with a CGPA of 2.5 or CWA of 55 and above in any education discipline or related field or a good Bachelor's degree in a non-education related area but has a MEd in Education, PGD in Education or Diploma in Education. In addition, Applicants will be required to attend a selection interview.

### **iii. MEd. Mathematics Education**

Applicants must have a Bachelor's degree in Mathematics Education or any related discipline or a good Bachelor's degree in Mathematics, Statistics or Actuarial Science or any related discipline and has a MEd in Education, PGD in Education or Diploma in Education. In addition, Applicants will be required to attend a selection interview.

### **iv. MEd. ICT Education**

Applicants must have a Bachelor's degree in any ICT Education related discipline from a recognised university OR Applicants with a good Bachelor's degree in any ICT-related discipline from a recognised university and have a MEd in Education, PGD in Education or Diploma in Education. In addition, Applicants will be required to attend a selection interview.

### **v. Post Graduate Diploma in Education**

Applicants with a non-education bachelor's degree from an accredited institution with a CGPA of 2.5 or a CWA of 50.0 which is second class

lower or better. Applicants should be a teacher or have intentions of teaching at any level of Ghana's education system.

## **C. COLLEGE OF ENGINEERING**

### **• FACULTY OF CIVIL AND GEO-ENGINEERING**

#### **1. Department of Civil Engineering**

##### **i. MSc. Geotechnical Engineering (Regular, Weekend)**

##### **ii. MPhil. Geotechnical Engineering (Full-Time)**

Applicants must have a Bachelor's degree (minimum of Second Class Upper Division) or its equivalent in Civil Engineering, Geological Engineering, or any field relevant to the programme from a recognized University. Applicants with other qualifications shall be interviewed by an admissions committee and, if necessary, may be required to take a written examination before admission. Applicants shall be interviewed by an admissions committee and those who have relevant experience, and qualifications and pass the interview will be admitted.

##### **iii. MSc. Structural Engineering (Regular, Weekend)**

##### **iv. MPhil. Structural Engineering (Full-Time)**

Applicants must have a Bachelor's degree (minimum of Second Class Honours Upper Division) or its equivalent in BSc Civil Engineering from a recognized University. Admission may be offered to applicants with Second Class (Lower Division) degree provided they have considerable relevant professional experience. A Applicants who does not satisfy the above requirements but is otherwise adjudged suitable by the Departmental Board shall, where applicable be interviewed for admission. Applicants shall be interviewed by an admissions committee and those who have relevant experience, and qualification and pass the interview will be admitted.

##### **v. PhD. Geotechnical Engineering**

Applicants must have in Master's degree in Geotechnical Engineering, Geological Engineering, and other relevant disciplines, with a cumulative

weighted average of at least 60, from a recognized University. Applicants with some publications in a journal as first authors have an advantage. Applicants must provide evidence of current and previous employment. Applicants shall be interviewed by an admissions committee and those who have relevant experience, qualification and pass the interview will be admitted.

**vi. PhD. Structural Engineering**

Applicants must have a Master's degree in Structural Engineering and other relevant disciplines, with an average of at least 60, from a recognized University. Applicants with some publications in a journal as first authors have an advantage. Applicants must provide evidence of current and previous employment. Applicants shall be interviewed by an admissions committee and those who have relevant experience, qualification and pass the interview will be admitted.

**WORLD BANK AFRICA CENTRE OF EXCELLENCE (ACE)  
REGIONAL WATER AND ENVIRONMENTAL SANITATION  
CENTRE KUMASI (RWESCK)**

**vii. MSc. Disaster Prevention and Management (Regular, Weekend)**

**viii. MSc. Water Engineering (Regular, Weekend)**

**ix. MSc. Water Resources Engineering and Management (Regular, Weekend)**

**x. MPhil. Water Resources Engineering and Management (Full-Time)**

Applicants must have a Bachelor's degree (minimum of Second Class Upper Division) or its equivalent in Civil Engineering, Environmental Engineering, Agricultural Engineering, Geological Engineering, Geomatic Engineering, Applied Physics, Water Resources Management, Natural Resources Management or any field relevant to the water resources (for Disaster Prevention and Management – any discipline with experiences relevant to disasters) from a recognized University. Applicants shall be interviewed by an admissions committee and those who have relevant experience, qualification and pass the interview will be admitted.

**xi. MSc. Water Supply Engineering and Management (Regular, Weekend)**

**xii. MSc. Environmental Sanitation and Waste Management (Regular, Weekend)**

**xiii. MSc. Water Supply and Environmental Sanitation (Full-Time)**

**xiv. MPhil. Water Supply and Environmental Sanitation (Full-Time)**

Applicants must have a Bachelor's degree (minimum of Second Class Upper Divisions) or its equivalent from a recognized University in Civil Engineering, Chemical Engineering, Environmental Engineering, Geomatic Engineering, Mechanical Engineering, Chemistry, Environmental Science, or any field relevant to the water supply and environmental sanitation from a recognized University. Applicants shall be interviewed by an admissions committee and those who have relevant experience, qualification and pass the interview will be admitted.

**xv. PhD. Environmental Sanitation and Waste Management**

Applicants must have a Master's degree in Water and Sanitation, Civil Engineering, Environmental Engineering, Environmental science/management, Chemical Engineering, chemistry and other relevant physical science disciplines, with a cumulative weighted average of at least 60, from a recognized University. Applicants with some publications in journals as first authors have an advantage. Applicants shall be interviewed by an admissions committee and those who have relevant experience, qualification and pass the interview will be admitted. Applicants must submit a research proposal on the following research themes and prepare for presentation at the selection interview:

- **Digital Solutions:** *Digital innovations in faecal sludge, wastewater and solid waste management using GIS-web-based and IoT integrated systems, artificial intelligence and data analytics, digital solutions in sanitation management,*
- **Waste engineering:** *waste processing technology to enhance industrial symbiosis and eco-efficiency in circular economy, Low-cost on-site sanitation toilet technologies, Innovative waste treatment and conversion technology such as waste-to-green energy, waste-to-fertilizers with nutrients amendments, and food waste-to-animal feed, thermal treatment and bio-adsorbents for faecal sludge treatment and odour control,*

*remediation of industrial wastewater and remediation of artisanal mining sites.*

**xvi. PhD. Water Resources Management**

Applicants must have in Master's degree in Water Resources, Environmental Engineering, Agricultural Engineering (Soil and Water Engineering option), Hydrology, Hydrogeology, Natural Resources, Mathematics, and other relevant physical science disciplines, with a cumulative weighted average of at least 60, from a recognized University. Applicants with some publications in journals as first author have an advantage. Applicants shall be interviewed by an admissions committee and those who have relevant experience, qualification and pass the interview will be admitted. Applicants must submit a research proposal on the following research themes and prepare for presentation at selection interview:

- **Digital Solutions:** *Computational flow dynamics (CFD), digital real-time systems, artificial intelligence and data analytics, tools and innovative technologies, GIS, remote sensing technology, web-based application for water resources management.*
- **Climate resilience systems:** *Climate resilience water resources management, Water Management, hydrological modelling, flood management, and urban water cycle management, irrigation water management, soil moisture dynamics modelling,*
- **Groundwater hydrogeology:** *managed-aquifer recharge, groundwater recharge modelling, optimising soil moisture dynamics, and isotope for water management.*

**xvii. PhD. Water Supply and Treatment Technology**

Applicants must have a Master's degree in Water and Sanitation Engineering, Environmental Engineering, Civil Engineering (Water Treatment), Analytical Chemistry, Chemical Engineering, and other relevant physical science disciplines, with a cumulative weighted average of at least 60, from a recognized University. Applicants with some

publications in journals as first authors have an advantage. Applicants shall be interviewed by an admissions committee and those who have relevant experience, qualification and pass the interview will be admitted. Applicants must submit a research proposal on the following research themes and prepare for presentation at the selection interview:

- **Digital Water Solutions:** *GIS, remote sensing, web-based application for water supply system management, digital real-time systems, Optimising water supply systems management with data analytics and Artificial Intelligence applications and SMART water instrumentation, and the application of tools and technology for water distribution leakage reduction and non-revenue water management,*
- **Water treatment:** *Removal of water contaminants using innovative nanomaterials, membrane modules and adsorbents (metal-oxide coated media and zeolites) in drinking water treatment, membrane technology and membrane modules development,*

**WORLD BANK AFRICA CENTRE OF EXCELLENCE (ACE)  
REGIONAL TRANSPORT RESEARCH AND EDUCATION  
CENTRE KUMASI (TRECK)**

**xviii. PhD. Transport Systems**

**xix. PhD. Highway & Transportation Engineering**

**xx. MSc. Transport Systems (Infrastructure and Engineering)**

**xxi. MPhil. Transport Systems (Infrastructure and Engineering)**

Applicants must have a Bachelor's degree (minimum of Second Class Upper Divisions) or its equivalent from a recognized University in Civil Engineering, Geological Engineering, Geomatic Engineering and any other engineering discipline related to transport, with good mathematical skills. Applicants whose qualifications do not directly align with the above requirements will have their academic transcripts assessed and, if found acceptable, will be invited to an interview. Applicants shall be interviewed by an admissions committee and those who have relevant experience, qualification and pass the interview will be admitted.

**xxii. MSc. Transport Systems (Urban Transport and Operations)**

**xxiii. MPhil. Transport Systems (Urban Transport and Operations)**

Applicants must have a Bachelor's degree (minimum of Second Class Upper Divisions) or its equivalent from a recognized University in Mathematics, Statistics, Physics, Planning, Architecture, Building Technology, Construction Management, Development Studies, Geography or any engineering discipline related to transport. Applicants whose qualifications do not directly align with the above requirements will have their academic transcripts assessed and, if found acceptable, will be invited to an interview. Applicants shall be interviewed by an admissions committee and those who have relevant experience in the transport sector, qualification and pass the interview will be admitted.

## **2. Department of Geomatic Engineering**

- i. MSc. Geomatic Engineering**
- ii. MPhil. Geomatic Engineering**

Applicants must have Bachelor's degree (minimum of Second Class (Lower Division)) or its equivalent from a recognised University in the relevant field of study. Applicants shall be required to pass a selection interview to determine their suitability and preparedness or otherwise for the programme.

- iii. MSc. Geographic Information System**
- iv. MPhil. Geographic Information System**

Applicants must have Bachelor's degree (minimum of Second Class (Lower Division)) or its equivalent from a recognised university in 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, or Geography and Rural Development. Applicants with Pass in any of the areas listed above must have in addition, a minimum of two (2) years post-graduate industrial work experience. Applicants shall be required to pass a selection interview to determine their suitability and preparedness or otherwise for the programme.

## **v. PhD. Geomatic Engineering**

Applicants must have a Master's degree in Geomatic Engineering or its equivalent from a recognised Institution and shall submit evidence of adequate training and ability to undertake the proposed programme. Applicants shall be required to pass a selection interview to determine their suitability and preparedness or otherwise for the programme.

## **3. Department of Petroleum Engineering**

- i. MSc. Petroleum Engineering**
- ii. MPhil. Petroleum Engineering**
- iii. MSc. Petroleum Geoscience**
- iv. MPhil. Petroleum Geoscience**

i. Applicants with a Bachelor's degree with a First Class or Second Class (Upper Division) or Postgraduate Diploma in Petroleum Engineering or its equivalent from a recognized University.

ii. Applicants with any Bachelor's degree with a First Class or Second Class (Upper Division) or Postgraduate Diploma in Engineering or its equivalent from a recognized university WITH Minimum of Three years' oil and gas work experience

iii. Applicants with any Bachelor's degree in Sciences with a First Class or Second Class (Upper Division) OR Postgraduate Diploma such as in Physics, Chemistry or Mathematics or its equivalent from a recognized university WITH Minimum of Four years' oil and gas work experience

Applicants with qualifications such as in (ii) & (iii) would be required to take a written examination before admission and on selection will be required to take introductory courses in petroleum engineering for applicants in ii) and Both Engineering and introductory Petroleum Engineering courses for applicants in (iii) as a bridging course within 6 months prior to commencement of the MPhil programme.

For all Applicants whose working language is not English must show that they have good command of both spoken and written English. Wherever necessary, arrangements will be made with the Department of Languages (KNUST) for the acquisition of the necessary English language skills prior

to the commencement of the course. All Prospective applicants are to pass a selection interview.

**v. PhD. Petroleum Engineering**

Applicants will have a Master degree (MSc/MPhil) in Petroleum Engineering from KNUST or any recognized institution. Applicants must already be enrolled in the MPhil Petroleum Engineering Programme who have CWA of 70 and above at the end of first year and can demonstrate the ability to exercise independent critical thinking can apply to the Departmental Board as Applicants for the PhD programme.

Applicants without MPhil in Petroleum Engineering but have Master's degree in other Engineering disciplines from KNUST or a recognized institution will be enrolled into the MPhil in Petroleum Engineering so as to take and pass relevant taught courses at the end of year before consideration is given for entry into the PhD Petroleum Engineering programme.

Applicants with Masters degrees in Science related disciplines such as in Physics, Chemistry or Mathematics from KNUST or any other recognized university and have a proven minimum of 5 years' relevant oil and gas Upstream Technical industrial experience will be considered but will enroll into the MPhil Petroleum engineering programme to take and pass taught courses before consideration for entry into the PhD programme at the end of year 1. All categories of Applicants shall pass an interview conducted by the department. Based on recommendation from the interview panel, some category of successful applicants may be required to audit relevant courses at the master's level as prescribed by the Departmental Board.

**4. Department of Geological Engineering**

**i. MSc. Geophysical Engineering**

Applicants must have a Bachelor's degree (minimum of Second Class (Upper Division)) or its equivalent in Geological Engineering, Civil Engineering, Mining Engineering, Petroleum Engineering, Geophysics, Physics, Geology, Earth Science, Agricultural Engineering or any field of specialisation relevant to the programme from a recognised University.

Applicants with a Second Class (Lower Division) must have at least three (3) years of relevant experience. Applicants with degrees in other engineering/science disciplines (e.g. Agricultural Science, Mathematics, Electrical Engineering, etc.) may be required to take prerequisite courses to make up for deficiencies in undergraduate geological sciences. In addition, Applicants will be required to attend a selection interview.

**ii. MSc. Geological Engineering**

**iii. MPhil. Geological Engineering**

Applicants must have a Bachelor's degree (minimum of Second Class (Upper Division)) or its equivalent in Geological Engineering, Geology or any earth science related field from a recognised University. Applicants with Second Class (Lower Division) in Geological Engineering, Geology or any earth science related field from a recognised University must have at least three (3) years of relevant experience. In addition, Applicants will be required to attend a selection interview.

**iv. PhD. Geological Engineering**

Applicants must have a Master's degree or its equivalent in Geology, Geological Engineering or any earth science related field from a recognised institution, and must provide evidence of adequate training and ability to undertake a proposed research. In addition, Applicants will be required to attend a selection interview.

• **FACULTY OF ELECTRICAL & COMPUTER ENGINEERING**

**1. Department of Electrical and Electronic Engineering**

**i. MPhil. Power Systems Engineering**

Applicants must have Bachelor's degree (BSc/BEng) (minimum of Second Class (Lower Division)) in Electrical and Electronic Engineering Disciplines from a recognised University. In addition, Applicants will be required to attend a selection interview.

## **ii. PhD. Electric & Electronic Engineering**

Applicants must have a MSc/MEng/MPhil degree in Power Systems Engineering or Electrical and Electronic Engineering from a recognised University. In addition, Applicants will be required to attend a selection interview.

## **2. Department of Computer Engineering**

### **i. MPhil. Computer Engineering**

Applicants must have a Bachelor's degree (minimum of Second Class (Upper Division)) or its equivalent in Computer Engineering, Electrical and Electronic Engineering, Telecommunication Engineering or any field of specialisation relevant to the programme from a recognised University. Applicants who do not meet the above requirement may be admitted subject to passing a selection interview. Such Applicants may be required to take some recommended courses to make up for deficiencies which may be identified as a result of their background.

### **ii. PhD. Computer Engineering**

Applicants must have a Master's degree (Two year MSc with research/MPhil) or its equivalent in Computer Engineering, Electrical or Electronic Engineering, Telecommunication Engineering or any field of specialisation relevant to the programme from a recognised University. Applicants who do not meet this requirement may be admitted subject to passing a selection interview. Such Applicants may be required to take some recommended courses to make up for deficiencies which may be identified as a result of their background.

*International students from countries where English is not the official language must have proof of English proficiency from an Internationally approved English examination (IELTS, TOEFL etc.) or be available to attend a three (3) months English Language course.*

## **3. Department of Telecommunication Engineering**

### **i. MPhil. Telecommunication Engineering**

Applicants must have a Bachelor's degree (minimum of Second Class (Upper Division)) in Telecommunication Engineering, Electrical/Electronic Engineering, Computer Engineering, Sciences or Mathematics disciplines from a recognised University. Applicants who have Second Class (Lower Division) from KNUST and those who did not obtain their degrees from KNUST would be required to pass a selection interview. Applicants from Science or Mathematics disciplines would be required to take sufficient Engineering background courses from the undergraduate level.

### **ii. PhD. Telecommunication Engineering**

Applicants must have an MSc/MPhil degree in Telecommunication Engineering, Electrical Engineering, and Computer Engineering from a recognised University. Applicants must have Bachelor's degree (minimum of Second Class (Upper Division)).

## **• FACULTY OF MECHANICAL & CHEMICAL ENGINEERING**

### **1. Department of Chemical Engineering**

#### **i. MPhil. Chemical Engineering**

Applicants must have Bachelor's degree (minimum of Second Class (Upper Division)) in Chemical Engineering or other engineering/science disciplines. Consideration would also be given to Applicants with Second Class (Lower Division) with at least three years of relevant work experience. All Applicants shall be required to submit a synopsis of their research proposal, clearly stating the member(s) of staff willing to supervise the research. All Applicants will be required to pass a selection interview and demonstrate the ability to fund or prove their source funds for their research.

#### **ii. PhD. Chemical Engineering**

Applicants must have a Master's degree (MSc/MPhil) in a relevant field from a recognized university. The Bachelor's degree of the applicant should

not be lower than a Second Class (Upper Division) or its equivalent in Chemical Engineering or related fields. All Applicants will be required to pass a selection interview and demonstrate the ability to fund or prove their source funds for their research. All Applicants shall be required to submit a synopsis of their research proposal.

## **2. Department of Agricultural and Biosystems Engineering**

- i. MPhil. Agricultural Machinery Engineering**
- ii. MPhil. Agro-Environmental Engineering**
- iii. MPhil. Bio-Engineering**
- iv. MPhil. Food and Post-Harvest Engineering**
- v. MPhil. Soil and Water Engineering**

Applicants must have Bachelor's degree (minimum of Second Class (Lower Division) in Agricultural Engineering or other related Engineering disciplines.

Applicants with a Bachelor's degree (minimum of Second Class (Lower Division)) in Agricultural Science, Food Science Technology, Postharvest must have a minimum of two years relevant post qualification work experience. Applicants may be required to attend and pass a selection interview.

### **vi. MPhil. Intellectual Property (MIP)**

*The degree is jointly offered by the African Regional Intellectual Property Organisation (ARIPO), Kwame Nkrumah University of Science and Technology (KNUST), Kumasi and the 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, the European Union Intellectual Property Office (EUIPO) and other experts drawn from across Africa.*

*With a view to contributing to the development of human resources in the field of Intellectual Property in Africa, ARIPO will provide 5 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.*

Applicants must have a Bachelor's degree (Second Class Division) from a recognised university in any discipline and a minimum of two (2) years work experience. International students from countries where English is not the official language will require proof of English proficiency from an Internationally approved English examination (IELTS, TOEFL etc.).

- vii. PhD Agricultural Machinery Engineering**
- viii. PhD Agro-Environmental Engineering**
- ix. PhD Bio-Engineering**
- x. PhD Food and Post-Harvest Engineering**
- xi. PhD Soil and Water Engineering**

Applicants must have an MPhil degree in the relevant specialisation from a recognised university. Applicants may gain direct entry or undergo a selection interview prior to admission into the programme. Applicants must provide an outline of research proposal (synopsis) and statement of purpose.

## **3. Department of Mechanical Engineering**

- i. MPhil. Mechanical Eng. (Thermo-Fluids and Energy Systems)**
- ii. MPhil. Mechanical Eng. (Applied Mechanics)**
- iii. MPhil. Mechanical Eng. (Design and Manufacturing)**

A student with a first degree in Mechanical Engineering or related disciplines from a recognized university, with a minimum of Second-Class upper division will be admitted into the MPhil programme. An applicant with second class lower division in Mechanical Engineering or related discipline may be admitted.

### **iv. MPhil. Renewable Energy Technologies**

An applicant must have an engineering or science degree from a recognised University with a minimum of Second-Class Upper Division.

Applicants with a Second Class (Lower Division) must have at least two (2) years industrial experience and must pass a selection interview.

**v. MPhil. Mechanical Eng. (Thermo-Fluids and Energy Systems) Top-Up**

**vi. MPhil. Mechanical Eng. (Applied Mechanics) Top-Up**

**vii. MPhil. Mechanical Eng. (Design and Manufacturing) Top-Up**

Applicants must have a one-year taught masters or two-year taught masters' degree in Mechanical Engineering or related Engineering disciplines from a recognised university.

**viii. PhD. Mechanical Engineering**

**ix. PhD. Sustainable Energy Technologies**

Applicants must have a good Masters (research based) degree in Mechanical Engineering or related discipline from a recognised University. Applicants are required to submit good research proposal with a maximum of one thousand words and pass a selection interview.

#### **4. Department of Materials Engineering**

**i. MPhil. Environmental Resources Management**

Applicants must have a Bachelor's degree (minimum of Second Class (Upper Division)) or its equivalent in Mineral Processing, Material Science and Engineering, Architecture, Agriculture, Renewable Natural Resources, Earth and Physical Sciences. Applicants with Second Class (Lower Division) would be interviewed before admission. Applicants must also have some industrial experience. Applicants with other degrees but with a minimum of five (5) years of related work experience would be interviewed before admission.

**ii. MPhil. Materials Engineering**

Applicants must have a Bachelor's degree (minimum of Second Class (Upper Division)) or equivalent in Engineering and Sciences or any field of specialisation relevant to the programme from a recognised university.

Applicants with Second Class (Lower Division) must have at least three (3) years of relevant experience. Applicants in Engineering/Sciences disciplines such as Chemistry, Physics, Mathematics, Electrical Engineering, etc. may be required to take prerequisite courses to make up for deficiencies in undergraduate Materials Engineering.

*For Non-English-speaking applicants, arrangements may be made with the Department of Languages for necessary English language skills prior to embarking on the programme.*

**iii. PhD. Materials Engineering**

Applicants must have an MSc/MPhil degree or its equivalent in Materials Engineering, Civil Engineering, Mining Engineering, Petroleum Engineering, Metallurgical Engineering, Chemical Engineering, or any field of specialisation relevant to the programme from a recognised university.

*For Non-English-speaking applicants, arrangements may be made with the Department of Languages for necessary English language skills prior to embarking on the programme.*

#### **D. COLLEGE OF HEALTH SCIENCES**

##### **• FACULTY OF PHARMACY AND PHARMACEUTICAL SCIENCES**

#### **1. Department of Pharmaceutics**

**i. MSc. Pharmaceutical Technology**

Applicants must have a Bachelor's degree (minimum of Second Class (Lower Division) or equivalent degree in Pharmacy (BPharm/PharmD), Chemistry, Biochemistry, Herbal Medicine, Chemical Engineering and other related disciplines from a recognised institution. Short-listed Applicants must pass a selection interview. International Applicants from non-English speaking countries must possess adequate level of English proficiency.

## **ii. MPhil. Pharmaceutics**

Applicants must have a Bachelor's degree (minimum of Second Class (Lower Division) or equivalent degree in Pharmacy (BPharm/PharmD), Chemistry, Biochemistry, Herbal Medicine, Chemical Engineering or other related disciplines from a recognised institution. International Applicants from non-English speaking countries must possess adequate level of English proficiency. Short-listed Applicants must pass a selection interview.

## **iii. MPhil. Pharmaceutical Microbiology**

Applicants must have a Bachelor's degree (minimum of Second Class (Lower Division) or equivalent degree in Pharmacy (BPharm/PharmD), Herbal Medicine, Biology, Biological Sciences, Biochemistry, Biomedical Sciences, Medical Laboratory Technology, and other related disciplines from a recognised institution. International Applicants from non-English speaking countries must possess adequate level of English proficiency. Short-listed Applicants must pass a selection interview.

## **iv. PhD. Pharmaceutics**

Applicants 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. Applicants must have a good Master's degree MPhil or its equivalent in Pharmaceutical Sciences, Drug delivery, Drug Design and Formulation and other related disciplines from a recognised institution. Applicants must have a good Bachelor's degree (minimum of Second Class (Lower Division) or equivalent degree in Pharmacy (BPharm/PharmD), Chemistry, Biochemistry, Herbal Medicine, Chemical Engineering and other related disciplines from a recognised institution. Short-listed Applicants must pass a selection interview. International Applicants from non-English speaking countries must possess adequate level of English proficiency.

## **v. PhD. Pharmaceutical Microbiology**

Applicants 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. Applicants must have a good Bachelor's degree (minimum of Second Class (Lower Division) or equivalent degree in Pharmacy (BPharm/PharmD), Herbal Medicine, Biology, Biological Sciences, Biochemistry, Biomedical Sciences, Medical Laboratory Technology, and other related disciplines from a recognised institution. Applicants must have a good Master's degree (MPhil) in Pharmaceutical Microbiology, Microbiology, Biotechnology and other related disciplines from a recognised institution. Short-listed Applicants must pass a selection interview. International Applicants from non-English speaking countries must possess adequate level of English proficiency.

## **2. Department of Pharmacognosy**

### **i. MPhil. Pharmacognosy**

Applicants must have a pass in Doctor of Pharmacy degree or Bachelor of Pharmacy degree (minimum of Second Class (Lower Division)) or its equivalent in Biology, Chemistry, Biochemistry, Agriculture or a related field in the Biomedical Sciences. Applicants must pass a selection interview.

### **ii. PhD. Pharmacognosy**

Applicants must have a MPhil. degree in any of the Pharmaceutical Sciences; e.g. Pharmacognosy, Pharmacology, Pharmaceutical Chemistry, Pharmaceutics, Herbal Medicine, Chemistry or a related field in the Biomedical Sciences from an accredited institution. All applicants will be interviewed prior to the offer of admission.

## **3. Department of Pharmaceutical Chemistry**

**i. MPhil. 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.*

Applicants seeking to gain admission into the MPhil programme should have a good first degree (First class or Second Class Upper Division or its

equivalent) in Pharmacy, Biochemistry, Chemistry and related fields. Applicants may attend a selection interview.

**ii. PhD. 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.*

Applicants applying for Ph.D. admission must have a minimum of MPhil in Pharmaceutical Chemistry and /or related disciplines such as 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 in taught courses. Applicants may be subjected to attend a selection interview.

#### **4. Department of Pharmacy Practice**

##### **i. MPhil. Clinical Pharmacy (Full-Time)**

Applicants must have Bachelor of Pharmacy degree with a minimum of Second Class Upper Division or a Doctor of Pharmacy degree (with CWA of 55 or above) from a recognised Institution. In addition, Applicants will be required to attend and pass a selection interview.

##### **ii. PhD. Clinical Pharmacy**

Applicants must have a Master's degree (Two-year MSc/MPhil) in Clinical Pharmacy from a recognised Institution. In addition, Applicants will be required to attend and pass a selection interview.

##### **iii. PhD. Social Pharmacy**

Applicants must have a Master's degree (Two-year MSc/MPhil) in Pharmacy, Public Health, Psychology, or related disciplines from a recognised Institution. In addition, Applicants will be required to attend and pass a selection interview.

#### **5. Department of Pharmacology**

##### **i. MPhil Pharmacology**

Applicants must have a Bachelor's degree (minimum of Second Class (Lower Division)) in Pharmacy, Medicine, Biochemistry, Biology or a related field in the Biomedical Sciences. All Applicants must present letters of recommendation from three referees. All Applicants will have to attend and pass a selection interview.

##### **ii. MPhil Clinical Pharmacology**

Applicants must have Bachelor's degree (minimum of Second Class (Lower Division)) in the Health Sciences including Pharmacy, Medicine and other relevant healthcare-related fields. All Applicants must present letters of recommendation from three referees. All Applicants will have to attend and pass a selection interview.

##### **iii. PhD Pharmacology**

Applicants must have a MPhil degree in Pharmacology or a related field in the Biomedical Sciences from an accredited institution. A Applicants with good first degree (minimum second-class Upper division) in Pharmacy, Pharmacology, Toxicology, Medicine, Biochemistry, or related Biomedical Sciences degrees must first apply as an MPhil and after satisfying the conditions necessary for transfer into the PhD at the end of the second year by the School of Graduate Studies. Applicants must present letters of recommendation from three referees and provide evidence of source of funding as part of the application. All Applicants will have to attend and pass a selection interview.

##### **iv. PhD Clinical Pharmacology**

Applicants must have a MPhil. degree in clinical pharmacology or a related field from an accredited institution. Applicants must present letters of recommendation from three referees and provide evidence of the source of funding as part of the application. All Applicants will have to attend and pass a selection interview.

- **FACULTY OF ALLIED HEALTH SCIENCES**

- 1. **Department of Physiotherapy and Sports Science**

- i. **MPhil. Clinical Exercise Rehabilitation**

Applicants must have a Bachelor's degree (minimum of Second Class (Upper Division)) or its equivalent in Sport and exercise Science, Human Biology, Biochemistry, Physiology, Physiotherapy, Occupation Therapy, Human Nutrition, Allied Health Sciences. Applicants with Second Class (Lower Division) must have at least two years post qualification experience with relevant profession and would be required to pass a selection interview. Applicants who have Masters' degree in Natural Sciences with work experience related to Physical Therapy, Sports Medicine and Exercise Science may be considered. Evidence of at least one publication in a peer review journal would be a major added advantage.

- 2. **Department of Medical Imaging**

- i. **MPhil. Medical Imaging**

Applicants must have a BSc degree (minimum of Second Class (Lower Division)) or its equivalent in Medical Imaging field Science with relevant professional registration and a minimum of two years' experience in clinical practice. In addition, Applicants will be required to attend a selection interview.

- ii. **PhD. Medical Imaging**

Applicants should have an MSc/MPhil or its equivalent in Medical Imaging field. Applicants must attend and pass a selection interview.

- 3. **Department of Medical Diagnostics**

- i. **MPhil. Haematology**

- ii. **MPhil. Biomedical Science**

- Areas of Specialization**

1. Infection and Immunity
2. Cellular Pathology
3. Clinical Chemistry
4. Haematology

Applicants must have a BSc degree (minimum of Second Class (Lower Division)) or its equivalent in Medical Laboratory Science with relevant professional registration and a minimum of two years' experience in clinical practice. In addition, Applicants will be required to attend a selection interview.

- iii. **PhD. Haematology**

- iv. **PhD. Biomedical Science**

- Areas of Specialization**

1. Infection and Immunity
2. Cellular Pathology
3. Clinical Chemistry
4. Haematology

Applicants must have an MSc/MPhil or its equivalent in Haematology or biomedical sciences. Applicants must attend and pass a selection interview.

- **SCHOOL OF MEDICINE AND DENTISTRY**

- 1. **Department of Molecular Medicine**

- i. **MPhil. Chemical Pathology**

Entry requirement for MPhil, and MSc include holders of a Bachelor's degree (with a minimum of Second-class lower division) in Biochemistry, Medical Laboratory Technology and MBChB. Applicants with at least one year working experience will have an added advantage. Applicants must attend and pass a selection interview before consideration for admission will be given. Applicants must provide sufficient evidence that they can meet the financial requirement.

## **ii. MPhil. Molecular Medicine**

Entry requirement for MPhil, and MSc include holders of a Bachelor's degree (with a minimum of Second-class lower division) in Biochemistry, Medical Laboratory Technology and Molecular Biology/Biological Technology and MBChB. Applicants with at least one year working experience will have an added advantage. Applicants must attend and pass a selection interview before consideration for admission will be given. Applicants must provide sufficient evidence that they can meet the financial requirement.

## **iii. MPhil. Immunology**

Entry requirement for MPhil, and MSc include holders of a Bachelor's degree (with a minimum of Second-class lower division) in Biochemistry, Medical Laboratory Technology and MBChB. and Immunology, Biological Sciences. Candidates with at least one year working experience will have an added advantage. Candidate must attend and pass a selection interview before consideration for admission will be given. Candidates must provide sufficient evidence that they can meet the financial requirement.

## **iv. PhD. Chemical Pathology**

Prospective Applicants should hold MPhil degree in Chemical Pathology, Biochemistry, Biotechnology, Molecular Biology, Medical Laboratory Technology and other related fields. Applicants with MBChB and Membership with the Ghana College of Physicians and Surgeons or similar institution are required to undertake a one-year MPhil equivalent after which they may be migrated onto the PhD programme upon approval from the Department and Graduate School Boards. Applicants with at least one year working experience will have an added advantage. Applicants must attend and pass a selection interview before consideration for admission will be given. Applicants must provide sufficient evidence that they can meet the financial requirement.

## **v. PhD. Molecular Medicine**

Prospective Applicants should hold MPhil degree in Chemical Pathology, Biochemistry, Biotechnology, Molecular Biology, Medical Laboratory Technology and other related fields. Applicants with MBChB and

Membership with the Ghana College of Physicians and Surgeons or similar institution are required to undertake a one-year MPhil equivalent after which they may be migrated onto the PhD programme upon approval from the Department and Graduate School Boards. Applicants with at least one year working experience will have an added advantage. Applicants must attend and pass a selection interview before consideration for admission will be given. Applicants must provide sufficient evidence that they can meet the financial requirement.

## **vi. PhD. Immunology**

Prospective Applicants should hold MPhil degree in Chemical Pathology, Biochemistry, Biotechnology, Molecular Biology, Medical Laboratory Technology and other related fields. Applicants with MBChB and Membership with the Ghana College of Physicians and Surgeons or similar institution are required to undertake a one-year MPhil equivalent after which they may be migrated onto the PhD programme upon approval from the Department and Graduate School Boards. Applicants with at least one year working experience will have an added advantage. Applicants must attend and pass a selection interview before consideration for admission will be given. Applicants must provide sufficient evidence that they can meet the financial requirement

## **2. Department of Clinical Microbiology**

### **i. MPhil. Clinical Microbiology**

Applicants must have a Bachelor's degree (minimum of Second Class (Lower Division)) or its equivalent in Life Sciences, Medicine/Dentistry, Medical Laboratory Technology, Biomedical Sciences, Biology or Biochemistry. Applicants with a Second Class Lower Division should have at least one year laboratory experience. Applicants should have completed the National Service program. Preference would be given to Applicants with work experience. Applicants must submit a research proposal and hence must have a potential supervisor from the department and discuss the research proposal with. In addition, Applicants will be required to attend and pass a selection interview.

## **ii. PhD. Clinical Microbiology**

Applicants must have a MPhil degree or its equivalent in Clinical Microbiology from a recognised institution of higher learning. Applicants are entreated to contact a potential supervisor at the Department before proceeding to apply. A proposal and evidence of funding should be submitted during application. In addition, Applicants will be required to attend and pass a selection interview.

## **3. Department of Anatomy**

### **i. MPhil. Human Anatomy and Cell Biology**

### **ii. MPhil. Human Anatomy and Cell Biology (Morphological Diagnostics)**

### **iii. MPhil. Human Anatomy and Forensic Science**

Applicants must have Bachelor's degree (minimum of Second Class (Upper Division)) in Biological Sciences, Anatomy and Cell Biology, Biomedical Science, Medical Laboratory Technology, MBChB or its equivalent from a recognised Institution. Applicants must have a flare for laboratory work or research. Applicants are required to submit a research synopsis together with the application. Applicants must show proof of their source of funding and pass a selection interview and entrance examination.

### **iv. MPhil. Mortuary Science and Management**

Applicants must have a Bachelor's degree (minimum of Second Class (Upper Division)) in Biological Sciences, Biomedical Science, Anatomy and Cell Biology, Medical Laboratory Technology, Physician Assistantship, Forensic and Investigation Sciences, MBChB/BDS or its equivalent from a recognised Institution. Applicants are required to submit a research synopsis together with the application. Applicants should have a flare for laboratory work or research. Applicants must show proof of their source of funding and pass a selection interview and entrance examination.

## **v. PhD. Human Anatomy and Cell Biology**

## **vi. PhD. Human Anatomy and Forensic Science**

Applicants must have a good MSc/MPhil/MMedSc degree in Human Anatomy and Cell Biology, Human Anatomy and Forensic Science, Medical Laboratory Technology from a recognised University. Applicants with MPhil in Biological Sciences/Biomedical Science and MBChb with Membership from the Ghana College of Physicians and Surgeons or related recognised institutions will be required to undertake a one-year bridging programme before being migrated into the PhD programme. Applicants are required to submit a research synopsis together with the application. Applicants must have a flare for laboratory work or research. Applicants must show proof of their source of funding and pass a selection interview.

## **4. Department of Physiology**

### **i. MPhil. Physiology**

Applicants must have First class or Second Class Upper degree in BSc. Human Biology, Biological Sciences, Biomedical Science, Anatomy and Cell Biology, Medical Laboratory Technology, Nursing, Herbal Medicine, Biochemistry, a non-classified degree such as MBChB and related life science programs from a recognised University. Applicants should have a flair for laboratory work or research. Prospective Applicants should also show proof of their source of funding and be successful at a pre-admission interview.

## **5. Department of Eye, Ear, Nose and Throat**

### **i. MSc. Audiology**

Applicants must have a Bachelor's degree (minimum of Second Class (Lower Division)) in Psychology, Special Education, Nursing, Medicine, Neurology or Applied Sciences. Applicants with other degrees or equivalent may be considered on their own merits. Applicants must show proof of their source of funding and pass a selection interview.

## **ii. MSc. Speech and Language Therapy**

Applicants must have a Bachelor's degree (minimum second-class division) from a recognized university in Psychology, Special Education, Nursing, Medicine, Neurology, or any relevant area.

## **6. Department of Behavioural Sciences**

### **i. MPhil Clinical Psychology**

To qualify to read MPhil Clinical Psychology, applicants **MUST** have a first degree in Psychology. All applicants will undergo a selection process which includes written examination, interview, and a review of research proposal before being admitted into the programme.

### **ii. MPhil Counselling Psychology**

MPhil Counselling Psychology applicants must have at least a good first degree (Second Class Lower Division or better) in the Allied Health Sciences, Life Sciences, Psychology, Arts, Humanities and other related fields. Graduates of programmes offering unclassified degrees such as the Health Sciences (medicine, pharmacy, veterinary medicine, dentistry, optometry), and others can apply with a Pass degree. However, it is important and highly recommended that students have a background in Psychology (ideally an MA in Counselling Psychology or a certified top-up undergraduate psychology degree).

All applicants will undergo a selection process which includes written examination, interview, and a review of research proposal before being admitted into the programme.

## **• SCHOOL OF NURSING AND MIDWIFERY**

### **1. Department of Nursing**

#### **i. MSc. Clinical Nursing**

#### **ii. MPhil. Nursing**

Applicants must have Bachelor's degree (minimum of Second Class (Upper Division)) in Nursing or similar qualifications from a recognised university. Applicants must be registered with the Nursing and Midwifery Council of Ghana or its equivalent from other countries. Applicants must have a

minimum of two years of work experience after the Bachelor's 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 work experience in a relevant area.

### **iii. PhD Nursing**

Applicants for the Doctor of Philosophy in Nursing must have a good first degree in Nursing or Midwifery and research Masters degree in Nursing or Midwifery (MPhil, MSc, MN) or research Masters in any related discipline. Applicants must be registered with the Nursing and Midwifery Council of Ghana or a recognised Nursing Regulatory body from other countries. Applicants with a minimum of two (2) years Post-Masters qualification work experiences in a relevant field of practice (Clinical and Education) and research are additional advantage. Applicants must also submit a proposal on a research topic and pass an interview for admission.

## **• SCHOOL OF VETERINARY MEDICINE**

### **i. MPhil. One Health**

Applicants must have a Doctor of Veterinary Medicine (DVM) or its equivalent, MBChB, BSc Dental Surgery, PharmD, or Bachelor's degree (minimum of Second Class (Upper Division)) in Biological Sciences, Biomedical Sciences, Agriculture (Animal Science option) and relevant subject areas; from an approved University or Institution of Higher Learning. Preference would be given to Applicants with several years of relevant academic, administrative, or field experience. Applicants must pass a selection interview.

### **ii. MPhil. Integrative Pathobiology**

Applicants must have Doctor of Veterinary Medicine, MBChB, BSc Dental Surgery, Doctor of Pharmacy or its equivalent, BSc. (Microbiology, Biological Sciences and Human Biology) with minimum of Second Class (Lower Division). Applicants must pass a selection interview.

### iii. MPhil. Comparative Anatomy

Applicants must have Doctor of Veterinary Medicine (DVM), MBChB, BSc Dental Surgery, Doctor of Pharmacy, or Bachelor's degree (minimum of Second Class (Upper Division)) in Biological Sciences, Biomedical Sciences, Agriculture (Animal Science option) and relevant subject areas; from an approved University or Institution of Higher Learning. Preference would be given to Applicants with several years of relevant academic, administrative, or field experience. Applicants must pass a selection interview.

### iv. Master of Veterinary Science in Anatomy

Applicants must have a Doctor of Veterinary Medicine (DVM), Bachelor of Veterinary Medicine (BVM, BVetMed, VetMB), Bachelor of Veterinary Medicine and Surgery (BVM&S, BVMS, BVetMS) degree or equivalent professional degree from an approved Veterinary Institution of Higher Learning. Applicants must pass a selection interview.

### v. PhD. Integrative Pathobiology

Applicants must have an MPhil. Integrative Pathobiology or MPhil/MSc degree in Veterinary Sciences, Biological or Biomedical Sciences in addition to any of following: Doctor of Veterinary Medicine, BSc. (Microbiology, Biological Sciences and Human Biology) with minimum of Second Class (Lower Division), MBChB, BSc Dental Surgery, Doctor of Pharmacy, Bachelor of Pharmacy. Applicants must pass a selection interview.

### vi. PhD. One Health

Applicants must have an MPhil. One Health degree from KNUST. MPhil degree in One Health or equivalent degrees from other recognised universities may be considered on their own merit. In addition, Applicants will be required to attend and pass a selection interview.

### vii. PhD. Veterinary Anatomy

Applicants must have an MPhil. Comparative Anatomy and MSc Anatomy from KNUST. MPhil. degree in Veterinary Anatomy or equivalent degree from other recognised may be considered on their own merit.

## • SCHOOL OF PUBLIC HEALTH

### 1. PhD. Public Health

PhD Public Health is one (1) plus three (3) years programme. Students will be required to do one-year taught course (MPhil Phase) and after fulfilling all the programme requirements, proceed to the PhD candidate Phase.

To qualify for PhD Public Health, candidates must have a Master's degree (MPhil) or its equivalent from a recognised institution. Candidate shall provide evidence of adequate training and financial support to undertake the proposed programme. Candidate research should be related to one of the following Public Health concentrations: Health Policy, Management and Economics; Health Promotion and Disease Prevention; Disability Studies; Population, family and Reproductive Health; Epidemiology and Biostatistics; Occupational and Environmental Health and Safety; Global and International Health; One Health; Health and Development; Public Health Nutrition.

Candidates must submit a synopsis not more than 5 pages and clearly indicate the preferred concentration. A demonstrable scientific publication or good writing skill will be an advantage. Candidate must pass selection tests and interviews.

### 1. Department of Health Promotion and Disability Studies

#### i. MPH. Health Promotion and Disease Prevention

##### Options:

- a. *Regular*
- b. *Weekend*

#### ii. MSc. Health Promotion and Disease Prevention

##### Options:

- a. *Regular*
- b. *Weekend*

Applicants must have a first degree (minimum of Second Class (Lower Division)) in any of the Natural Sciences such as Medicine, Allied Health Sciences, Public Health, Environmental Sciences, Biological Sciences, Pharmacy, or Health-related disciplines such as the Social Sciences,

Development Studies, and Education. Applicants should have a minimum of two (2) years of work experience. Applicants must pass a written examination and a selection interview.

**iii. MPhil. Disability, Rehabilitation and Development (Full Time/ Weekend)**

Practicing professionals/graduates with a first degree (minimum of Second Class (Lower Division)) in Disability and Allied disciplines, Health related Sciences, Education and Education Psychology, Social Services or Social Work, Physiotherapy, Development Studies, Sports and Exercise Science, Architecture, Policy/Settlement Planning, or Social Sciences. Applicants must pass a written examination and a selection interview.

**2. Department of Population, Family and Reproductive Health**

**i. MSc. Population, Family and Reproductive Health (One Year - Full Time/ Weekend)**

**ii. MPH. Population, Family and Reproductive Health (One Year - Full Time/ Weekend)**

Applicants must have a first degree (minimum of Second Class (Lower Division)) in any of the life sciences such as: Medicine, Veterinary Medicine, Nursing/Midwifery, Public Health, Environmental Health, Pharmacy, Physician Assistantship, Medical Laboratory Science or Health related sectors such as the Social Sciences, Development and Education from a recognised university/college. Applicants should have at least two years post-graduation work/job experience. In addition, Applicants will be required to attend and pass a selection interview.

**3. Department of Occupational and Environmental Health and Safety**

**i. MSc. Occupational and Environmental Health & Safety (One Year - Full Time/ Weekend)**

**ii. MPH. Occupational and Environmental Health & Safety (One Year - Full Time/ Weekend)**

Applicants must have a first degree (minimum of Second Class (Lower Division)) from a recognised tertiary institution preferably in any of the Natural Sciences such as Medicine, Veterinary Medicine, Nursing, Public Health, Environmental Sciences, Biology, Pharmacy, Medical Laboratory Science Physician Assistantship, or health-related disciplines such as the Social Sciences, Development Studies, and Education, etc. Applicants must pass a selection interview.

**4. Department of Health Policy, Management and Economics**

**i. MSc. /MPH Health Services Planning and Management (One Year – Regular/Weekend)**

Applicant should have a good first degree (at least 2<sup>nd</sup> Class Lower Division), preferably in any of the life sciences such as medicine, veterinary medicine, nursing, public health, environmental health, pharmacy or health-related sectors – the social sciences, development and education. The first degree should be from a recognised University/College. In addition, applicants should have had at least two years of postgraduation work/job experience.

For MPH programme, the applicant must meet all the requirements for admission into the MSc programme and in addition commit to undertaking a 3-month field residency programme in a rural health district under the supervision of the District Director of Health Services who has an MPH degree.

The final selection is done through a written examination followed by an interview.

**ii. MSc. /MPH Health Services Planning and Management (One Year – Weekend Lectures)**

Applicant should have a good first degree (at least 2<sup>nd</sup> Class Lower Division), preferably in any of the life sciences such as medicine, veterinary

medicine, nursing, public health, environmental health, pharmacy or health-related sectors – the social sciences, development and education. The first degree should be from a recognised University/College. In addition, applicants should have had at least two years of postgraduation work/job experience.

For MPH programme, the applicant must meet all the requirements for admission into the MSc programme and in addition commit to undertaking a 3-month field residency programme in a rural health district under the supervision of the District Director of Health Services who has an MPH degree.

The final selection is done through a written examination followed by an interview.

### **iii. MPH. /MPhil. Health Systems Research and Management (Regular)**

To qualify to read the MPhil Health Systems Research and Management programme -Regular, the applicant should have a good first degree (at least 2<sup>nd</sup> class lower), for example a BSc, BA, preferably in any public health related field from a recognized university that offers degrees in programmes such as: Statistics/biostatistics; biology; medicine or other health related sciences; political science or economics; sociology or related social sciences.

In addition, applicants should have at least two years post-graduation work/job experience. Relevant international work experience is an advantage and applications by international students are also encouraged. Interested applicants with less than two years working experience but with other relevant background are encouraged to apply.

Applicants should also have a proof of English language proficiency for admission to a research or higher degree programme, if applicant's first language is not English and/or does not qualify for exemption from the required English language test (TOEFL/IELTS).

The final selection will be done based on a written examination followed by an interview (in person or online).

To qualify for admission into the MPH (Health Systems, Research and Management) programme- Regular, the applicant must meet all the requirements for admission into the MSc (Health Services Planning and Management) programme, and in addition commit to undertaking a 3-month

field residency programme in a rural health district under the supervision of the District Director of Health Services who has an MPH degree.

The final selection is done through a written examination followed by an interview

### **iv. MPH. /MPhil. Health Systems Research and Management (Weekend Lectures)**

To qualify to read the MPhil Health Systems Research and Management programme regular fee paying – Weekend Lectures, the applicant should have a good first degree (at least 2<sup>nd</sup> class lower), for example a BSc, BA, preferably in any public health related field from a recognized university that offers degrees in programmes such as: Statistics/biostatistics; biology; medicine or other health related sciences; political science or economics; sociology or related social sciences.

In addition, applicants should have at least two years post-graduation work/job experience. Relevant international work experience is an advantage and applications by international students are also encouraged. Interested applicants with less than two years working experience but with other relevant background are encouraged to apply.

Applicants should also have a proof of English language proficiency for admission to a research or higher degree programme, if applicant's first language is not English and/or does not qualify for exemption from the required English language test (TOEFL/IELTS).

The final selection will be done based on a written examination followed by an interview (in person or online).

To qualify for admission into the MPH (Health Systems, Research and Management) programme regular fee paying -Weekend Lectures, the applicant must meet all the requirements for admission into the MSc (Health Services Planning and Management) programme, and in addition commit to undertaking a 3-month field residency programme in a rural health district under the supervision of the District Director of Health Services who has an MPH degree.

### **i. MPH. Health Economics and Policy (Regular Fee Paying – Weekend Lectures)**

To qualify for admission into the MPH (Health Economics and Policy) programme -Regular Fee Paying (Weekend Lectures), the applicant should have a good first degree (at least Second Class Lower Division), preferably

in any of the following disciplines: Economics, Finance, Mathematics, Statistics, Geography, Law, Sociology, Social Work, Political Science, Psychology, and History, Business Administration and related disciplines. Also, applicants without Bachelor's degree in the above listed disciplines must have a Master's degree from a recognised tertiary institution in any of the disciplines listed above or life sciences such as medicine, veterinary medicine, nursing, public health, environmental health, pharmacy or health-related sectors. In addition, applicants should have had at least two years of post-graduation work/job experience.

The final selection will be done based on a written examination followed by an interview (in person or online).

#### **ii. MPhil. Health Economics and Decision Science (Regular)**

To qualify for admission into the MPhil (Health Economics and Decision Science) programme -Regular Fee Paying (Weekend Lectures), the applicant should have a good first degree (at least Second Class Lower Division), preferably in any of the following disciplines: Economics, Finance, Mathematics, Statistics, Geography, Law, Sociology, Social Work, Political Science, Psychology, and History, Business Administration and related disciplines. Also, applicants without Bachelor's degree in the above listed disciplines must have a Master's degree from a recognised tertiary institution in any of the disciplines listed above or life sciences such as medicine, veterinary medicine, nursing, public health, environmental health, pharmacy or health-related sectors. In addition, applicants should have had at least two years of post-graduation work/job experience.

The final selection will be done based on a written examination followed by an interview (in person or online).

*International students from countries where English is not the official language will require proof of English proficiency from an Internationally approved English examination (IELTS, TOEFL etc.). Final selection will be done after a written examination followed by and interview (in person or online).*

### **5. Department of Epidemiology and Biostatistics**

#### **i. MPhil. Field Epidemiology and Applied Biostatistics**

Applicants must have a Bachelor's degree (minimum of Second Class (Upper Division)) from a recognised tertiary institution in any of the Natural Sciences such as: Biology, Allied Health Sciences, Medical Sciences, Biostatistics/Statistics/Actuarial Science, Mathematics or any Public Health related field. Applicants with MPH or Masters in any of the Public Health disciplines can apply. A demonstration of quantitative analytical skills would be of added advantage and a thorough knowledge of English language. In addition, Applicants should have at least two (2) years post-graduation work/job experience. Applicants must pass a selection interview.

### **6. Department of Global and International Health**

#### **i. MPH. Global Health (One Year)**

Applicants applying to pursue any of the MSc/MPH/MPhil programmes, must have a Bachelor's degree (minimum of Second Class (Lower Division)) from a recognised 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. Applicants must have at least two years post-qualification work experience. In addition, Applicants will be required to attend and pass a selection interview.

## **E. COLLEGE OF HUMANITIES AND SOCIAL SCIENCES**

### **• FACULTY OF LAW**

#### **i. Master of Laws (LLM)**

Applicants must have a Bachelor of Laws (LLB) degree (minimum of Second Class (Upper Division)) or its equivalent from a recognised university. Applicants may be admitted to the programme upon a successful selection interview.

## ii. **PhD. Law**

Applicants must have a Master of Laws (LLM) degree from a recognised university. An applicant who does not satisfy the stated criteria but is adjudged suitable by the Faculty Board may be admitted to the programme upon a successful selection interview.

## • **FACULTY OF SOCIAL SCIENCES**

### 1. **Department of Economics**

#### i. **MSc. Energy and Resource Economics (One Year)**

#### ii. **MSc. Economics and Finance (One Year)**

#### iii. **MSc. Health Economics and Policy**

#### iv. **MSc. Business Economics (One Year)**

Applicants must have Bachelor's degree (minimum of Second Class (Lower Division)) in the Economics, Economics (with Finance, Management, Accounting, Mathematics, Statistics, Geography, Law, Sociology, Social Work, Political Science, Psychology, History etc.), Business Administration, Finance, Banking and Finance, Accounting, Marketing, Management, Human Resource Management, Mathematics, Statistics, Engineering, Physics, Actuarial Science, Environmental Science, Land Economy, Real Estate, Natural Resource Management; Geography, and related disciplines and related disciplines. Applicants with a degree in any unlisted programme will have their applications assessed independently. In addition, Applicants will be required to attend and pass a selection interview.

#### v. **MPhil. Economics**

Applicants must have Bachelor's degree (minimum of Second Class (Upper Division)) in Economics. Applicants must have done Econometrics, Economic Theory and Mathematical Economics at the undergraduate level in a recognized tertiary institution. Potential Applicants with different backgrounds are advised to pursue the one-year MSc. Economics programme run by the department before applying to the MPhil programme. Admission is subject to passing a selection interview.

## 2. **Department of Language and Communication Sciences**

### i. **MPhil. French**

#### *Options:*

- *Literature and Society*
- *Applied Linguistics*
- *Translation and Interpreting*

Applicants must have Bachelor's degree (minimum of Second Class (Lower Division)) in French or a postgraduate qualification relevant to the area of study from a recognised University. In addition, Applicants will be required to pass a written examination and a selection interview.

### ii. **MPhil. Linguistics**

Prospective students will be required to have a first degree with a minimum of Second Class Lower Division in a language-related discipline (including BA. linguistics, BA. Ghanaian Language Studies, BA. English, BA. Translation, BA. French, BA. Communication & Media Studies) from a reputable University. In addition, applicants will take an entrance examination and an interview.

### iii. **PhD. French**

#### *Options:*

- *Literature and Society*
- *Applied Linguistics*
- *Translation and Interpreting*

Applicants must have a Master's degree in French from a recognised University and must submit a research proposal. In addition, Applicants will be required to pass a selection interview.

### **3. Department of English**

#### **i. MPhil. English**

Applicants must have Bachelor's degree (minimum of Second Class (Upper Division)) in English. Shortlisted Applicants would be examined and interviewed.

### **4. Department of Geography and Rural Development**

#### **i. MSc. Geography and Sustainable Development (One Year)**

Applicants must have Bachelor's Degree (minimum of Second Class (Lower Division)) in Geography or other related disciplines. Applicants shall be considered at a selection interview.

#### **ii. MPhil. Geography and Rural Development**

Applicants must have Bachelor's Degree (minimum of Second Class (Lower Division)) in Geography or other Geography related disciplines. Applicants shall be required to submit a synopsis of proposed thesis and pass a selection interview.

#### **iii. PhD. Geography and Rural Development**

Applicants must have a Master of Philosophy degree with a good research background in Geography or other Geography related disciplines. Applicants shall be required to submit and present a thesis proposal and pass a selection interview.

*Suitable applicants whose Master's degree transcript does not adequately cover relevant Geography courses shall be made to study and pass relevant Geography courses at the MPhil level in their year of studentship before proceeding to the PhD thesis writing stage.*

### **5. Department of Religious Studies**

#### **i. MA. Religion and Human Development**

***Areas of Specialisation:***

***b. Christianity***

***c. Islam***

***d. African Traditional Religion***

Applicants must have obtained a good first degree (Second Class Lower Division of better) in either Religious Studies or Theology from a recognized University or accredited Theological Seminary/Institution. Applicants with the Social Sciences or Humanities background must in addition at least have a Diploma in Theology/Religious Studies from a recognized/accredited Institution or Seminary. Admission is subject to passing an entrance examination and interview.

#### **ii. MPhil. Religion and Human Development**

***Areas of Specialisation:***

***a. Christianity***

***b. Islam***

***c. African Traditional Religion***

Applicants must have obtained a good first degree (Second Class Lower Division of better) in either Religious Studies or Theology from a recognized University or accredited Theological Seminary/Institution. Applicants with the Social Sciences or Humanities background must in addition at least have a Diploma in Theology/Religious Studies from a recognized/accredited Institution or Seminary. Admission is subject to passing an entrance examination and interview.

#### **iii. PhD. Religious and Human Development**

Applicants must have obtained an MPhil in either Religious Studies or Theology from a recognized University or accredited Theological Seminary/Institution. In addition, must pass a selection interview before they are admitted into the programme.

### **6. Department of Sociology and Social Work**

#### **i. MA. Sociology**

Applicants must have a Bachelor's degree (minimum of Second Class (Lower Division)) in Sociology from a recognised University. A first degree (minimum of second class lower division) from an accredited University

with at least two years' work experience. In addition, Applicants must have a postgraduate diploma degree from an accredited University with at least two years. All Applicants must pass a selection interview or an entrance examination or both.

#### **ii. MPhil. Sociology**

Applicants must have an MA/ a Bachelor's degree (minimum of Second Class (Upper Division)) in Sociology or Social Work from a recognised University. Any relevant Bachelor's degree (minimum of Second Class (Upper Division)) from an accredited University with at least two years. All Applicants must pass a selection interview or an entrance examination or both.

#### **iii. MA. Social Work**

Applicants must have a Bachelor's degree (minimum of Second Class (Lower Division)) in Social Work from a recognised University. A relevant first degree in (minimum of second-class lower division) from an accredited University with at least two years of work experience in a social service agency. In addition, the Applicants must have a postgraduate diploma degree from an accredited University with at least two years in a social service agency. All Applicants must pass a selection interview or an entrance examination or both.

#### **iv. MPhil. Social Work**

Applicants must have an MA in Social Work or Bachelor's degree (minimum of Second Class (Upper Division)) in Social Work from an accredited university. A relevant first degree in (minimum of second class lower division) from an accredited University with at least two years of work experience in a social service agency. In addition, the Applicants must have a postgraduate diploma degree from an accredited University with at least two years in a social service agency. All Applicants must pass a selection interview or an entrance examination or both.

#### **v. PhD. Sociology**

Applicants must have an MPhil degree in Sociology. Applicants with an MA in sociology and at least two (2) years of work experience in a social research organization can apply. Applicants with an MPhil in other social sciences from an accredited University and a post-degree minimum of two years of work experience in a social research organization. All Applicants will be interviewed.

### **7. Department of History, Political Science and Public Administration**

#### **i. MA. Political Science**

Applicants to the MA in Political Science programme must have a Bachelor's degree in Political Science or a related discipline with a second-class or better degree from a recognized University. Applicants with third class may be considered if the applicants have a minimum of five (5) years post-first-degree working experience. International applicants must, in general, meet the requirements above and demonstrate proficiency in English as the medium of instruction. All applications must include transcripts of all post-secondary level education received, a statement of purpose and three letters of recommendation from individuals in professional capacities who are familiar with the applicant's potential for graduate study. The final requirement for admission is an entry examination and a departmental interview to determine applicants' suitability for the programme.

#### **ii. MA. Chieftaincy and Traditional Leadership (One Year)**

Applicants must have a good first degree in any of the Social Sciences or Humanities degree from an accredited University. Applicants with degrees in other disciplines with related experience/background in Chieftaincy and Traditional Leadership may also be admitted. Students who obtain a CWA of 70 or above at the end of the first year could proceed to do MPhil. Chieftaincy and Traditional Leadership Studies. In addition, Applicants will be required to attend and pass a selection interview.

### **iii. Master of Public Administration (Full Time/Weekend)**

Applicants must have a Bachelor's degree (minimum of Second Class (Lower Division)) in all disciplines. Third Class Applicants with more than five years work experience in the public sector may be considered for admission after passing a selection interview.

### **iv. MA. Asante History (One Year)**

Applicants must have a Bachelor's degree (minimum of Second Class (Upper Division)) in History or other related degrees from accredited universities. Applicants must pass a selection interview.

### **v. MPhil. Historical Studies**

Applicants must have Bachelor's degree (minimum of Second Class (Upper Division)) in History or other related degrees from accredited universities. Applicants must pass a selection interview.

### **vi. MPhil. Political Science**

Applicants to the MPhil programme must have a Bachelor of Arts or Bachelor of Science degree with Second Class Upper or better in Political Science, or Political Studies. Applicants with MA in Political Science will also be considered for a top-up to acquire the MPhil in Political Science degree. Such students must demonstrate that they have offered all the relevant courses of the MPhil degree in their transcripts. Holders of Second-Class lower degrees may be considered if they have at least three years' working experience. International applicants must, in general, meet the requirements above and also demonstrate proficiency in English as the medium of classroom instruction. All applications must include transcripts of all post-secondary level education received as well as three letters of recommendation from individuals in professional capacities who are familiar with the applicant's potential for graduate study. The final requirement for admission is an entry examination and a departmental interview to determine applicants' likelihood of academic success.

### **vii. PhD. Political Science**

Applicants to the Ph.D. programme must have BA in Political Science with a grade of Second Class upper or better and MPhil degrees in Political Science from a recognized University. International applicants must, in

general, meet the requirements above and also demonstrate proficiency in English as the medium of instruction. All applications must include transcripts of all post-secondary level education received, a statement of purpose/research proposal as well as three letters of recommendation from individuals in professional capacities who are familiar with the applicant's potential for graduate study. The final requirement for admission is a departmental interview to determine applicants' suitability for the programme. e. Prospective applicants must FIRST contact and receive the consent of potential supervisors before applying for the programme.

### **viii. PhD. Historical Studies**

Applicants must have an MPhil. in Historical Studies or other related degrees from accredited universities. Applicants must pass a selection interview.

- **KNUST SCHOOL OF BUSINESS (KSB)**

1. **Master of Business Administration (MBA) - Morning/Evening/Weekend**

**Areas of Specialisation:**

- i. Accounting*

Applicants must have a Bachelor's degree (Second Class (Lower Division)) in Administration (Finance and Accounting option), Commerce from a recognised University. Other degree holders with Part 1 or 2 qualified or fully qualified certificates of ACCA, CIMA, ICAG, ICAEW, CPA, CFA, and, or related field.

- ii. Finance*

Applicants must have a Bachelor's degree (Second Class (Lower Division)) in Finance and Financial Economics, Administration (Finance and Accounting option), and Commerce from a recognised University. Holders of Finance and Financial Economics or related degree acceptable by the National Accreditation Board of Ghana.

- iii. *Marketing*
- iv. *Entrepreneurship and Business Management*
- v. *Strategic Management and Consulting*
- vi. *Human Resource Management*
- vii. *Management and Organisational Development*
- viii. *Logistics and Supply Chain Management*
- ix. *Management Information Systems (MIS)*

Applicants must possess a Bachelor's degree (minimum of Second Class (Lower Division)) or equivalent professional qualifications from a recognised institution in any relevant area. Applicants must pass a selection interview. An entrance examination may be required when necessary. All Applicants must demonstrate their ability to pay all approved programme fees for the duration of study.

## 2. Master of Science Programmes (Weekend ONLY)

- i. *MSc. Technology Entrepreneurship*
- ii. *MSc. Corporate Governance and Strategic Leadership*
- iii. *MSc. Management and Human Resource Strategy*
- iv. *MSc. Accounting and Finance*
- v. *MSc. Finance*
- vi. *MSc. Logistics and Supply Chain Management*
- vii. *MSc. Procurement and Supply Chain Management*
- viii. *MSc. Health Entrepreneurship Management*
- ix. *MSc. Marketing Analytics*
- x. *MSc. Strategic Marketing*
- xi. *MSc. Business and Data Analytics*
- xii. *MSc. Air Transportation and Aviation Management (Accra Only)*
- xiii. *MSc. Information Systems*
- xiv. *MSc. Hospitality and Tourism Management*

Applicants must possess a Bachelor's degree (minimum of Second Class (Lower Division)) in a relevant discipline. All Applicants must demonstrate their ability to pay all approved programme fees for the duration of study.

- 3. **MPhil. Management and Human Resource Strategy (Regular)**
- 4. **MPhil. Logistics and Supply Chain Management (Regular)**
- 5. **MPhil. Procurement and Supply Chain Management (Regular)**
- 6. **MPhil. Hospitality and Tourism Management (Regular)**
- 7. **MPhil. Accounting (Regular)**

Applicants must have a Master's degree in Accounting and will be required to attend a proposal interview.

### 8. **MPhil. Finance (Regular)**

Applicants must have a Master's degree in Finance and Financial and will be required to attend a proposal interview

### 9. **MPhil. Information Systems (Regular)**

### 10. **MPhil. Business and Management (Day/Evening/Weekend)**

#### Areas of Specialisation:

- i. *Strategic Management and Consulting*
- ii. *Management and Organisational Development*

Applicants shall hold a Master's degree (MSc or MBA in the relevant Business Administration subject area) from a recognised University or institution of higher learning. All Applicants must attend and pass interview sessions conducted by the Departments. All Applicants must demonstrate their ability to pay all approved programme fees for the duration of study.

## F. COLLEGE OF SCIENCE

### • FACULTY OF BIOSCIENCES

#### 1. Department of Biochemistry and Biotechnology

##### i. **MPhil. Biotechnology**

Applicants with a minimum of Second Class (Lower Division) from an accredited institution of higher learning in any of the following fields: Biochemistry, Pharmacy, Biotechnology, Chemistry, Pharmacy,

Biomedical Science, Medical Laboratory Technology, Biological Sciences, Agricultural Science, Biological or Chemical engineering, and other related disciplines. MPhil Applicants will be required to pass a selection interview. International Applicants from non-English speaking countries must possess a minimum of one-year English proficiency certificate.

#### **ii. MPhil. Biochemistry**

Applicants must have a minimum of Bachelor's degree (at least Second Class Lower Division) from an accredited institution of higher learning in any of the following fields: Biochemistry, Pharmacy, Biotechnology, Chemistry, Pharmacy, Biomedical Science, Medical Laboratory Technology, Biological Sciences, Food Science, Microbiology or Molecular Biology, Agricultural Science, and other related disciplines. Applicants with no background in biological sciences will be required to enroll in selected undergraduate biology/biochemistry course classes to make for their deficiencies. Applicants will be required to pass a selection interview. Work experience is an added advantage.

#### **iii. MSc. Biodata Analytics and Computational Genomics**

#### **iv. MPhil. Biodata Analytics and Computational Genomics**

Applicants must have a Bachelor's degree (minimum of Second Class (Lower Division)) from an accredited institution of higher learning in any of the following fields: Biotechnology, Molecular Biology, Biochemistry, Biological Sciences, Medicine, Pharmacy, Computer Science, Engineering, Statistics, Mathematics, and other related disciplines. Applicants must pass an interview that will be conducted by an admission committee set up by the department.

#### **v. MPhil. Forensic Science**

Applicants must have a Bachelor's degree (minimum of Second Class (Lower Division)) from a recognized University in any of the following fields: Biochemistry, Biology, Physics, Chemistry, Molecular Biology, Pharmacy, or Human Biology and related disciplines. Applicants with no background in biological sciences will be required to enroll in selected undergraduate biology/biochemistry course classes to make for their deficiencies.

#### **vi. MPhil. Human Nutrition and Dietetics**

Applicants must have a Bachelor's degree (minimum of Second Class (Lower Division)) from a recognized University in any of the following fields: Biochemistry, Food Science, Animal Science, Nutrition, Nursing, Biological Sciences, Medicine, Pharmacy, Dietetics, Home Economics and related fields. Applicants with Home Economics background will be required to have a minimum of 12 undergraduate credits in Chemistry and/or Biochemistry. Applicants will be required to pass a selection interview.

#### **vii. PhD. Biotechnology**

Applicants must have a two-year MSc or MPhil degree from a recognised university in any of the following fields: Biochemistry, Biotechnology, Chemistry, Biomedical Science, Pharmacy, Medical Laboratory Technology, Biological or Chemical Engineering, Agricultural Science, and other related disciplines. Applicants will be required to submit a research proposal and pass a selection interview.

#### **viii. PhD. Biochemistry**

Applicants must have a two-year MSc or MPhil degree from a recognised university in any of the following fields: Biochemistry, Biotechnology, Chemistry, Biomedical Science, Pharmacy, Medical Laboratory Technology, Biological or Chemical Engineering, Agricultural Science, and other related disciplines. Applicants will be required to submit a research proposal and pass a selection interview.

#### **ix. PhD. Human Nutrition and Dietetics**

Applicants must have a two-year MSc or MPhil degree from a recognised university in any of the following fields: Biochemistry, Nursing, Biological Sciences, Food Science, Nutrition, Medicine, Dietetics, and other related disciplines. Applicants will be required to submit a research proposal and pass a selection interview.

#### **x. PhD. Biodata Analytics and Computational Genomics**

Applicants must have a two-year MSc or MPhil degree from a recognised university in any of the following fields: Biodata Analytics and Computational Genomics, Biotechnology, Molecular Biology,

Biochemistry, Biological Sciences, Medicine, Pharmacy, Computer Science, Engineering, Statistics, Mathematics, and other related disciplines. Applicants will be required to submit a research proposal and pass a selection interview.

***NB:** International students from countries where English is not the official language will require proof of English proficiency. (Minimum of one-year).*

## **2. Department of Food Science and Technology**

### **i. MSc. Food Science and Technology**

Applicants must have a BSc degree (minimum of Second Class (Lower Division)) in Food Science, Nutrition, Biochemistry, Biology, Chemistry, Agricultural Science, Agricultural Engineering, Chemical Engineering, Natural Resources Management, and other science-based degrees from a recognised university. A higher-level professional qualification or an advanced degree and relevant work experience in food-related establishment may be considered where the Applicants has not reached the requirement above. Such Applicants shall be assessed through a selection interview or an entrance examination. Work experience may be an advantage. Admitted applicants whose academic background does not sufficiently align with Food Science and Technology may be required to audit selected undergraduate courses as a condition of admission.

### **ii. MPhil. Food Science and Technology**

Applicants must have a BSc degree (minimum of Second Class (Lower Division)) in Food Science and Technology, Food Science and Nutrition, Food Technology, Food Science, Biochemistry, or any closely related Food Science based programme. In addition, Applicants will be required to attend and pass a selection interview.

### **iii. PhD Food Science and Technology**

Applicants must have a master's degree in Food Science and Technology. Other Applicants must have completed course work in any three (3) out of the under-listed areas at the Masters' levels.

- Food Chemistry or related courses
- Food Microbiology or related courses

- Food Processing/Technology/Engineering or related courses
- Food Product Development/Sensory Science or related courses

Applicants with the under-listed degrees are eligible to apply provided they are willing to satisfy the prerequisite courses while on the PhD programme.

- Two-year MSc/MPhil Food Quality Management or its equivalent
- Two-year MSc/MPhil Chemistry or its equivalent
- Two-year MSc/MPhil Food Microbiology or its equivalent
- Two-year MSc/MPhil Biochemistry or its equivalent
- Two-year MSc/MPhil Agricultural Science or its equivalent

Admission shall be based on application with relevant qualification, research proposal, performance at a selection interview and acceptance of prerequisite courses where recommendations have been made.

### **iv. PhD Food Safety**

Applicants with a Master's Degree (Two-year MSc/MPhil) in any one of the following are eligible to apply:

- Food Quality or Food Safety Management;
- Food Science and Technology or its equivalent;
- Chemistry or its equivalent;
- Food Microbiology or its equivalent;
- Biology or its equivalent;
- Biochemistry or its equivalent;
- Environmental Science or its equivalent;

The admission shall be based on:

- Application with relevant qualifications and research proposal;
- Performance at interview;
- Acceptance of prerequisite courses where the Board has made recommendations.

Transfer from Master of Philosophy (MPhil) to Doctor of Philosophy Programmes is also possible and it is based on the guidelines of the graduate school.

***NB:** International students from countries where English is not the official language will require proof of English proficiency. (Minimum of one-year).*

### **3. Department of Environmental Science**

#### **i. MPhil. Environmental Science**

Applicants must have Bachelor of Science degree or its equivalent in Environmental Science, Biological Sciences, Physics, Chemistry, Mathematics, Engineering, Natural Resources, or other related fields from a recognised university. Work experience may be an advantage.

Applicants may be required to pass a selection interview.

#### **ii. MPhil. Environmental Science (Top-Up)**

Applicants who already have a one-year MSc. degree in Environmental Science and related disciplines (by taught course) can be admitted into the second year (research phase) of the MPhil. Environmental Science programme. Applicants may be required to pass a selection interview.

#### **iii. PhD. Environmental Science**

Applicants must have an MPhil degree or a Two (2) year MSc with a research and, or its equivalent from a recognised institution, in Environmental Science, Mathematics, Chemistry, Physics, Engineering, Biological Sciences, Natural Resources or other related disciplines from a recognised university. Applicants may be required to pass a selection interview.

*NB: International students from countries where English is not the official language will require proof of English proficiency. (Minimum of one-year).*

### **4. Department of Theoretical and Applied Biology**

#### **i. MPhil. Parasitology**

#### **ii. MPhil. Ecology**

#### **iii. MPhil. Entomology**

#### **iv. MPhil. Plant Physiology**

#### **v. MPhil. Microbiology**

#### **vi. MPhil. Plant Pathology**

#### **vii. MPhil. Reproductive Biology**

Applicants must have a Bachelor's degree (minimum of Second Class (Lower Division)) or its equivalent from a recognised institution in Biological Sciences, Biomedical Sciences, Medical Laboratory Technology, Biotechnology, Agriculture, Biochemistry, or other related Biosciences programmes. Applicants will be required to pass a selection interview.

#### **viii. PhD. Parasitology**

#### **ix. PhD. Ecology**

#### **x. PhD. Entomology**

#### **xi. PhD. Animal Physiology**

#### **xii. PhD. Limnology and Fisheries**

#### **xiii. PhD. Plant Physiology**

#### **xiv. PhD. Microbiology**

#### **xv. PhD. Plant Pathology**

#### **xvi. PhD. Reproductive Biology**

Applicants must have a Master's degree or its equivalent from a recognised institution and shall submit a research proposal to undertake the proposed programme. Applicants will be required to pass a selection interview.

*NB: International students from countries where English is not the official language will require proof of English proficiency. (Minimum of one-year).*

## **5. Department of Optometry and Visual Science**

### **i. MPhil Vision Science**

Applicants must have Bachelor's degree (minimum of Second Class (Lower Division)) from a recognised University in Optometry, Vision Science, Neuroscience, Pharmaceutical Sciences, Psychology, Mathematics, Physics, Human Biology, Medicine, Chemistry, Ophthalmology, Biological Sciences/Molecular, Biomedical Sciences, Computer Engineering/Science. Applicants shall be required to pass a selection interview.

### **ii. PhD Vision Science**

Applicants must have an MSc or MPhil degree in Optometry, Vision Science, Neuroscience, Pharmaceutical Sciences, Psychology, Mathematics, Physics, Human Biology, Medicine, Chemistry, Ophthalmology, Biological Sciences/Molecular, Biomedical Sciences, Computer Engineering/Science. Applicants shall be required to pass a selection interview.

*NB: International students from countries where English is not the official language will require proof of English proficiency. (Minimum of one-year).*

## **FACULTY OF PHYSICAL & COMPUTATIONAL SCIENCES**

### **1. Department of Chemistry**

#### **i. MPhil. Chemistry**

#### **ii. MPhil. Organic and Natural Products**

#### **iii. MPhil. Analytical Chemistry**

#### **iv. MPhil. Environmental Chemistry**

#### **v. MPhil. Physical Chemistry**

Applicants must have a Bachelor's degrees in Chemistry, Chemical Engineering, Materials Science/Engineering and related science disciplines with a minimum of Second Class (Lower Division). In addition, Applicants will be required to attend a selection interview.

### **vi. MPhil. Polymer Science and Technology**

Applicants must have a Bachelor's degrees in Chemistry, Physics, Chemical Engineering, Materials Science/Engineering and related science disciplines with a minimum of Second Class (Lower Division). In addition, Applicants will be required to attend a selection interview.

### **vii. PhD. Chemistry**

Applicants must have an MSc/MPhil degree or its equivalent in Chemistry, Physics, Chemical Engineering, Materials Science/ Engineering, and any science disciplines. In addition, Applicants will be required to attend and pass a selection interview.

## **2. Department of Physics**

### **i. MPhil. Geophysics**

Applicants must have Bachelor's degree (minimum of Second Class (Lower Division)) in Physics, Geology and related disciplines, Engineering, Mathematics or Statistics from a recognised university. In addition, Applicants will be required to attend a selection interview.

### **ii. MPhil. Environmental Physics**

Applicants must have Bachelor's degree (minimum of Second Class (Lower Division)) in Physics, Meteorology and Climate Science, Mathematics, Engineering or Chemistry from a recognised university. In addition, Applicants will be required to attend a selection interview.

### **iii. MPhil. Solid State Physics**

Applicants must have Bachelor's degree (minimum of Second Class (Lower Division)) in Physics, Materials Engineering or Engineering Physics from a recognised university. In addition, Applicants will be required to attend a selection interview.

### **iv. MPhil. Materials Science**

Applicants must have Bachelor's degree (minimum of Second Class (Lower Division)) in Physics, Materials Engineering or Chemical Engineering from

a recognised university. In addition, Applicants will be required to attend a selection interview.

**v. MPhil. Nuclear Science and Technology**

Applicants must have Bachelor's degree (minimum of Second Class (Lower Division)) in Physics, or Physics with Biomedical Physics from a recognised university. In addition, Applicants will be required to attend a selection interview.

**vi. MPhil. Mathematical and Computational Physics**

Applicants must have Bachelor's degree (minimum of Second Class (Upper Division)) in Physics, Meteorology and Climate Science, Engineering, Chemistry, or Mathematics from a recognised university. In addition, Applicants will be required to attend and pass a selection interview.

*The programme is in collaboration with the University of L'Aquila – Itali.*

**vii. PhD. Geophysics**

Applicants must have an MPhil degree in Geophysics, Geology with Geophysics or Geosciences related fields with specialisation in Geophysics from a recognised university. In addition, Applicants will be required to attend and pass a selection interview.

**viii. PhD. Environmental Physics**

Applicants must have an MSc/MPhil degree in Physics, MPhil Degree in Meteorology and Climate Science, Mathematics, or Chemistry from a recognised university. In addition, Applicants will be required to attend and pass a selection interview.

**ix. PhD. Solid State Physics**

Applicants must have an MPhil degree in Solid State Physics, Materials Science, or Physics with specialisation in Physics Materials or Solid State from a recognised university. In addition, Applicants will be required to attend and pass a selection interview.

**x. PhD. Materials Science**

Applicants must have an MPhil degree in Solid State Physics, Materials Science, Chemistry, Engineering, Geophysics, or Physics with specialisation in Physics Materials or Solid State from a recognised university. In addition, Applicants will be required to attend and pass a selection interview.

**xi. PhD. Nuclear Science and Technology**

Applicants must have an MSc/MPhil. degree in Physics, MPhil. Degree in Applied Physics, Nuclear Physics, Applied Nuclear Physics, or Biomedical Physics from a recognised university. In addition, Applicants will be required to attend and pass a selection interview.

**xii. PhD. Mathematical and Computational Physics**

Applicants must have an MPhil. degree in Solid State Physics, Materials Science, Physics, Engineering, Geophysics, Applied Physics, Nuclear Physics, Applied Nuclear Physics, Meteorology and Climate Science, Mathematics, Applied Mathematics, Environmental Physics from a recognised university. In addition, Applicants will be required to attend and pass a selection interview.

*The programme is in collaboration with the University of L'Aquila – Itali.*

**3. Department of Meteorology and Climate Science**

**1. MPhil. Meteorology and Climate Science**

Applicants must have Bachelor's degree (minimum of Second Class (Lower Division)) in Meteorology and Climate Science, Physics, Mathematics, Chemistry, Engineering, Computer Science, from a recognised university or Geography plus World Meteorological Organisation (WMO) diploma in meteorology and at least three (3) years work experience with a meteorology and climate science agency. In addition, Applicants will be required to attend a selection interview.

## **2. PhD. Meteorology and Climate Science**

Applicants must have an MPhil degree in Meteorology and Climate Science, Environmental Physics or Atmospheric Physics from a recognised university. In addition, Applicants will be required to attend a selection interview.

## **4. Department of Mathematics**

### **i. MPhil. Pure Mathematics**

### **ii. MPhil. Applied Mathematics**

Applicants must have a minimum of Second-Class Honors (Lower Division) from a recognized University in the following areas: Bachelor of Science in Mathematics, Statistics, Actuarial Science, or related degrees.

The Programme is an English-speaking graduate programme that will involve faculties from the Department of Mathematics, KNUST, and partner institutions to cover the curriculum. Therefore, the following are the language requirements:

Credit passes in English language at O/L, WAEC/SSSCE West African School Certificate Examinations or at the baccalaureate, or Applicants from non-Anglophone countries must have an Internationally recognized Certificate of Proficiency in the English Language (TOEFL or British Council, IELTS) with above average score e.g. TOEFL (75% or above).

Applicants without this qualification will take a two-month university programme before the programme commences each year.

*The lack of proficiency in English would not constitute a determinant criterion against the selection of a Applicants. Prior to arriving in KNUST, the Mathematics Department will facilitate the attendance of an intensive English language training programme at KNUST for Non-English-speaking participants.*

### **iii. MPhil. Scientific Computing and Industrial Modeling**

Applicants must have obtained a Bachelor of Science honours Degree from a reputable and accredited University or Institution of Higher Learning. Applicants with Bachelor's Degrees in the Sciences, such as Mathematics, Statistics, Computer Science, Physics and Chemistry, and Engineering may

apply. Applicants with a minimum of Second-Class Upper degrees shall be given priority during the recruitment process. Applicants must attend and pass an interview that will be conducted by an admission committee set up by NIMS-Ghana and the Department of Mathematics.

### **iv. PhD. Scientific Computing and Industrial Modeling**

Applicants must have a minimum of Second-Class Honors (Upper Division) in their first degree or a postgraduate diploma in Mathematics or its equivalent and a good Master of Philosophy in Scientific computing and industrial modeling, Applied Mathematics, Computer Science or its equivalent and other relevant disciplines, with an average of at least 60% CWA and must submit academic transcripts. Applicants 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. Otherwise, they will undertake a three-month intensive English training at KNUST. Applicants must be less than 35 years of age and must submit three favorable references, one of whom may preferably be the supervisor at the Master's level. In addition, the following are also essential for selecting participants. Applicants must demonstrate adequate intellectual capacity, maturity and effective decision making, problem-solving potential and should be socially competent. Applicants must submit both soft and hard copies of the research pre-proposal (about 6 - 8 pages double space), which will be fine-tuned under the guidance of their supervisors, if admitted. Applicants must show evidence of current and previous employment. Full-time availability after admission for a period of at least three years. Applicants must pass an interview.

### **v. PhD. Pure Mathematics**

### **vi. PhD. Applied Mathematics**

Applicants must have a minimum of Second-Class Honors (Upper Division) in their first degree or a postgraduate diploma in Mathematics or its equivalent. Applicants must have a good Master of Philosophy in Pure/Applied Mathematics or its equivalent and other relevant disciplines, with an average of at least 65% CWA and must submit academic transcripts. Applicants from non-Anglophone countries must have an Internationally recognized Certificate of Proficiency in the English Language (TOEFL or British Council, IELTS) with an above-average score.

Otherwise, they will undertake a three-month intensive English training and must submit three favorable references, one of whom may preferably be the supervisor at the master's level. In addition, Applicants must demonstrate adequate intellectual capacity, maturity, and effective decision-making, problem-solving potential and should be socially competent. Applicants must submit both soft and hard copies of the research pre-proposal (about 6 – 8 pages double space), which will be fine-tuned under the guidance of their supervisors if admitted. Applicants must show evidence of current and previous employment. Full-time availability after admission for a period of at least three years. Applicants must attend and pass an interview that will be conducted by an admission committee set up by the Department of Mathematics KNUST.

## **5. Department of Statistics and Actuarial Science**

### **i. MPhil. Actuarial Science**

Applicants must have Bachelor's degree (minimum of Second Class (Lower Division)) in Mathematics, Statistics, Actuarial Science, Physics and Engineering. Applicants with a good first degree in Finance, Accounting, Economics and other relevant disciplines will be considered provided they also pass at least level 1 examination from the Society of Actuaries (SOA), Casualty Actuarial Society (CAS) and Canadian Institute of Actuaries (CIA) examinations, Institute and Faculty of Actuarial (IFOA). Applicants with a good MSc in Actuarial Science, Statistics, Mathematics, Finance, Accounting, Economics, and other related disciplines will be considered provided they audit courses not done in MSc studies. Applicants will be required to attend and pass a selection interview.

### **ii. MPhil. Mathematical Statistics**

Applicants must have Bachelor's degree (minimum of Second Class (Lower Division)) in Mathematics, Statistics, Actuarial Science or related disciplines. Applicants with a good MSc in Actuarial Science, Statistics, Mathematics, Finance, Accounting, Economics, and other related

disciplines will be considered provided they audit courses not done in MSc studies. Applicants will be required to attend and pass a selection interview.

### **iii. PhD Actuarial Science**

### **iv. PhD Mathematical Statistics**

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

## **6. Department of Computer Science**

### **i. MSc. Computer Science**

### **ii. MPhil. Computer Science**

Applicants must have Bachelor's degree (minimum of 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, Artificial Intelligence, Computer Science with Mathematics, Computer Forensics, Computer Technology, Computer Gaming, Computer Security. Applicants must demonstrate that they are familiar with at least one programming language (i.e., C, C++, C#, Java, Python, JavaScript)

### **iii. MSc. Cyber Security and Digital Forensics**

### **iv. MPhil. Cyber Security and Digital Forensics**

Applicants must have a Bachelor's degree (minimum of Second Class (Lower Division)) from an accredited university in Computer Science, Computer Forensics, Computer Engineering, Information Technology (2<sup>nd</sup> Upper), Cyber Security, and Network Engineering.

### **v. MSc. Information Technology**

### **vi. MPhil. Information Technology**

Applicants must have Bachelor's degree (minimum of Second Class (Lower Division)) from an accredited university in any of the following areas: Information Technology, Information, Communication and Technology, Computer Science, Computer Engineering, Software Engineering,

Telecommunication Engineering, Computer Networking/Networks, Artificial Intelligence, Computer Science with Mathematics, Computer Forensics, Computer Technology, Computer Gaming, and Computer Security. In exceptional cases, Applicants found to have a weak background in any course, especially in programming, may be required to take extra courses as may be deemed necessary.

**vii. PhD. Computer Science**

**viii. PhD. Information Technology**

Applicants must have a master's degree (MSc/MPhil) from an accredited university in either Information Technology, Information, Communication and Technology, Computer Science, Computer Engineering, Software Engineering, Telecommunication Engineering, Computer Network/Networks, Artificial Intelligence, Computer Science with Mathematics, Computer Technology, Computer Security, Computer Forensics, Computer Gaming.

**G. INSTITUTE OF DISTANCE LEARNING**

*All MPhil/MBA programmes are for two years and MSc/MPA programmes are of one-year duration. Applicants may be required to attend a selection interview.*

1. MSc. Health Informatics
2. MSc. Information Technology
3. MSc. Human Nutrition
4. MSc. Food Quality Management
5. MSc. Biotechnology
6. MSc. Forensic Science
7. Commonwealth Master of Business Administration (CMBA) with specialisations in:
  - a) *Finance*
  - b) *Marketing*
  - c) *Human Resource Management*
  - d) *Logistics and Supply Chain Management*

8. MBA International Business
9. MSc. Planning, Monitoring and Evaluation
10. MSc. Industrial Finance and Investment
11. MSc. Business Consulting and Enterprise Risk Management
12. MSc. Educational Innovations and Leadership Science
13. Master of Education (M.Ed)
14. MSc. Project Management
15. MSc. Development Management
16. Master of Public Administration (MPA)
17. MSc. Security and Justice Administration
18. MSc. Energy and Sustainable Management
19. MSc. Hospitality and Tourism Management
20. MSc. Strategic Management and Leadership
21. MSc. Corporate Governance and Strategic Leadership
22. MSc. Insurance
23. MSc. Development Finance
24. MSc. Management and Human Resource Strategy
25. MSc. Marketing
26. MSc. Economics
27. MPhil. Post-Harvest Technology (Horticulture)
28. MSc. Logistics and Supply Chain Management
29. MSc. Procurement and Supply Chain Management
30. MSc. Geography and Sustainable Development
31. MSc. Accounting and Finance
32. MSc. Actuarial Science
33. MSc. Applied Statistics
34. MSc. Environmental Science
35. MSc. Agribusiness Management
36. MSc. Mechanical Engineering
37. MSc. Renewable Energy Technologies
38. MSc. Cyber Security and Digital Forensics
39. MSc. Environmental Resources Management
40. MSc. Communication System and Network Engineering

41. Professional Master of Engineering with Management (MEng) Programmes
42. MPhil. Crop Science
43. MSc. Agricultural Extension and Development Communication
44. MSc Physics

### **ENTRY REQUIREMENTS OF PROGRAMMES**

1. MSc. Health Informatics
2. MSc. Information Technology
3. MSc. Human Nutrition
4. MSc. Food Quality Management
5. MSc. Biotechnology
6. MSc. Forensic Science

#### **Entry Requirements (Programmes 1 – 6):**

Applicants for all the above programmes (1 – 6) must hold a good bachelor's degree from a recognised University in Science (Physical and Biological) or Engineering background.

7. Commonwealth Master of Business Administration with specialisations in:
  - a) *Finance*
  - b) *Marketing*
  - c) *Human Resource Management*
  - d) *Logistics and Supply Chain Management*
  - e) *Accounting*
8. MBA International Business
9. MSc Planning, Monitoring and Evaluation
10. MSc. Industrial Finance and Investment
11. MSc Business Consulting and Enterprise Risk Management
12. MSc. Educational Innovations and Leadership Science
13. Master of Education
14. MSc. Project Management
15. MSc. Development Management
16. Master of Public Administration

17. MSc. Security and Justice Administration
18. MSc. Energy and Sustainable Management
19. MSc. Hospitality and Tourism Management
20. MSc. Strategic Management and Leadership
21. MSc. Corporate Governance and Strategic Leadership
22. MSc. Insurance and Business Continuity
23. MSc. Development Finance
24. MSc. Management and Human Resource Strategy
25. MSc Marketing
26. MSc. Economics with options in:
  - a) *MSc. Economics*

#### **Entry Requirements (for Programmes 7 – 26):**

Applicants to the above programmes (7 – 26) must possess:

A good bachelor's degree in **any discipline** from a recognised University; or Professional qualifications (i.e., Chartered Level) in Accounting, Banking, Finance, Administration, Marketing, Management, Insurance, Engineering, Risk Management, etc. (e.g., ICAG, ACCA, CIMA, CIM, CPA, CIB, CII, ICMCI, CIRM, CFA, CFM, etc.).

#### **27. MPhil. Post-Harvest Technology (Horticulture)**

Applicants must hold a good bachelor's degree from a recognised University in Post-Harvest Technology, Agriculture, Agricultural Biotechnology, Natural Resource Management, Biological Sciences and other related sciences.

#### **28. MSc. Logistics and Supply Chain Management**

A good bachelor's degree from a recognised University in Logistics and Supply Chain Management related discipline; or A good first degree in any discipline with appreciable work experience in Supply Chain, Logistics or Transport Management; or An International advanced diploma in Logistics and Supply Chain Management.

#### **29. MSc. Procurement and Supply Chain Management**

Applicants must hold a good bachelor's degree from a recognised University in Supply Chain Management; Applicants without a background in Supply Chain Management **MUST** have verifiable experience and/or

training in Procurement Management; or Applicants that are chartered members of CIPS with two years' work experience.

### **30. MSc. Geography and Sustainable Development**

A good bachelor's degree in any Geography and Development related discipline. Other Applicants with professional qualifications may be considered.

### **31. MSc. Accounting and Finance**

A good bachelor's degree from a recognised University in Accounting or Finance; or A good first degree with option in Accounting e.g., BSc Mathematics with Accounting; Any other good degree with Part II qualification from recognised professional accounting bodies such as: ICAG, ACCA, CIMA, etc.

### **32. MSc. Actuarial Science**

A good first degree from a recognised University in Actuarial Science, Physics, Mathematics, Engineering Accounting, Finance, Economics or any programme within the Mathematical Sciences with evidence of Mathematical or quantitative ability.

### **33. MSc. Applied Statistics**

A good first degree from a recognised University in Statistics, Mathematics, or a Mathematical-related degree such as Actuarial Science, Economics, Computer Science, etc.

### **34. MSc. Environmental Science**

A good first degree from a recognised University in Biological Sciences, Biochemistry, Chemistry, Physics, Mathematics, Engineering, Geography, Culture and Tourism, Natural Resource Management and Agriculture.

### **35. MSc. Agribusiness Management**

A good first degree from a recognised University in Agribusiness Management, Business Administration, Agriculture and **relevant subject areas.**

### **36. MSc. Mechanical Engineering**

A good first degree in Mechanical Engineering or an allied discipline from a recognised University.

### **37. MSc. Renewable Energy Technologies**

A good first degree in Mechanical Engineering or an allied discipline from a recognised University.

### **38. MSc. Cyber Security and Digital Forensics**

A good first degree from a recognised University in Computer Science, Information Technology, Computer Engineering, Information Systems, Physics, Mathematics, Telecommunication, Business Information Technology, Electrical Engineering and other related Science or Engineering background. Applicants with professional qualifications and experience in the relevant area may be considered. In addition to (i) and (ii) above, applicants may be required to go through background security checks with the relevant state agency.

### **39. MSc Environmental Resources Management**

A good first degree from a recognised University in Mineral Processing, Engineering, Material Science and Engineering, Architecture, Agriculture, Renewable Natural Resources and Physical Science.

### **40. MSc. Communication System and Network Engineering**

A good first degree from a recognised University in Telecommunication, Electrical/Electronic Engineering, Computer Engineering, Computer Science, Physics, Mathematics, Telecommunication or other related Science or Engineering subjects; or Applicants with BSc Electrical and Electronic Technology in Education or BSc Information and Communication Technology in Education and a CWA of 45 in a semester bridging course organised by the University.

### **41. Professional Master of Engineering with Management (MEng) Programmes:**

#### **General Entry Requirements**

A good first degree from a recognised University with minimum of two years of working experience

**Specific Entry Requirements for Options:**

**A. Oil and Gas (Mid and Downstream)**

Possesses a BSc or B-Tech degree in Chemical Process and other Engineering disciplines from a recognised University;

**B. Industrial Operations**

Possesses a BSc or B-Tech degree in Engineering disciplines from a recognised University.

**C. Energy Systems Engineering**

Possesses a BSc or B-Tech degree in Mechanical Engineering or Energy related engineering disciplines from a recognised University.

**Duration of MEng Programmes**

The professional engineering programmes are **MODULAR**, and the modules will be run during weekends. The programme will cover **two (2) academic years**.

**42. MPhil. Crop Science**

A Bachelor's degree with a minimum of Second Class (Lower Division) in Agriculture, Agriculture Education, Natural Resources, Biological Science or Environmental Science from a recognised University, Technical University or University College.

**43. MSc. Agricultural Extension and Development Communication**

A good first degree in Agriculture or relevant subject areas (Natural Resource Management, Rural Development, Development Planning, Development Studies, Environmental Management, Sociology, Psychology) from a recognised University or Institution of higher learning.

**44. MSc. Physics**

A good first degree in Physics, Meteorology and Climate Science, Engineering or Mathematics from a recognised University or Institution of higher learning

1. IDL Offices are as follows:

- **KUMASI** – The Office of the Director, Institute of Distance Learning, Casely-Hayford Building, KNUST Campus; contact/WhatsApp, 0500482885, 0207801326, 0245077483, 0509314350
- **ACCRA** – Old KNUST Guest House near ECOBANK Head Quarters, Adabraka; contact/WhatsApp 0500482875 or KNUST Accra City Centre, Kwabenya; contact/WhatsApp 0546924824 or McCarthy Office contact/WhatsApp 0509627664 or Adenta Office contact/WhatsApp 0509627679
- **TAKORADI** – Sekondi-Takoradi City Centre, Kansaworodo, contact/WhatsApp 0500 482 883
- **TAMALE** – KNUST IDL Centre, Kapohini (near SSNIT Regional Headquarters); contact/WhatsApp 0244771773, 0208288666

2. **PLEASE NOTE: Programmes would only be mounted at Centres with the requisite minimum number of qualified applicants** (please contact IDL Office for details).
3. Facilitation is a **blend of online and face-to-face sessions** on weekends (Saturdays and Sundays) at the Centres mentioned above.
4. For more information and in-depth knowledge about the programmes, visit [idl.knust.edu.gh](http://idl.knust.edu.gh) or call 0247274661 or 0507110005.