

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

**SCHOOL OF GRADUATE STUDIES**

**ADMISSION OF CANDIDATES TO RESEARCH OR HIGHER  
DEGREE PROGRAMMES FOR 2021/2022 ACADEMIC YEAR**

Applications are invited from suitably qualified candidates 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 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 (UPPER DIVISION)

**ii. PhD Programmes**

Candidates applying for 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,

Masters Programmes (Full-Time) are of Two (2) Academic Years and (Part-Time) Three (3) Academic Years duration.

PhD Programmes (Full-Time) are of Four (4) Academic Years and (Part-Time) are of Five (5) Academic Years duration.

**MODE OF APPLICATION**

Sale of **E-Vouchers** for admission shall commence on **26<sup>th</sup> May, 2021**

Prospective applicants should purchase an e-Voucher containing Login ID/Serial Number and PIN for **GHC250.00** at the following banks: GCB Bank, Consolidated Bank Ghana (CBG) or Ecobank or dial \*447\*160# on any network and follow the prompts.

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

Once the process is completed, candidates **MUST PRINT OUT TWO (2) COPIES** of the completed application form from the portal and submit them (**by post**) to the School of Graduate Studies together with all relevant documents (Photocopies of Certificates, two (2) Recommendation Letters/Confidential Reports, Statement of Purpose, and [**Transcript** for those whose qualification used for the application was not obtained from KNUST]) to the following address:

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

Any hand delivered application shall not be processed. Deadline for completion of online application is **31<sup>st</sup> October, 2021**.

Application forms submitted after the deadline shall not be processed. Only candidates 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 Candidates from non-Anglophone countries must have an internationally recognised Certificate of Proficiency in the English Language (TOEFL or British Council, IELTS) with above average score 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**
- ii. MPhil. Reproductive Physiology**
- iii. MPhil. Animal Nutrition**
- iv. MPhil. Meat Science**

Candidates must have Bachelor's degree (minimum of Second Class (Upper Division)) in Agriculture or related disciplines from any recognised University. Candidates with Second Class (Lower Division) 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**

Candidates must have a Master's degree or its equivalent in Agriculture or related disciplines from any recognised University and shall submit evidence of adequate training and ability to undertake the proposed programme.

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

##### **i. MSc. Agribusiness Management**

Candidates 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. Relevant academic, administrative or field experience will be an advantage but not a prerequisite. Candidates must pass a selection interview to be conducted by the Department and demonstrate their ability to pay required fees.

##### **ii. MSc. Agricultural Extension and Development Communication**

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

##### **iii. MPhil. Agribusiness Management**

Candidates 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. Relevant academic, administrative or field experience will be an advantage but not a prerequisite. Candidates must pass a selection interview to be conducted by the Department and demonstrate their ability to pay required fees.

##### **iv. MPhil. Agricultural Economics**

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

##### **v. MPhil. Sustainable and Integrated Rural Development in Africa**

Candidates must have Bachelor's degree (minimum of Second Class (Upper Division)) or its equivalent qualification in Sustainable and Rural Development, Natural Resources Management, Environmental Management, Agriculture, Planning, Land Economy, Law, Health, Business, Social and Natural Sciences from recognised institutions. Candidates must pass a selection interview to be conducted by the Department and demonstrate their ability to pay required fees.

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

Candidates must have Bachelor's degree (Minimum of Second Class (Lower Division)) in Agriculture or relevant subject areas (Natural Resources Management, Sociology, Psychology) from recognised University or Institution of Higher Learning. Relevant academic, administrative or field experience will be an advantage but not a prerequisite. Candidates must pass a selection interview and demonstrate the ability to pay required fees.

#### **vii. PhD. Agribusiness Management**

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

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

Candidates must have an MPhil degree in Agricultural Extension and Development Communication or equivalent qualification from recognised University or Institution of Higher Learning. Candidates must pass a selection interview and demonstrate the ability to pay required fees. Other MPhil or equivalent degree holders in relevant subject areas (Agriculture, Natural Resources Management, Rural Development, Development Planning, Development Studies, Environmental Management, Sociology, Psychology) may be required to take relevant courses from the MSc/MPhil programmes as may be prescribed by the Department.

#### **ix. PhD Agricultural Economics**

Candidates must have an MSc/MPhil degree in Agriculture or relevant subject areas from a recognised University or Institution of Higher Learning. Candidates must pass a selection interview and demonstrate the ability to pay required fees.

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

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

Candidates must have Bachelor's degree (minimum of Second Class (Upper Division)) in Agriculture or related discipline from a recognised.

- ix. PhD. Agronomy**
- x. PhD. Crop Physiology**
- xi. PhD. Nematology**
- xii. PhD. Plant Breeding**
- xiii. PhD. Plant Entomology**
- xiv. PhD. Plant Pathology**
- xv. PhD. Plant Virology**
- xvi. PhD. Soil Science**

Candidates must have either an MSc or MPhil degree in the relevant discipline. In addition, all applicants will have to pass a selection interview conducted by the Departmental Board.

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

- i. MPhil. Postharvest Technology**
- ii. MPhil. Seed Science and Technology**
- iii. MPhil. Fruit Crops Production**
- iv. MPhil. Landscape Studies**
- v. MPhil. Vegetable Crops Production**
- vi. MPhil. Floriculture**

Candidates must have Bachelor's degree (minimum of Second Class (Upper Division)) in Agriculture, Landscaping or Allied programmes. Candidates with Second Class (Lower Division) may be considered after

a selection interview or must demonstrate considerable experience in research in the relevant field.

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

Candidates 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 proposed programme.

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

- **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**

Candidates must have 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. Candidates must also attend and pass a selection interview.

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

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

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

- i. **MPhil. Natural Resources and Environmental Governance**

Candidates must have Bachelor's degree (minimum of Second Class (Upper Division)) in Natural Resources Management, Environmental Management, Agriculture, Engineering, Planning, Land Economy, Law, Business, Social or Natural Sciences. Candidates with Second Class (Lower Division) and some work experience may be admitted after a selection interview.

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

Candidates must have Bachelor's degree (minimum of Second Class (Upper Division)) in Natural Resources Management, Agriculture or Natural Sciences.

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

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

- 3. **Department of Agroforestry**

- i. **MPhil. Agroforestry**

Candidates must have 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, candidates will be required to attend and pass a selection interview before admission.

## **ii. PhD. Agroforestry**

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

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

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

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

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

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

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

Candidates must have an MSc/MPhil in Wood Science, Wood Technology or Wood Technology and Management.

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

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

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

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

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

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

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

Candidates must have a degree in any of the following fields: fisheries sciences, natural resource management, environmental sciences,

agricultural sciences, biological and physical sciences, or any related discipline. Candidates must include in the application a 1-2 page(s) statement of purpose/motivation outlining career goals and research interests. Candidates must have a good record of academic achievements in a subject or subjects that provide an appropriate academic background. Applications are not restricted to candidates with degrees in sciences, all candidates shall be considered individually. Applications from mature candidates shall be considered on individual basis.

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

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

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

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

Candidates who have completed the Postgraduate Diploma (or higher) in Architecture and related fields of study from accredited/government recognised university will be admitted into the programme upon recommendation by the Departmental Board.

Candidates must demonstrate relevant experience as well as the capacity for undertaking advanced academic study with at least an Undergraduate and Postgraduate cumulative weighted average in architectural (or related fields ) studies of at least 60.

Two letters of recommendation from three previous faculties and/or members of the profession.

Portfolio of architectural studies (or related fields) works.

In addition to these requirements, all applicants must pass a selection interview by a panel from the Departmental Board.

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

Candidates must have Bachelor of Science degree in Architecture (minimum of Second Class (Upper Division)) from any accredited/recognised university. Candidates 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 candidate's National Service period.

Candidates 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**

*Options: Urban Design and Development  
Building and Environment  
Architectural History and Appreciation  
Housing  
Conservation and Restoration  
Landscape Design  
Environment and Behaviour*

Candidates must have Bachelor's degree (minimum of Second Class (Lower Division)) in Architecture from a recognised university. Candidates must have a one year relevant industrial or research experience and must show strong research abilities. Candidates must submit a research proposal of 3,000 to 5,000 words as part of the admission requirements.

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

Candidates must have an MPhil, MArch or MSc Architecture, Master of Arts graduates and Postgraduate Diploma in Architecture holders following initial registration on an MPhil Architecture programme may be considered for admission. Research in the fields of Engineering, Sciences or Humanities with connection to Architecture is admissible, subject to approval by the Departmental Board.

Candidates 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 (One Year)**

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

Candidates must have 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. Candidates with Architecture background must have obtained a PGD or MSc in Architecture or a registered qualification in Architecture. Candidates must attend and pass a selection interview. Candidates must submit a sustainable proposal and workable programme that fit into the construction industry. Candidates 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 (One Year)**

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

Candidates must have Bachelor's degree (minimum of Second Class (Lower Division)) in any field/discipline. Candidates must attend and pass a selection interview. Candidates must submit a sustainable proposal and workable programme that fit into the construction industry. Candidates 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. MSc. Project Management (One Year)**

### **vi. MPhil. Project Management**

Candidates must have Bachelor's degree (minimum of Second Class (Lower Division)) in any field/discipline. Candidates must have a minimum of two years relevant industrial or research experience. Candidates must attend and pass a selection interview. Candidates must submit a researchable thesis proposal and workable programme. Candidates 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.

### **vii. PhD. Building Technology**

Candidates 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. Candidates with two-year Master's degree in Construction Management are admissible. Candidates shall demonstrate sufficient ability to undertake the programme. Candidates must have a minimum of two years relevant industrial or research experience. Candidates must attend and pass a selection interview. Candidates must submit a sustainable research proposal and workable programme.

### **viii. PhD. Construction Management**

Candidates 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. Candidates with two-year Master's degree in Construction Management are admissible. Candidates shall demonstrate sufficient ability to undertake the programme. Candidates must attend and pass a selection interview. Candidates must submit a sustainable research proposal and workable programme.

## **3. Department of Planning**

- i. MSc. Development Planning and Management (Accra and Kumasi Centres - Weekend)**
- ii. MPhil. Development Planning and Management (Accra and Kumasi Centres - Weekend)**

The MSc. is for twelve (12) calendar months, within which students who pass all required courses and are supervised to prepare and submit a dissertation, will be awarded a Master of Science degree in Development Planning and Management.

Candidates who obtain CWA of 70% or more at the end of the first year may progress as MPhil. Development Planning and Management candidates for the second year. Such candidates would spend the second

academic year writing their theses and attending relevant seminars. The MPhil thesis will be an upgrade of their MSc dissertation and should be submitted by the end of the second year.

Applicants who have completed the one (1) year MSc. Development Planning and Management programme can be enrolled for one (1) year top-up leading to the award of an MPhil degree after passing a selection interview. Successful applicants would spend the academic year writing their theses and attending relevant seminars. Candidates will be required to generate a researchable topic in relevant thematic areas and complete the thesis at the end of the year.

The MPhil is a two (2) year programme comprising one (1) year of course work and another year of research work. Students are expected to pass all courses before commencing their research work in the second year.

The MSc. and MPhil. Development Planning and Management (SPRING) programmes are opened to Planners, Managers, Administrators and other professionals in development practice and related fields. Applicants must have Bachelor's degree in the Second Class (Lower Division) or 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 a selection interview before gaining admission.

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

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

The Master of Science Programme is for twelve (12) calendar months, within which students who pass all required courses and are supervised to prepare and submit a dissertation, will be awarded a Master of Science degree in Development Policy and Planning.

Candidates who obtain CWA of 70% or more at the end of the first year may progress as MPhil Development Policy and Planning candidates for the second year. Such candidates would spend the second academic year writing their theses and attending relevant seminars. The MPhil thesis will be an upgrade of their MSc dissertation and should be submitted by the end of the second year.

Applicants who have completed the one (1) year MSc Development Policy and Planning programme can be enrolled for one (1) year top-up leading to the award of an MPhil degree after passing a selection interview. Successful applicants would spend the academic year writing their theses and attending relevant seminars. Candidates will be required to generate a researchable topic in relevant thematic areas and complete the thesis at the end of the year.

The MPhil Programme is a two (2) year programme comprising one (1) year of course work and another year of research work. Students are expected to pass all courses before commencing their research work in the second year.

The MSc. and MPhil Development Policy and Planning programmes are designed for a wide range of professionals working in areas of development policy and planning in sectorial ministries, budgeting offices, Metropolitan, Municipal and District Assemblies as well as the private sector. Applicants must have Bachelor's degree in the Second Class (Lower Division) or above or its equivalent in the following programmes from recognized institutions 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.*

Candidates with post-graduation experience in industry or research may have an added advantage. All candidates must pass a selection interview before gaining admission.

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

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

The MSc. is for twelve (12) calendar months, within which students who pass all required courses and are supervised to prepare and submit a dissertation, will be awarded a Master of Science degree in Development Studies.

Candidates who obtain CWA of 70% or more at the end of the first year may progress as MPhil Development Studies candidates for the second year. Such candidates would spend the second academic year writing their theses and attending relevant seminars. The MPhil thesis will be an upgrade of their MSc dissertation and should be submitted by the end of the second year.

Candidates who have completed the one (1) year MSc. Development Studies programme can be enrolled for one (1) year top-up leading to the award of an MPhil degree after passing a selection interview. Successful applicants would spend the academic year writing their theses and attending relevant seminars. Candidates will be required to generate a researchable topic in relevant thematic areas and complete the thesis at the end of the year.

The MPhil Programme is a two (2) year programme comprising one (1) year of course work and another year of research work. Applicants are

expected to pass all courses before commencing their research work in the second year.

The MSc. and MPhil Development Studies programmes are designed for a wide range of professionals working in areas of Development Policy and Planning in Sectorial Ministries, Budgeting Offices, Metropolitan, Municipal and District Assemblies as well as the private sector. Applicants must have with Bachelor's degree in the Second Class (Lower Division) or above or its equivalent in the following programmes from recognized institutions 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.***

Candidates with post-graduation experience in industry or research may have an added advantage. All candidates must pass a selection interview before gaining admission.

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

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

The MSc. is for twelve (12) calendar months, within which students who pass all required courses and are supervised to prepare and submit a dissertation, will be awarded a Master of Science degree in Planning.

Candidates who obtain CWA of 70% or more at the end of the first year may progress as MPhil Planning candidates for the second year. Such candidates would spend the second academic year writing their theses and attending relevant seminars. The MPhil thesis will be an upgrade of their MSc dissertation and should be submitted by the end of the second year.

Candidates who have completed the one (1) year MSc Planning programme can be enrolled for one (1) year top-up leading to the award of an MPhil degree after passing a selection interview. Successful candidates will spend the academic year writing their theses and attending relevant

seminars. Candidates will be required to generate a researchable topic in relevant thematic areas and complete the thesis at the end of the year.

The MPhil Programme is a two (2) year programme comprising one (1) year of course work and another year of research work. Applicants are expected to pass all courses before commencing their research work in the second year.

Candidates for the MSc and MPhil Planning programmes must have Bachelor's degree (minimum of Second Class (Lower Division)) in Development Planning, Settlement Planning or any other Planning related degree from reputable institutions. Those whose degrees are not in Planning should NOT apply to the MSc and MPhil Planning programmes.

Candidates with post-graduation experience in industry or research may have an added advantage. All candidates must pass a selection interview before gaining admission.

**ix. MSc. Transportation Planning (Accra and Kumasi Centres - Weekend)**

This MSc. Transportation Planning is a 12-calendar month programme which provides participants with advanced knowledge in transportation planning through a multidisciplinary approach. The programme will provide students with knowledge and skills in: analysis of transportation and land use, design and operation of public transportation systems (including system optimization, simulation and modelling), traffic management, transport governance, operations research, road safety, environmental sustainability, logistics and gender issues in transportation.

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.

Candidates for the programme must have Bachelor's degree (minimum of Second Class (Upper Division)) or its equivalent, in **Planning, Engineering, Mathematics, Statistics, Physics, Geography, Architecture, Building Technology, Construction Management, Development Studies** and any field of specialization relevant to the programme from a recognized University.

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

Candidates with post-graduation experience in industry or research may have an added advantage. All candidates must pass a selection interview before gaining admission.

#### **x. PhD. Development Studies**

#### **xi. PhD. Planning**

Candidates for the **PhD. Development Studies** programme 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, Local Economic Development, Land Economy, Agriculture, Renewable Natural Resources, Economics, Civil Engineering and any other relevant programmes.***

Candidates 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.

Candidates with post-graduation experience in industry and proven research backgrounds in publications in reputable journals have added advantage.

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 courses 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 Candidates shall attend weekly Research Seminars and meet certain benchmarks set by the Department.

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

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.***

- **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 urban environments. 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; Intelligent transport system; Public transport system; Ride hailing; among others.***

- **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. Areas of research focus include:

*Water and sanitation sustainability; housing demand and supply; resilient cities through smart social service delivery; sustainable economic development; quality of life index and analysis; social and economic infrastructure planning; urban agriculture.*

- **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; Agenda 2063; Post-disaster recovery). The cluster aims to create an evidence base of practical knowledge for decision making. Areas of research focus include:

*Politics and planning; participatory urbanism; 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; among others.*

- **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. 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; among others.*

## **Centre for Settlements Studies & Department of Planning**

### **i. MPhil. Urban Management Studies**

The programme is open to all applicants but specifically targeted towards directors of the Ministry of Local Government and Rural Development; Staff of Town and Country Planning Department; Managers of Real Estate Companies; Managers of Waste Management Companies; Lands Commission Staff; Forestry Commission Staff, District, Municipal and Metropolitan Chief Executives; District, Municipal and Metropolitan Coordinating Directors, Planning Officers, Director or Works and Engineers. The programme is open to both regular and weekend applicants.

Candidates must have Bachelor's degree from any recognized university with a minimum of two years work experience from recognized institutions that are in urban related professions. Candidates will also be required to submit a research proposal and when shortlisted for admission would be invited for a selection interview. Candidates from the following backgrounds are eligible to apply: Architecture, Public/Business Administration, Settlement/Development Planning, Civil Engineering, Construction Technology and Management/Quantity Surveying and Construction Economics, Geography, Economics population Studies, Land Economy/Real Estate, Social/Political Science, Sociology/Psychology, and Development Studies.

## **4. Department of Land Economy**

### **i. MSc. Land Governance and Policy**

Candidates must hold 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 candidates with a minimum of two years relevant industrial or research experience. All

candidates must attend a selection interview and pass the interview before admission.

## **ii. MSc. Facilities Management**

Candidates 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 candidates with a minimum of two years relevant industrial or research experience. All candidates must attend a selection interview and pass the interview before admission.

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

Candidates must have a Master's 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 candidates with relevant work experience. Candidates must attend and pass a selection interview. Candidates 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. Painting**

#### **ii. MFA. Sculpture**

#### **iii. MFA. Painting and Sculpture**

Candidates must have Bachelor's degree (minimum of Second Class (Lower Division) or its equivalent from a recognised institution in the relevant area of study. Candidates must also present a Portfolio of recent works and pass a selection interview to be conducted by the Department.

#### **iv. PhD. Painting**

#### **v. PhD. Sculpture**

#### **vi. PhD. Painting and Sculpture**

Candidates must have a master's degree from a recognised institution in the relevant area of study. Candidates must also present a proposal of intended research and pass a selection interview to be conducted by the Department.

### **2. Department of Industrial Art**

#### **i. MFA. Ceramics**

Candidates must have Bachelor's degree or its equivalent in BFA/BA in Ceramics (minimum of Second Class (Upper Division)). Candidates must pass a written entrance exams and a selection interview to be conducted by the Department. Admission into the programme will also be based on an assessment of the candidate's Project Proposal and Portfolio.

#### **ii. MFA. Jewellery and Metalsmithing**

Candidates must have Bachelor of Art degree in Industrial Art (Metal Product Design Option) or its equivalent with a minimum of Second Class (Upper Division). Admission into the programme will be based on the assessment of the candidates Project Proposal and Portfolio. Candidates will also be required to pass a written exams as part of the interview.

### **iii. MFA. Textiles Design**

Candidates 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 candidates Project Proposal and Portfolio. Candidates will also be required to pass a written exams as part of the interview.

### **iv. MPhil. Textile Design Technology**

Candidates 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 candidates Project Proposal and Portfolio. Candidates will also be required to pass a written exams as part of the interview.

### **v. MPhil. Fashion Design Technology**

Candidates 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 candidates Project Proposal and Portfolio. Candidates will also be required to pass a written exams as part of the interview.

### **vi. MPhil. Integrated Art**

Candidates must have Bachelor's degree (minimum of Second Class (Upper Division)) in Integrated Rural Art and Industry or Bachelor's degree in a closely related field. Master of Integrated Art and Industry will be admitted to the Second Year of the MPhil programme. Candidates 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 candidates Project Proposal and Portfolio. Candidates will also be required to pass a written exams as part of the interview.

### **vii. PhD Textile Design Technology**

Candidates must have a good 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 candidates Project Proposal and Portfolio. Candidates will also be required to pass a written exams as part of the interview.

### **viii. PhD Fashion Design Technology**

Candidates must have a good 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 candidates Project Proposal and Portfolio. Candidates will also be required to pass a written exams as part of the interview.

## **3. Department of Publishing Studies**

### **i. MA. Publishing Studies**

Candidates must have a minimum of Second Class (Lower Division) or its equivalent from a recognised institution of higher learning. Candidates would be required to pass a selection interview and must show evidence of sufficient funds to cover the programme.

## **4. Department of Communication Design**

### **i. MComm. Design**

Candidates must have Bachelor's degree (minimum of Second Class (Upper Division)) in one of the pathway areas in Communication design or design-related programme. Candidates in addition, must have a minimum of two years professional work experience, and further demonstrate the appropriate intellectual, creative and personal qualities to pursue the programme. Candidates must be able to demonstrate, through the submission and review of a portfolio and through a selection interview, a level of knowledge and competence appropriate to the demands of the programme, and to demonstrate the potential to benefit from that study.

## **ii. MPhil. Communication Design**

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

## **iii. PhD. Visual Communication Design**

Candidates must have a good two-year research-based Master's degree (MFA/MPhil) in any design focused disciplines or its equivalent from an accredited institution. Candidates with three or more years of professional design experience demonstrated by portfolio and testimonials may be considered if the candidate's Master's degree is in a related or complementary field. Candidates 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. Candidates shall be required to pass a selection interview.

## **• FACULTY OF EDUCATIONAL STUDIES**

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

#### **i. MA. Art Education**

Candidates must have a BA, BFA or B.Ed (minimum of Second Class (Lower Division)) degree in any Visual Arts discipline. Candidates must have at least 60% in Research Methodology and Thesis Writing at the

undergraduate level. At least one-year teaching or school administration experience would be an advantage.

#### **ii. MPhil. Art Education**

Candidates must have a BA, BFA or B.Ed (minimum of Second Class (Lower Division)) degree in any Visual Arts discipline. Candidates must have at least 60% in Research Methodology and Thesis Writing at the undergraduate level. Candidates must submit a research proposal on an appropriate topic that is relevant to teaching, learning, and administration of the Arts, Vocational or General Education. Candidates must pass an entrance examination and interview with a minimum of 65%.

#### **iii. MPhil. Art Education (Top-Up)**

Candidates must have a MA, MFA, MComm from a recognised university. Candidates must submit a research proposal on an appropriate topic that is relevant to teaching, learning, and administration of the Arts, Vocational or General Education. Candidates must pass an entrance examination and interview with a minimum of 65%.

#### **iv. PhD. Art Education**

Candidates must have an MPhil in Fine Art, Art Education or any Visual Arts discipline from a recognized university. Candidates must show evidence of research scholarship: Thesis, Project Report, Journal article or other acceptable publication. Candidates must also submit a comprehensive research proposal on an appropriate topic in any Visual Arts discipline or Arts Administration. Candidates must pass an entrance examination and interview with a minimum of 70%.

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

Candidates 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. Candidates must have a minimum of 60% in Research Methodology and Thesis writing at the undergraduate level. Candidates with at least one year classroom teaching or school administration experience would be at an advantage. A candidate 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 as will be determined by the Department Board.

#### **vi. MSc. Educational Innovation and Leadership Science**

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

#### **vii. MPhil. Educational Innovation and Leadership Science**

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

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

### **i. MPhil. Educational Planning and Administration**

Candidates must have Bachelor's degree with a CGPA of 3.0 or CWA of 60 or above in any Education discipline or related field. Candidates with a good Bachelor's degree in a non-education related area but has PGD in Education or Diploma in Education OR Candidates with MEd/MSc/MA in Educational Administration or any related area (without research) from a recognized university with a CGPA of above 2.5 and have taken and passed a course in Research Methods may enrol on the programme

### **ii. MPhil. Mathematics Education**

Candidates must have Bachelor's degree with CGPA of 3.0 or CWA of 60 or better in Mathematics Education or any related discipline. Candidates

with 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 enrol on the programme. Candidates 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 enrol on the programme.

### **iii. MPhil. Language Education**

Candidates must have Bachelor's degree with CGPA of 3.0 or CWA of 60 or better in any Language Education related discipline from a recognised university. Candidates with Bachelor's degree with CGPA of 3.0 or CWA of 60 or better in any Language related discipline from a recognised university and has a MEd in Education, PGD in education or Diploma in Education may enrol on the programme. Candidates with MEd/MSc/MA in Language Education or any related area (without research) from a recognized university with a CGPA of above 2.5 or CWA of 60 may enrol on the programme.

### **iv. MPhil. ICT Education**

Candidates 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. Candidates 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 enrol on the programme. Candidates 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 enrol on the programme.

### **v. MPhil. Science Education**

Candidates 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 enrol on the programme. Candidates 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 enrol on the programme.

#### **vi. PhD. Educational Planning and Administration**

Candidates must have an MPhil in Educational Planning, Management, Leadership, or Administration or any related area with a CGPA of 3.0 or CWA of 60 or better from a recognised university. Candidates with MEd/MSc/MA with research in Educational Planning, Management, Leadership, or Administration or any related area from a recognized university and with a CGPA of 3.0 or CWA of 60 or better may enrol on the programme.

#### **vii. Ed.D. Educational Planning and Administration**

Candidates must have an MPhil in Educational Planning, Management, Leadership or Administration or any related area with a CGPA of 3.0 or CWA of 60 or better from a recognised university. Candidates with MEd/MSc/MA with research in Educational Planning, Management, Leadership or Administration or any related area with a CGPA of 3.0 or CWA of 60 or better from a recognized university and with relevant professional experience in Educational Administration, Management or Leadership not less than 3 years may enrol on the programme.

#### **viii. PhD. Science Education**

Candidates must have an MPhil in Science Education or Physical Education or any related discipline with a CGPA of 3.0 or CWA of 60 or better from a recognized university. Candidates with MEd with research in Science Education or Physical Education or any related area with a CGPA of 3.0 or CWA of 60 or better from a recognized university OR Candidates with MSc/MA with research in Science Education or Physical Education or any related area a CGPA of 3.0 or CWA of 60 or better from a recognized university and has a MEd in Education, PGD in Education or Diploma in Education may enrol on the programme.

#### **ix. PhD. ICT Education**

Candidates must have an MPhil in ICT Education or any discipline with a CGPA of 3.0 or CWA of 60 or better from a recognized university.

Candidates with MEd/MSc/MA in ICT Education or any related area with a CGPA of 3.0 CWA of 60 or better with research from a recognized university OR Candidates with MPhil/MEd/MSc/MA in ICT or any discipline with a CGPA of 3.0 or CWA of 60 or better from a recognized university and has a MEd in Education, PGD in Education or Diploma in Education may enrol on the programme.

#### **x. PhD. Language Education**

Candidates must have an MPhil in Language Education or any related area with a CGPA of 3.0 or CWA of 60 or better from a recognized university. Candidates with MEd/MSc/MA in Language Education or any related discipline with a CGPA of 3.0 or CWA of 60 better with research from a recognized university OR Candidates with MPhil/MEd/MSc/MA in any Language related discipline with a CGPA of 3.0 or CWA of 60 better with research from a recognized university and has a MEd in Education, PGD in Education or Diploma in Education may enrol on the programme.

#### **xi. PhD. Mathematics Education**

Candidates must have an MPhil in Mathematics Education or Statistics or any related area with a CGPA of 3.0 or CWA of 60 or better from a recognised university. Candidates with MEd/MSc/MA in Mathematics Education or Statistics any related area with a CGPA of 3.0 or better with research from a recognized university may enrol on the programme.

### **SANDWICH PROGRAMMES (TO BE RUN DURING THE LONG VACATION, AUGUST, 2021 – OCTOBER, 2021)**

#### **i. MEd. Educational Planning and Administration (Sandwich)**

Candidates must have Bachelor's degree with a CGPA of 2.5 or CWA of 60 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.

## **ii. MEd. Mathematics Education (Sandwich)**

Candidates must have Bachelor's degree in Mathematics Education or any related discipline OR a good Bachelor's degree in Mathematics or any related discipline and has a MEd in Education, PGD in Education or Diploma in Education.

## **iii. MEd. ICT Education (Sandwich)**

Candidates must have Bachelor's degree in any ICT Education related discipline from a recognised university OR Candidates with a good Bachelor's degree in any ICT related discipline from a recognised university and has a MEd in Education, PGD in Education or Diploma in Education.

## **iv. MEd. Science Education (Sandwich)**

Candidates must have a BEd. Science Education, BEd. Biology Education, BEd. Physics Education or BEd. Chemistry Education from a recognised university. Candidates 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 enrol on the programme.

## **v. MEd. Language Education (Sandwich)**

Candidates must have Bachelor's degree in any Language Education related discipline from a recognised university. Candidates with a good Bachelor's degree in any Language related discipline from a recognised university and has a MEd in Education, PGD in Education or Diploma in Education may enrol on the programme.

## **C. COLLEGE OF ENGINEERING**

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

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

##### **i. MSc/MPhil. Geotechnical Engineering (Accra and Kumasi Centres, Weekend)**

Candidates must have Bachelor's degree (minimum of Second Class (Upper Division)) or its equivalent in Civil Engineering, Geological Engineering, or any field of specialization relevant to the programme from a recognized University.

Candidates with other qualifications shall be interviewed by an admissions committee and, if necessary, may be required to take a written examination before admission. Candidates shall be interviewed and those who have relevant experience, qualification and pass the interview shall be admitted. MSc/MPhil Geotechnical Engineering programmes are MODULAR and the modules will be run during weekends (Saturdays and Sundays).

##### **ii. MSc/MPhil. Structural Engineering (Accra and Kumasi Centres, Weekend)**

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

MSc/MPhil Structural Engineering programmes are MODULAR and the modules will be run during weekends (Saturdays and Sundays).

##### **iii. PhD. Geotechnical Engineering**

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

weighted average of at least 60. Candidates with some publications in a journal as first author have an advantage. Candidates must provide evidence of current and previous employments. Candidates shall be interviewed and those who have relevant experience, qualification and pass the interview will be admitted.

#### **iv. PhD. Structural Engineering**

Candidates must have a Master's degree in Structural Engineering and other relevant disciplines, with a cumulative weighted average of at least 60. Candidates with some publications in a journal as first author have an advantage. Candidates must provide evidence of current and previous employments. Candidates shall be interviewed and those who have relevant experience, qualification and pass the interview will be admitted.

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

- *Partial funding is available to cover research and fees for limited number of applicants who perform very well at the competitive selection interview.*
- *Admitted applicants to pursue MSc/PhD programmes under RWESCK without funding are required to pay the University approved fees to be enrolled as Students of the University and they are required to fund their research.*

#### **v. MSc. Water Resources Engineering and Management**

Candidates must have Bachelor's degree (minimum of Second Class (Upper Division)) or its equivalent in Civil Engineering, Geological Engineering and other programmes relevant to water resources, or any field of specialisation relevant to the water resources industry from a recognized University. Candidates with other qualifications shall be interviewed and if necessary, may be required to take a written examination before admission. Candidates shall be interviewed and those who have good motivational statement, relevant experience and who pass the interview will be admitted.

#### **vi. MSc. Water Supply and Environmental Sanitation**

Candidates must have Bachelor's degree (minimum of Second Class (Upper Division)) or its equivalent from a recognised University in Civil or Chemical Engineering, Chemistry or any field of specialisation relevant to the water and sanitation industry. Candidates with other qualifications shall be interviewed and if necessary, may be required to take a written examination before admission. Candidates shall be interviewed and those who have good motivational statement, relevant experience and who pass the interview will be admitted.

#### **vii. PhD. Environmental Sanitation and Waste Management**

Candidates must have a good Master's degree in Water and Sanitation, Civil Engineering (sanitary option), Environmental Engineering, Environmental science/management, Chemical Engineering, chemistry and other relevant physical science disciplines, with a cumulative weighted average of at least 60. Candidates shall be interviewed and those who have good motivational statement, relevant experience and pass the interview will be admitted. Candidates with good research proposal and work experience on the following research themes will receive partial funding from the Regional Water and Environmental Sanitation Centre Kumasi (RWESCK):

- Innovative technology for waste management using Artificial Intelligence and data analytics
- Waste processing technology to enhance industrial symbiosis and eco-efficiency in circular economy
- Innovative waste treatment and conversion technology such as waste-to-green energy, waste-to-fertilizers with nutrients amendments, and food waste-to-animal feed
- Low cost on-site sanitation technologies, thermal treatment and bio-adsorbents for faecal sludge treatment and odour control
- Remediation of industrial wastewater and artisanal gold mine sites

#### **viii. PhD. Water Resources Engineering and Management**

Candidates must have a good Master's degree in Water Resources, Environmental Engineering, Agricultural Engineering (Soil and Water Engineering option), Hydrology, Hydrogeology, Natural Resources,

Mathematics, or any other relevant discipline from a recognised institution, with a cumulative weighted average of at least 60. Candidates shall be interviewed and those who have good motivational statement, relevant experience and pass the interview will be admitted. Candidates with good research proposal and work experience on the following research themes will receive partial funding from the Regional Water and Environmental Sanitation Centre Kumasi (RWESCK).

- Climate resilience water resources management using artificial intelligence and data analytics
- Digital real-time systems, tools and innovative technologies for flood control, managed-aquifer recharge, and groundwater recharge modelling for climate resilience
- GIS, remote sensing, web-based application and water isotope for optimising soil moisture dynamics, irrigation water management, hydrological modelling, and urban water management.

#### **ix. PhD. Water Supply and Treatment Technology**

Candidates must have a good 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. Candidates will be interviewed and those who have good motivational statement, relevant experience and pass the interview will be admitted. Candidates with good research proposal and work experience on the following research themes will receive partial funding from the Regional Water and Environmental Sanitation Centre Kumasi (RWESCK).

- Removal of groundwater contaminants using innovative nanomaterials, membrane modules and adsorbents (metal-oxide coated media and zeolites) in drinking water treatment
- Optimising small towns water supply systems management with Artificial Intelligence applications and SMART water instrumentation
- Candidates of tools and robotics technology for water distribution leakage reduction and water loss management

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

#### **x. MSc. Road and Transportation Engineering**

Candidates must have Bachelor's degree (minimum of Second Class (Upper Division)) or its equivalent in a relevant Engineering, Management, or Planning discipline, or a recognised equivalent qualification from a reputable University with good mathematical skills, Mathematics, Statistics, Physics, Geography, Planning, Architecture, Building Technology and Construction Management, Development Studies and any field of specialization relevant to the programme from a recognized University. Candidates whose qualification may not align the above directly will have their transcripts assessed by the selection committee and if found to be acceptable invited to attend a selection interview. Candidates with BTech with at least a two-2 year works' experience in the relevant disciplines may be admitted after passing a selection interview;

Relevant field experience will be an advantage.

#### **xi. PhD. Highway and Transportation Engineering**

Candidates must have a good Master's degree in Transport engineering, Transport systems, Highway engineering, Road and Transport engineering, Applied mathematics with transport or operations research specialisation, transport economics, or any other relevant discipline from a recognised institution, with a cumulative weighted average of at least 60.

### **WEST AFRICAN SCIENCE SERVICE CENTRE ON CLIMATE CHANGE AND ADAPTED LAND USE (WASCAL CCLU)**

*Supported with funding from the German Federal Ministry of Education and Research (BMBF)*

### **xii. PhD. Climate Change and Land Use (Full Scholarship Available)**

Candidates must have a minimum of Second Class (Upper Division) in their Bachelor's degree and a good Master's degree in Soil Science, Agricultural Engineering (Soil and Water Engineering option), Civil Engineering (Water Resources/Hydrology option), Geomatic Engineering, Natural Resources (Silviculture and Forestry, and Watershed management), Mathematics, Geography, Land Economy, Atmospheric Physics, Climatology, and other relevant disciplines, with a cumulative weighted average of at least 60. Candidates must demonstrate adequate intellectual capacity, maturity and effective decision making and problem solving potentials. Experience with modelling and GIS would be an advantage but not a prerequisite. Candidates must be able to travel to Germany for a period of three (3) to six (6) months.

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

### **i. MSc. Geomatic Engineering**

### **ii. MPhil. Geomatic Engineering**

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

### **iii. MPhil. Geographic Information System (GIS)**

Candidates 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. Candidates with Pass in any of the areas listed above must have in addition, a minimum of

two (2) years post-graduate industrial work experience. Candidates shall be required to pass a selection interview to determine their suitability and preparedness or otherwise for the programme.

### **iv. PhD. Geomatic Engineering**

Candidates 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. Candidates shall be required to pass a selection interview to determine their suitability and preparedness or otherwise for the programme.

## **3. Department of Geological Engineering**

### **i. MSc. Geophysical Engineering**

Candidates must have 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. Candidates with a Second Class (Lower Division) must have at least three (3) years of relevant experience. Candidates 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.

### **ii. MPhil. Geological Engineering**

Candidates must have 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. Candidates 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.

### **iii. PhD. Geological Engineering**

Candidates 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.

## **• FACULTY OF ELECTRICAL & COMPUTER ENGINEERING**

### **1. Department of Electrical/Electronic Engineering**

#### **i. MPhil. Power Systems Engineering**

Candidates must have Bachelor's degree (BSc/BEng) (minimum of Second Class (Lower Division)) in Electrical and Electronic Engineering Disciplines from a recognised University.

#### **ii. PhD. Electrical Engineering**

Candidates must have a Master's degree in Electrical and Electronic Engineering from a recognised University.

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

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

Candidates must have 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. Candidates who do not meet the above requirement may be admitted subject to passing a selection interview. Such candidates 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**

Candidates must have a Master's degree (MSc/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. Candidates who do not meet this requirement may be admitted subject to passing a selection interview. Such candidates may be required to take some recommended courses to make up for deficiencies which may be identified as a result of their background.

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

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

Candidates must have Bachelor's degree (minimum of Second Class (Upper Division)) in Telecommunication Engineering, Electrical/Electronic Engineering, Computer Engineering, Sciences or Mathematics disciplines from a recognised/reputable University. Candidates 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. Candidates from Science or Mathematics disciplines would be required to take sufficient Engineering background courses from the undergraduate level.

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

Candidates must have an MSc/MPhil degree in Telecommunication Engineering, Electrical Engineering, and Computer Engineering from a recognised/reputable University. For candidates applying without MSc/MPhil, the candidate must have Bachelor's degree (minimum of Second Class (Upper Division)) in Telecommunication Engineering, Electrical/Electronic Engineering, Computer Engineering, Sciences or Mathematics disciplines.

- **FACULTY OF MECHANICAL & CHEMICAL ENGINEERING**

1. **Department of Chemical Engineering**

- i. **MPhil. Chemical Engineering**

Candidates must have Bachelor's degree (minimum of Second Class (Upper Division)) in Chemical Engineering or other related engineering/science disciplines. Candidates from other disciplines may be required to take a number of undergraduate core courses in Chemical Engineering as determined by the Admission Committee. Consideration would also be given to candidates with Second Class (Lower Division) with at least two years of relevant work experience. All candidates shall be required to pass a selection interview and demonstrate the ability to fund or source funds for their research.

- ii. **PhD. Chemical Engineering**

Candidates 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 candidates shall be screened through a selection interview process for a demonstration of adequate training and ability to undertake independent research and also demonstrate the ability to fund or source funds for their research. An outline of a research proposal (synopsis) and the statement of purpose should accompany the application.

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

- i. **MPhil. Agricultural Machinery Engineering**

- ii. **MPhil. Agro-Environmental Engineering**

- iii. **MPhil. Bioengineering**

- iv. **MPhil. Food and Post-Harvest Engineering**

- v. **MPhil. Soil and Water Engineering**

Candidates must have Bachelor's degree (minimum of Second Class (Lower Division) in Agricultural Engineering or other related Engineering disciplines. Candidates with 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. Candidates must pass a selection interview.

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

*This programme 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 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.*

Candidates must have Bachelor's degree (minimum of Second Class (Lower Division)) from a recognised university in any discipline and a minimum of two (2) years work experience.

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

Candidates must have an MSc/MPhil degree in the relevant specialisation from a recognised university. Candidates may gain direct entry or undergo a selection interview prior to admission into the programme. Candidates 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)**
- iv. **MPhil. Renewable Energy Technologies**

Candidates must have Bachelor's degree (minimum of Second Class (Upper Division)) in Mechanical Engineering or related disciplines from a recognised University. Candidates 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**

Candidates 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**

Candidates must have a good masters (research based) degree in Mechanical Engineering or related discipline from a recognised

University. Candidates 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**

Candidates must have Bachelor's degree (minimum of Second Class (Upper Division)) or its equivalent in Mineral Processing, Material Science and Engineering, Architecture, Agriculture, Renewable Natural Resources and any Physical Sciences. Candidates with Second Class (Lower Division) would be interviewed before admission. Candidates must also have some industrial experience.

#### **ii. MPhil. Materials Engineering**

Candidates must have Bachelor's degree (minimum of Second Class (Upper Division)) or its equivalent in Engineering and Sciences or any field of specialisation relevant to the programme from a recognised university. Candidates with Second Class (Lower Division) must have at least three (3) years relevant experience. Candidates 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 the undergraduate Materials Engineering.

#### **iii. PhD. Materials Engineering**

Candidates 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.

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

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

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

##### **i. MSc. Pharmaceutical Technology**

Candidates must have 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 candidates must pass a selection interview.

##### **ii. MPhil. Pharmaceutics**

Candidates must have 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. Short-listed candidates must pass a selection interview.

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

Candidates must have 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. Short-listed candidates must pass a selection interview.

##### **iv. PhD. Pharmaceutics**

Candidates must have 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. Candidates must have a good Master's degree (MSc/MPhil or its equivalent) in Pharmaceutical Sciences, Drug delivery, Drug Design and Formulation

and other related disciplines from a recognised institution. Short-listed candidates must pass a selection interview.

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

Candidates must have 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. Candidates must have a good Master's degree (MPhil) in Pharmaceutical Microbiology, Microbiology, Biotechnology and other related disciplines from a recognised institution. Short-listed candidates must pass a selection interview.

#### **2. Department of Pharmacognosy**

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

Candidates must have Bachelor's degree (minimum of Second Class (Lower Division)) or its equivalent in Pharmacy, Biological Sciences, Botany, Chemistry, Biochemistry, other basic sciences and related areas.

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

Candidates must have a master's degree or its equivalent in Pharmacognosy or related disciplines.

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

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

Candidates must have Bachelor's degree (minimum of Second Class (Upper Division)) or its equivalent in Pharmacy, Biochemistry, Chemistry and related fields. Candidates may attend a selection interview.

## **ii. PhD. Pharmaceutical Chemistry**

Candidates must have a minimum of MSc/MPhil degree in pharmaceutical chemistry or related disciplines such as Pharmaceutical Analysis and Quality Control; Medicinal Chemistry, Biochemistry, Phytochemistry, Chemistry etc. with a minimum cumulative weighted average (CWA) of 70.00 or its equivalent in taught courses. Candidates must pass a selection interview.

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

### **i. MSc. Clinical Pharmacy (Part-Time)**

Candidates must have Bachelor of Pharmacy degree with 3 years post-qualification experience or Doctor of Pharmacy degree with 2 years post-qualification experience and must be a member of the Pharmaceutical Society of Ghana.

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

Candidates must have Bachelor of Pharmacy degree (minimum of Second Class (Upper Division)) or Doctor of Pharmacy degree (with CWA of 60 or above).

### **iii. PhD. Clinical Pharmacy**

Candidates must have an MSc/MPhil degree in Clinical Pharmacy from a recognised Institution.

### **iv. PhD. Social Pharmacy**

Candidates must have an MSc/MPhil degree in Pharmacy, Public Health, Psychology or a registered Pharmacist.

## **5. Department of Pharmacology**

### **i. MPhil Pharmacology**

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

Candidates must have Bachelor's degree (minimum of Second Class (Lower Division)) in Pharmacology, Pharmacy, Toxicology, Medicine, Biochemistry or a related field in the Biomedical Sciences. All candidates will have to attend and pass a selection interview.

### **iii. PhD Pharmacology**

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

Candidates must have an MPhil degree in Pharmacology, Clinical Pharmacology or Toxicology. All candidates will have to attend and pass a selection interview.

## **• FACULTY OF ALLIED HEALTH SCIENCES**

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

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

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

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

## **2. Department of Medical Diagnostics**

### **i. MPhil. Haematology**

Candidates must have Bachelor's degree (minimum of Second Class (Upper Division)) in Medical Laboratory Technology, Medical Laboratory Science or Biomedical Laboratory Science and MB.Ch.B or similar qualifications from a recognised university with a year post internship work experience. Candidates with Second Class (Lower Division) degrees must have at least two years post internship work experience in the relevant area.

## **• SCHOOL OF MEDICINE AND DENTISTRY**

### **1. Department of Molecular Medicine**

#### **i. MPhil. Chemical Pathology**

Candidates must have Bachelor's degree (minimum of Second Class (Lower Division)) in Biochemistry, Medical Laboratory Technology and MBChB. Candidates with at least one year working experience will have an advantage. Candidates must attend and pass a selection interview.

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

Candidates must have Bachelor's degree (minimum of Second Class (Lower Division)) in MBChB, Biochemistry, Medical Laboratory Technology and Molecular Biology/Biological Technology. Candidates with at least one year working experience will have an advantage. Candidates must attend and pass a selection interview before admission.

#### **iii. MPhil. Immunology**

Candidates must have Bachelor's degree (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 advantage. Candidates must attend and pass a selection interview.

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

Candidates must have an MSc/MPhil degree in disciplines such as Biochemistry, Medical Laboratory Technology and MBChB. Candidates with at least one year working experience will have an advantage. Candidates must attend and pass a selection interview.

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

Candidates must have an MSc/MPhil degree in disciplines such as Biochemistry, Medical Laboratory Technology, Molecular Biology, Biological Sciences and MBChB. Candidates with at least one year working experience will have an advantage. Candidates must attend and pass a selection interview.

#### **vi. PhD. Immunology**

Candidates must have an MSc/MPhil degree in disciplines such as Biochemistry, Medical Laboratory Technology, Biological Sciences and MBChB. Candidates with at least one year working experience will have an advantage. Candidates must attend and pass a selection interview.

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

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

Candidates must have Bachelor's degree (minimum of Second Class (Lower Division)) or its equivalent in Life Sciences, Medical Laboratory Technology, Biomedical Sciences, Biology or Biochemistry.

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

Candidates must have a Master's degree or its equivalent in Clinical Microbiology from a recognised institution of higher learning. Candidates

are entreated to contact a potential supervisor at the Department before proceeding to apply.

### **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**

Candidates 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. Candidates must have a flare for laboratory work or research. Candidates are required to submit a research synopsis together with the application. Candidates must show proof of their source of funding and pass a selection interview.

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

Candidates must have Bachelor's degree (minimum of Second Class (Upper Division)) in Biological Sciences, Biomedical Science, Anatomy and Cell Biology, Medical Laboratory Technology, Nursing, Herbal Medicine, Biochemistry, Allied Health Sciences, Chemistry or related disciplines from a recognised University. Candidates are required to submit a research synopsis together with the application. Candidates should have a flare for laboratory work or research. Candidates must show proof of their source of funding and pass a selection interview.

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

Candidates must have a good MSc/MPhil/MMedSc degree in Human Anatomy and Cell Biology, Human Anatomy and Forensic Science, Biological Sciences, Biomedical Science, Medical Laboratory Technology from a recognised University. Candidates are required to submit a research synopsis together with the application. Candidates must have a flare for laboratory work or research. Candidates must show proof of their source of funding and pass a selection interview.

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

Candidates must have a good MSc/MPhil/MMedSc degree in Human Anatomy and Cell Biology, Human Anatomy and Forensic Science, Biological Sciences, Biomedical Science, Medical Laboratory Technology from a recognized University. Candidates are required to submit a research synopsis together with the application. Candidates should have a flare for laboratory work or research. Candidates must show proof of their source of funding and pass a selection interview.

### **4. Department of Physiology**

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

Candidates must have Bachelor's degree (minimum of Second Class (Lower Division)) in any of the Life Sciences or MBChB from a recognised University. Candidates should have a flare for laboratory work or research. Candidates must show proof of their source of funding and pass a selection interview.

### **SCHOOL OF PUBLIC HEALTH**

#### **1. Department of Health Education, Promotion and Disability Studies**

- i. MPhil. Disability, Rehabilitation and Development (Full Time/Weekend)**
- ii. MSc. Health Education and Promotion (One Year - Full Time/Weekend)**
- iii. MPH. Health Education and Promotion (One Year - Full Time/Weekend)**

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

- iv. MSc. Population and Reproductive Health (One Year - Full Time/ Weekend)
- v. MPH. Population and Reproductive Health (One Year - Full Time/ Weekend)

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

- vi. MSc. Occupational and Environmental Health & Safety (One Year - Full Time/ Weekend)
- vii. MPH. Occupational and Environmental Health & Safety (One Year - Full Time/ Weekend)

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

- viii. MSc. Health Services Planning and Management (One Year - Full Time/ Weekend)
- ix. MPH. Health Services Planning and Management (One Year - Full Time/ Weekend)
- x. MPhil. Health Systems Research and Management (Full Time/ Weekend)

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

- xi. MPhil. Field Epidemiology and Applied Biostatistics (Full Time/ Weekend)

### ***Admission Requirement:***

Candidates applying to pursue any of the MSc/MPH/MPhil programmes, must have 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.

Candidates must have at least two years post-qualification work experience.

## **xii. PhD. Public Health**

Candidates must have a Master's degree or its equivalent, from a recognised institution and shall provide evidence of adequate training and financial support to undertake the proposed programme. A demonstrable scientific publication or good writing skills will be an advantage.

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

### **• FACULTY OF LAW**

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

Candidates must have Bachelor of Laws (LLB) degree (minimum of Second Class (Upper Division)) or its equivalent from a recognised university. Candidates with a Second Class (Lower Division) from a recognised university and have impressive recommendation may be admitted to the programme upon successful entrance examination and/or a selection interview.

### **• FACULTY OF SOCIAL SCIENCES**

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

##### **i. MSc. Economics - One (1) Year**

###### ***Options:***

- ***General***
- ***Money, Banking and Finance***
- ***Energy and Resource Economics***
- ***Health Economics and Policy***

Candidates must have Bachelor's degree (minimum of Second Class (Lower Division)) in the Economics (with Finance, Mathematics, Statistics, Geography, Law, Sociology, Political Science and History), Business Administration, Mathematics, Statistics, Engineering, Physics, Actuarial Science, Environmental Science, Land Economy, Natural Resources Management, Geography, Geography and Resource Development, Geography and Rural Development, Geography and Regional Planning, Development Studies and related disciplines. Admission is subject to passing an entrance examination.

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

Candidates must have Bachelor's degree (minimum of Second Class (Upper Division)) in Economics. Candidates must have done Econometrics, Advanced Economic Theory and Mathematics for Economists at the undergraduate level in a recognised tertiary institution. 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***

Candidates 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, candidates will be required to pass a written examination and a selection interview.

#### **ii. PhD. French**

##### ***Options:***

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

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

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

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

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

#### **ii. PhD. English**

Candidates must have an MA/MPhil degree in English. Prospective Candidates are required to discuss their research topics with the Head of Department or any Senior Member in the Department.

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

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

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

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

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

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

Candidates must have a Master's degree with good research background in Geography or other Geography related disciplines. Candidates shall be

required to submit and present a thesis proposal and pass a selection interview.

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

### **i. MA. Religious Studies (One Year)**

Candidates must have obtained Bachelor's degree (minimum of Second Class (Lower Division)) in either Religious Studies or Theology from a recognised University or accredited Theological Seminary/Institution. Applicants with a good Bachelor's degree in any discipline other than Religious Studies or Theology, may apply for the MA programme. Admission for both groups is subject to passing a selection interview.

### **ii. MPhil. Religious Studies**

Candidates must have obtained Bachelor's degree (minimum of Second Class (Upper Division)) in either Religious Studies or Theology from a recognised University or accredited Theological Seminary/Institution. Candidates with Social Sciences or Humanities background must in addition have a Diploma in Theology/Religious Studies from a recognised University or accredited Theological Seminary/Institution.

### **iii. PhD. Religious Studies**

Candidates must have a Master's degree in Religious Studies or Theology with extensive research from a recognised University or Theological Seminary/Institution. A candidate with a one year Master's degree in Religious/Theology Studies will be made to take the first year courses in the MPhil. Religious Studies programme at the Department. The applicant should pass all courses and attain a minimum CWA of 70 or better and demonstrate the capacity for independent research before they could be considered for admission into the PhD programme. Admission for both groups is subject to passing a selection interview.

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

### **i. MA. Sociology (One Year)**

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

Candidates must have Bachelor's degree (minimum of Second Class (Lower Division)) in Sociology or Social Work from a recognised University. A Postgraduate Diploma in the Humanities from an Accredited University with at least two years work experience. Any relevant Bachelor's degree (minimum of Second Class (Lower Division)) from an accredited University with at least two years Social Development experience. All candidates must pass a selection interview.

### **iii. MA. Social Work (One Year)**

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

Candidates must have Bachelor's degree (minimum of Second Class (Lower Division)) in Social Work or any Social Science discipline with at least one-year Social Development experience, or any relevant Bachelor's degree, with at least a Second Class (Lower Division), from an accredited University with at least two years social development experience.

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

Candidates must have an MPhil degree in Sociology. Other candidates with second degree in relevant field other than Sociology and have a strong research background may be admitted. Such applicants will take the first year courses in MPhil. Sociology programme and must attain a CWA of 70 or above before pursuing the PhD programme. In addition, all candidates will be interviewed.

## **7. Department of History and Political Studies**

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

### **ii. MPhil. Chieftaincy and Traditional Leadership**

This is a modular programme of two year's duration and divided into 4 modules. Participants/Students may therefore enrol for programme and

terminate their studies after completing one or two modules and obtain a certificate or may continue to complete all four modules and obtain a Master of Philosophy Degree. Participants who wish to obtain a Post Graduate Diploma, a Master of Arts or Master of Philosophy degree must be holders of Bachelor's degree (minimum of Second Class (Upper Division or its equivalent)) in Engineering, Science Health and Humanities with some work experience. Applicants with Second Class (Lower Division) with some work experience may be admitted. Applicants who wish to earn only certificates of Participation may be admitted with High School Certificates. All applicants will be admitted after passing a selection interview

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

Candidates must have Bachelor's degree (minimum of Second Class (Lower Division)) in all disciplines. Preference will be given to candidates with degrees in Social Science disciplines. All candidates must pass a selection interview.

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

Candidates must have Bachelor's degree (minimum of Second Class (Upper Division)) in History or in a relevant field of study from an accredited Institution in Ghana or a degree of equivalent standard from a foreign University. Candidates with second class (Lower Division) may be considered, provided they show evidence of a minimum of two years work experience.

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

Candidates must have Bachelor's degree (minimum of Second Class (Upper Division)) in History or related field of study (Humanities or Social Sciences) from an accredited institution or a degree of equivalent standard from a foreign university. Holders of Second Class (Lower Division) in history may be considered, provided they show evidence of a minimum of two years work experience.

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

Candidates must have Bachelor's degree (minimum of Second Class (Upper Division)) in Political Science. Candidates with Second Class (Lower Division) with a proven track record with a good research experience may be considered. All candidates must submit a research proposal. Shortlisted candidates must pass a selection interview before admission into the programme.

### **vii. PhD. Historical Studies**

Candidates must have a Master's degree (MA, MSc, MRes or MPhil) in History. Other disciplines will be considered. In cases where the applicant is lacking knowledge in the foundational courses, the applicant will do a top up of the relevant courses. The candidate shall be assessed within twelve months of admission and advised on suitability or otherwise. All applications must include a research proposal. All candidates must pass an entry examination and a selection interview to determine applicants' likelihood of academic success.

## **• KNUST SCHOOL OF BUSINESS (KSB)**

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

#### **Areas of Specialisation:**

- i. Accounting*
- ii. Finance*
- 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)*

Candidates must possess Bachelor's degree (minimum of Second Class (Lower Division)) or equivalent professional qualifications from a

recognised institution in any relevant area. Candidates must pass a selection interview to be conducted by the School. An entrance examination may be required when necessary. All candidates must demonstrate their ability to pay all approved programme fees for the duration of study.

## **2. Master of Science Programmes (Weekends Only)**

- i. MSc. Marketing*
- ii. MSc. Management and Human Resource Strategy*
- iii. MSc. Accounting and Finance*
- iv. MSc. Finance*
- v. MSc. Logistics and Supply Chain Management*
- vi. MSc. Procurement and Supply Chain Management*
- vii. MSc. Business and Data Analytics (Kumasi and Accra Centres)*
- viii. MSc. Air Transportation and Aviation Management (Accra and Kumasi Centres)*

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

### *ix. MSc. Corporate Governance and Strategic Leadership (Accra and Kumasi)*

Candidates must possess Bachelor's degree (minimum of Second Class (Lower Division) in a relevant discipline from a recognised University or Institution of Higher Learning. Candidates with Postgraduate Diploma in Corporate Governance and Strategic Leadership, or postgraduate Certificate in either Corporate Governance or Strategic Leadership or both shall be given exemptions or credits up to the number of courses they have already taken.

- 3. MPhil. Management and Human Resource Strategy**
- 4. MPhil. Logistics and Supply Chain Management**
- 5. MPhil. Procurement and Supply Chain Management**
- 6. MPhil. Business and Management**

### *Areas of Specialisation:*

- i. Accounting*
- ii. Finance*
- iii. Marketing*
- iv. Strategic Management and Consulting*
- v. Human Resource Management*
- vi. Management and Organisational Development*
- vii. Logistics and Supply Chain Management*
- viii. Management Information Systems (MIS)*

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

Candidates without Master's degree qualification in relevant Business Administration subject areas but possess Bachelor's degree (minimum of Second Class (Lower Division)) in any subject area shall be admitted into the MSc. programme and may be upgraded to MPhil. after achieving a minimum CWA of 70 at the end of the first year.

### ***Please Note:***

*MBA FULL-TIME students shall be made to choose to join EITHER the EVENING or WEEKEND stream in the Second Year.*

## **F. COLLEGE OF SCIENCE**

### **FACULTY OF BIOSCIENCES**

#### **1. Department of Biochemistry and Biotechnology**

##### **i. MSc. Biotechnology**

##### **ii. MPhil. Biotechnology**

Candidates must have Bachelor's degree (minimum of Second Class (Lower Division)) from an accredited institution of higher learning in any of the following fields: Biochemistry, Biotechnology, Chemistry, Pharmacy, Biomedical Science, Herbal Medicine, Medical Laboratory Technology, Biological Sciences, Molecular Biology, Microbiology, Agricultural Science, Horticultural Science, Forestry, Animal Science, Veterinary Medicine, Chemical Engineering, Renewable Natural Resources, and other related disciplines. MPhil candidates will be required to pass a selection interview.

##### **iii. MPhil. Biochemistry**

Candidates must have Bachelor's degree (minimum of Second Class (Lower Division)) from an accredited institution of higher learning in any of the following fields: Biochemistry, Biotechnology, Chemistry, Pharmacy, Biomedical Science, Food Science, Nutrition, Herbal Medicine, Medical Laboratory Technology, Biological Sciences, Molecular Biology, Microbiology, Agricultural Science, and other related disciplines. Candidates will be required to pass a selection interview.

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

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

Candidates must have 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. MPhil candidates will be required to pass a selection interview.

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

Candidates must have Bachelor's degree (minimum of Second Class (Lower Division)) from an accredited institution of higher learning in any of the following fields: Biochemistry, Food Science, Animal Science, Nutrition, Nursing, Biological Sciences, Medicine, Pharmacy, and Dietetics. Candidates will be required to pass a selection interview.

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

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

Candidates must have an MSc or MPhil degree from a recognised university in any of the following fields: Biochemistry, Biotechnology, Chemistry, Biomedical Science, Pharmacy, Herbal Medicine, Medical Laboratory Technology, Biological Sciences, Molecular Biology, Microbiology, Agricultural Science, Horticultural Science, Forestry, Animal Science, and other related disciplines. Candidates will be required to submit a research proposal and pass a selection interview.

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

Candidates must have an 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. Candidates will be required to submit a research proposal and pass a selection interview.

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

Candidates must have an 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. Candidates will be required to submit a research proposal and pass a selection interview.

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

### **i. MSc. Food Quality Management**

Candidates must have a BSc degree (minimum of Second Class (Lower Division)) in Food Science and Technology, Biochemistry, Chemistry, Nutrition Science, Biology, Agricultural Engineering, Chemical Engineering, or and related science or technology disciplines 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 candidate has not reached the requirement above. Such candidate shall be assessed through a selection interview.

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

Candidates 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 degree 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 candidate has not reached the requirement above. Such candidate shall be assessed through a selection interview or an entry examination.

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

Candidates must have a BSc degree (minimum of Second Class (Lower Division)) in Food Science and Technology, Food Science and Nutrition, Food Technology, or Food Science. Candidates with Bachelor's degree in any closely related field may apply, such candidates shall be required to satisfy prerequisite courses.

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

Candidates must have a master's degree in Food Science and Technology. Other candidates 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

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

- MSc/MPhil Food Quality Management or its equivalent
- MSc/MPhil Chemistry or its equivalent
- MSc/MPhil Food Microbiology or its equivalent
- MSc/MPhil Biochemistry or its equivalent
- 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 by the Board of the Department.

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

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

Candidates must have Bachelor's degree (minimum of Second Class (Lower Division) or its equivalent from a recognised institution, in Environmental Science, Biological Sciences, Chemistry, Biochemistry, Physics, Mathematics, Engineering, and Applied Sciences. Holders of MSc. Environmental Science are encouraged to apply for one year full time research top-up to earn MPhil. Environmental Science degree upon successful completion.

### **ii. PhD. Environmental Science**

Candidates must have an MPhil degree or its equivalent from a recognised institution, in Environmental Science, Chemistry, Physics, Engineering, Biological Sciences, and related disciplines from a recognised institution and must submit evidence of funding and demonstrate ability to undertake original research.

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

- i. MPhil. Parasitology**
- ii. MPhil. Ecology**
- iii. MPhil. Entomology**
- iv. MPhil. Plant/Animal Physiology**
- v. MPhil. Microbiology**
- vi. MPhil. Plant Pathology**
- vii. MPhil. Reproductive Biology**
- viii. MPhil. Plant/Animal Systematics**
- ix. MPhil. Molecular Biology**
- x. MPhil. Fish and Fisheries Science**

Candidates must have Bachelor's degree (minimum of Second Class (Lower Division)) or its equivalent from a recognised institution in the relevant field of study.

- xi. PhD. Parasitology**
- xii. PhD. Ecology**
- xiii. PhD. Entomology**
- xiv. PhD. Plant/Animal Physiology**
- xv. PhD. Microbiology**
- xvi. PhD. Plant Pathology**
- xvii. PhD. Reproductive Biology**
- xviii. PhD. Plant/Animal Systematics**
- xix. PhD. Molecular Biology**
- xx. PhD. Fish and Fisheries Science**

Candidates must have a Master's degree or its equivalent from a recognised institution and shall submit evidence of funding and demonstrate ability to undertake original research in any of the fields stated above.

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

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

Candidates must have Bachelor's degree (minimum of Second Class (Lower Division)) from a recognised University in Vision Science, Optometry, Ophthalmology, Biology, Human Biology, Biochemistry, Pharmacy, or Physics. Candidates shall be required to pass a selection interview.

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

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

#### **• 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**

Candidates must have Bachelor's degrees in Chemistry, Chemical Engineering, Materials Science/Engineering and related science disciplines with a minimum of Second Class (Lower Division).

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

Candidates must have Bachelor's degrees in Chemistry, Physics, Chemical Engineering, Materials Science/Engineering and related science disciplines with a minimum of Second Class (Lower Division).

## **vii. PhD. Chemistry**

Candidates must have an MSc/MPhil degree or its equivalent in Chemistry, Physics, Chemical Engineering, Materials Science/Engineering and any science disciplines

## **2. Department of Physics**

### **i. MSc. Physics (One Year)**

Candidates must have Bachelor's degree (minimum of Pass) in Physics, Meteorology and Climate Science, Engineering or Mathematics from a recognised university. A minimum of three (3) years teaching experience would be added advantage.

### **ii. MPhil. Geophysics**

Candidates 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.

### **iii. MPhil. Environmental Physics**

Candidates 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.

### **iv. MPhil. Solid State Physics**

Candidates must have Bachelor's degree (minimum of Second Class (Lower Division)) in Physics, Materials Engineering or Engineering Physics from a recognised university.

### **v. MPhil. Materials Science**

Candidates must have Bachelor's degree (minimum of Second Class (Lower Division)) in Physics, Materials Engineering or Chemical Engineering from a recognised university.

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

Candidates must have Bachelor's degree (minimum of Second Class (Lower Division)) in Physics or Physics with Biomedical Physics from a recognised university.

## **vii. MPhil. Meteorology and Climate Science**

Candidates 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.

## **viii. PhD. Geophysics**

Candidates must have an MPhil degree in Geophysics, Geology with Geophysics or Geosciences related fields with specialisation in Geophysics from a recognised university.

## **ix. PhD. Solid State Physics**

Candidates 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.

## **x. PhD. Materials Science**

Candidates 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.

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

Candidates must have an MPhil degree in Meteorology and Climate Science, Environmental Physics or Atmospheric Physics from a recognised university.

### **xii. PhD. Environmental Physics**

Candidates must have an MPhil degree in Physics, Meteorology and Climate Science, Mathematics, or Chemistry from a recognised university.

### **3. Department of Mathematics**

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

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

Candidates must have Bachelor's degree (minimum of Second Class (Lower Division)) in Mathematics, Statistics, Computer Science, Physics, Chemistry, Engineering or any Mathematics related programme from a recognised university.

#### **iii. PhD. Pure Mathematics**

Candidates must have an MSc/MPhil degree in Mathematics (Pure or Applied) which indicate a strong academic record from a recognised institution. Exceptional candidates from other Mathematics related research fields such as Engineering or Physics may be considered for admission. Candidates must demonstrate a strong research background and the ability to carry out original scientific research. In addition, candidates must excel in an oral presentation and a selection interview steered by the Department.

#### **iv. PhD. Applied Mathematics**

Candidates must have a good MPhil degree in Applied Mathematics or its equivalent in other relevant disciplines, with a minimum of 60 CWA. Candidates must submit a research proposal (about 6-8 pages, double spacing) and evidence of current and previous employments. Candidates shall be required to pass a selection interview. Candidates must be less than 40 years.

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

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

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

Candidates must have Bachelor's degree (minimum of Second Class (Lower Division)) in Mathematics, Statistics, or Actuarial Science.

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

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

Candidates 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.

### **5. Department of Computer Science**

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

Candidates must have Bachelor's degree (minimum of Second Class (Lower Division)) in either Computer Science, Software Engineering, Artificial Intelligence, Computer Forensics, Computer Technology, Computer Gaming, Computer Security, Cyber Security, Telecommunication Engineering or Computer Engineering.

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

Candidates must have Bachelor's degree (minimum of Second Class (Lower Division)) in either Cyber Security, Computer Science, Computer Network, Information Technology, Computer Forensics, Computer Security, Telecommunication Engineering, Computer Engineering, Electrical/Electronic Engineering, Mathematics, Statistics, Actuarial Science or Economics.

#### **iii. MSc. Information Technology**

Candidates must have Bachelor's degree (minimum of Second Class (Lower Division)) in either Information Technology, Information Communication and Technology, Business Information Technology,

Cyber Security, Computer Network, Computer Science, Artificial Intelligence, Computer Forensics, Computer Engineering, Computer Gaming, Telecommunication Engineering, Computer Engineering, Electrical/Electronic Engineering, Mathematics, Statistics, Actuarial Science, Physics or Economics.

#### **iv. MPhil. Computer Science**

Candidates must have Bachelor's degree (minimum of Second Class (Upper Division)) in either Computer Science, Telecommunication Engineering or Computer Engineering.

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

Candidates must have Bachelor's degree (minimum of Second Class (Lower Division)) in either Cyber Security, Computer Science, Computer Network, Information Technology, Telecommunication Engineering, Computer Engineering, Electrical/Electronic Engineering, Mathematics, Statistics, Actuarial Science or Economics.

#### **vi. PhD. Computer Science**

Candidates must have a master's degree (MSc/MPhil) in either Computer Science, Computer Engineering, Software Engineering, Telecommunication Engineering, Computer Network/Networks, Artificial Intelligence, Computer Science with Mathematics, Computer Technology, Computer Security, Computer Forensics or Computer Gaming.

#### **vii. PhD. Information Technology**

Candidates must have a master's degree (MSc/MPhil) in either 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 or Information Communication Technology.

### **G. INSTITUTE OF DISTANCE LEARNING**

*All MPhil/MBA programmes are of 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 and Dietetics**
- 4. MSc. Food Quality Management**
- 5. MSc. Biotechnology**
- 6. MSc. Forensic Science**

Applicants to 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**

*Areas of specialisation:*

- i. Finance*
- ii. Marketing*
- iii. Human Resource Management*
- iv. Logistics and Supply Chain Management*
- v. 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. MPhil/MSc. Educational Innovations and Leadership Science**
- 13. Master of Education**
- 14. MSc. Project Management (Accra and Takoradi Centres Only)**

**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 (Accra Centre Only)**

*Options:*

- *General*
- *Money, Banking and Finance*
- *Energy and Resource Economics*
- *Health Economics and Policy*

Applicants to the above programmes (7-26) must possess a good Bachelor's degree in **any discipline** from a recognised University; or a Professional qualification (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)**

Candidates must have 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. MPhil/ MSc. Logistics and Supply Chain Management**

Candidates must have a good Bachelor's degree from a recognised University in Logistics and Supply Chain Management related discipline; OR a good Bachelor's 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**

Candidates must have a good Bachelor's degree from a recognised University in Supply Chain Management; OR A good Bachelor's degree in **any discipline** with relevant practical experience in Procurement; OR candidates who are chartered members of CIPS with two years' work experience.

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

Candidates must have a good Bachelor's degree in any Geography and Development related discipline. Other Candidates with professional qualifications may be considered.

**31. MSc. Accounting and Finance**

Candidates must have a good Bachelor's degree from a recognised University in Accounting or Finance; OR a good Bachelor's degree with option in Accounting e.g. BSc Mathematics with Accounting; OR any other good Bachelor's degree with Part II qualification from recognised professional accounting bodies such as: ICAG, ACCA, CIMA, etc.

**32. MSc. Actuarial Science**

Candidates must have a good Bachelor's 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**

Candidates must have a good Bachelor's 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**

Candidates must have a good Bachelor's 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**

Candidates must have a good Bachelor's degree from a recognised University in Agribusiness Management, Business Administration, Agriculture and **relevant subject areas**.

### **36. MSc. Mechanical Engineering**

Candidates must have a good Bachelor's degree in Mechanical Engineering or an allied discipline from a recognised University.

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

Candidates must have a good Bachelor's degree from a recognised University in Computer Science, Information Technology, Computer Engineering, Telecommunication, Information Systems, Mathematics, Physics, Business Information Technology, Electrical Engineering and other related Science or Engineering background. Candidates with professional qualification and experience in the relevant area may be considered. Candidates in addition may be required to go through background security check with the relevant state agency.

### **38. MSc. Environmental Resource Management**

Candidates must have a good Bachelor's degree from a recognised University in Mineral Processing, Engineering, Material Science and Engineering, Architecture, Agriculture, Renewable Natural Resources and Physical Science.

### **39. MEng. Oil and Gas with Management (Mid and Downstream)**

Candidates must have a BSc. or B-Tech. degree in Chemical Process and other Engineering disciplines from a recognised University and a minimum of two years work experience.

### **40. MEng. Industrial Operations with Management**

Candidates must have a BSc. or B-Tech. in Engineering disciplines from a recognised university and a minimum of two years work experience.

### **41. MEng. Energy Systems Engineering with Management**

Candidates must have a BSc. or B-Tech. degree in Mechanical Engineering or Energy related Engineering disciplines from a recognised university and a minimum of two years work experience.

***NB:** The Master of Engineering (MEng.) programmes are **MODULAR** and the modules will be run during weekends. The programme will cover **two (2) academic years***

#### **PLEASE NOTE:**

1. **All Distance Learning Applicants must ensure that they select **DISTANCE LEARNING** admission group and not **Regular Postgraduate Ghanaian** when starting the online application.**
2. Only results and or documents provided by applicants at the time of submission of their applications shall be considered.
3. **Programmes would only be mounted at Centres with the requisite minimum number of qualified applicants** (please contact IDL Offices for details).
4. Facilitation will be a **blend of online and face-to-face sessions** on weekends (Saturdays and Sundays) at the Centres mentioned below.
5. For more information and in-depth knowledge about the programmes, visit <https://idl.knust.edu.gh/> or call 0247274661 or 0500482885 or 0501102650.

## **INSTITUTE OF DISTANCE LEARNING CENTRES**

- **KUMASI** – The Office of the Director, Institute of Distance Learning, Casely-Hayford Building, KNUST Campus; contact/WhatsApp 0204743271, 0245077483, 0509314350, 0279857058
- **ACCRA** – Old KNUST Guest House near ECOBANK Head Quarters; contact/WhatsApp Mr Michael Wiafe Yeboah 0500482875 or KNUST Accra City Campus, Kwabenya; contact/WhatsApp Mr Luke Ayamga 0546924824
- **TEMA** – ECG Training School (Community 10); contact/WhatsApp Mr Michael Wiafe Yeboah 0500482875
- **SUNYANI** – Catholic Pastoral, Social and Training Centre (New Dormaa); contact/WhatsApp Mr. Jesse Jones Bezzel 0500482877
- **HO** – Ho Technical University, Volta Region; contact/WhatsApp Mr Stephen Gbena 0500482873
- **TAKORADI** – Sekondi-Takoradi City Campus, Kansaworodo, contact/WhatsApp Miss Dora Osei Boateng 0500482883
- **KOFORIDUA** – Ghana Highway Authority; contact/WhatsApp Mr Isaac Agyapong 0500482874
- **TAMALE** – KNUST IDL Centre, Kapohini (near SSNIT Regional Headquarters); contact/WhatsApp Mr. Mukasa Zoogah 0500482880, 0208288666
- **BOLGATANGA** – Bolgatanga Senior High School (Big BOSS); contact/WhatsApp Mr. Mukasa Zoogah 0500482880, 0208288666
- **WA** – Wa Technical University; contact/WhatsApp Mr. Dominic Wanaa 0500482878