

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

**ADMISSION OF CANDIDATES TO RESEARCH OR HIGHER
DEGREE PROGRAMMES FOR 2020/2021 ACADEMIC YEAR**

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

GENERAL ADMISSION REQUIREMENTS

i. Masters Programmes

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

DURATION OF PROGRAMME

Unless otherwise stated,

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

MODE OF APPLICATION

Sale of **E-Vouchers/Forms** for admission shall commence on **10th February, 2020.**

- i. Candidates must purchase an eVoucher for **both Regular and Distance Learning programmes** by paying an application fee of **Two Hundred and Fifty Ghana Cedis (GH¢250.00)** at the following banks: **GCB, Consolidated Bank Ghana (CBG) or Ecobank.**
- ii. Upon payment of the application fee, candidates will receive an **eVoucher** containing an application number and **PIN** that will grant access to the online admissions portal.
- iii. Candidates should then proceed to online admissions website: <https://apps.knust.edu.gh/admissions/> and begin the application process.
- iv. Once the process has been completed, candidates **MUST PRINT OUT 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, Recommendation Letters, and Transcript for those attending KNUST for the first time) to the following address:

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

Deadline for submission of application forms is 30th June, 2020.
Application forms submitted after the deadline will not be processed.

Only candidates who successfully gain admission will be notified subsequently.

NB: All International Applicants must use this link <https://apps.knust.edu.gh/admissions/apply/Account/Register> to generate logins and apply online. International applicants who are admitted will be required to pay an application fee of **USD 200.00 before registration.**

A. COLLEGE OF AGRICULTURE AND NATURAL RESOURCES

FACULTY OF AGRICULTURE

1. Department of Animal Science

1. MPhil Animal Breeding and Genetics
2. MPhil Reproductive Physiology
3. MPhil Animal Nutrition
4. MPhil Meat Science

Admission Requirements

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

5. PhD Animal Breeding and Genetics
6. PhD Reproductive Physiology
7. PhD Animal Nutrition
8. PhD Meat Science

Admission Requirements

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

2. Department of Crop and Soil Sciences

Agronomy Programmes

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

6. PhD Agronomy
7. PhD Crop Physiology
8. PhD Forage Production and Management

Crop Protection Programmes

1. MPhil Crop Protection (Plant Pathology)
2. MPhil Crop Protection (Plant Virology)
3. MPhil Crop Protection (Entomology)
4. MPhil Crop Protection (Nematology)
5. PhD Plant Pathology
6. PhD Plant Entomology
7. PhD Nematology
8. PhD Plant Virology

Soil Science Programmes

1. MPhil Soil Science
2. PhD Soil Science

Plant Breeding Programmes

1. MPhil Plant Breeding
2. PhD Plant Breeding

Admission Requirements

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

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

3. Department of Horticulture

1. MPhil Postharvest Technology
2. MPhil Seed Science and Technology

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

Admission Requirements

MPhil - A good Bachelor's degree (First Class or Second Class (Upper Division) in Agriculture, Landscaping and Allied programmes with First Class or Second Class (Upper Division).

Candidates with Second Class (Lower Division) may be considered after an interview or must demonstrate considerable experience in research in the relevant field.

PhD - Candidates applying for Doctor of Philosophy degree must have a Master's degree or its equivalent in the relevant field of study, including Horticulture, Agronomy, Biological/ Environmental Science, Postharvest Technology, Food Science, Biochemistry or related disciplines from KNUST or any 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.

4. Department of Agricultural Economics, Agribusiness and Extension

a. Agribusiness Management Programmes:

- **MSc Agribusiness Management**

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

- **MPhil Agribusiness Management**

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

- **PhD Agribusiness Management**

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

- b. **Agricultural Extension and Development Communication Programmes:**

- **MSc Agricultural Extension and Development Communication**

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

- **MPhil Agricultural Extension and Development Communication**

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

- **PhD Agricultural Extension and Development Communication**

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

- c. **Agricultural Economics Programmes:**

- **MPhil Agricultural Economics**

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

- **PhD Agricultural Economics**

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

- d. **MPhil Sustainable and Integrated Rural Development In Africa**

Candidates must possess good first degree (minimum of Second Class Upper or equivalent qualification) in Sustainable and Rural Development, Natural Resources Management, Environmental Management, Agriculture, Planning, Land Economy, Law, Health, Business, Social and Natural Sciences from recognised institutions. Applicants must have a thorough proficiency in written and spoken English. Candidates must pass a selection interview to be conducted by the Department and demonstrate their ability to pay required fees.

FACULTY OF RENEWABLE NATURAL RESOURCES

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

- a. **MPhil Wildlife and Range Management**

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

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

c. PhD Wildlife and Range Management

The PhD applicant must hold a Master's Degree in Wildlife and Range Management, Forestry, Natural Resources Management and other related disciplines.

Candidates must also attend and pass an interview session with a panel from the Department before being granted admission.

2. Department of Silviculture and Forest Management

a. MPhil Natural Resources and Environmental Governance

Admission Requirements

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

b. MPhil Silviculture and Forest Management

Admission Requirements

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

c. PhD Silviculture and Forest Management

Admission Requirements

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

3. Department of Agroforestry

a. MPhil Agroforestry

Admission Requirements

The MPhil programme is open to holders of First Class or Second Class (Upper Division) degrees in Natural Resources Management, Agriculture or

Biological Sciences. Graduates in other disciplines with relevant field experience are also considered for admission. In addition, candidates will be required to attend and pass an interview before admission.

b. PhD Agroforestry

Admission Requirements

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

4. Department of Wood Science and Technology Management

1. MSc Packaging Technology and Management
2. MPhil Wood Science
3. MPhil Wood Technology
4. PhD Wood Science
5. PhD Wood Technology

a. MSc Admission Requirements

Good first degree in Science, Social Sciences, Art and Business

b. MPhil Admission Requirements

Good first degree in Science

c. PhD Admission Requirements

MSc/MPhil (Wood Science, Wood Technology or Wood Technology and Management)

5. Department of Fisheries and Watershed Management

1. MPhil Aquaculture and Environment
2. MPhil Fisheries Management
3. MPhil Watershed Management
4. PhD Aquaculture and Environment
5. PhD Fisheries Management

6. PhD Watershed Management

Admission Requirements

MPhil

Applicants should:

- i. Be highly motivated to work under difficult conditions
- ii. Have a degree in any of the following fields: fisheries sciences, natural resources management, environmental sciences, agricultural sciences, biological sciences, or any related discipline
- iii. Have a research proposal (not more than 5 pages)

PhD

Applicants should:

- i. Be highly motivated to work under difficult conditions
- ii. Have a postgraduate degree in a related discipline
- iii. Have a research proposal (not more than 5 pages)

B. COLLEGE OF ART AND BUILT ENVIRONMENT

1. Department of Architecture

a. 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**

b. MSc Architecture - One Year Top-up

c. MArch (Master of Architecture) - Two Years

d. PhD Architecture – Four Years

Admission Requirements

- **MPhil Architectural Studies (Two Years)**

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

- MSc Architecture (One Year)Top-up

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

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

- MArch (Master of Architecture) - Two Years

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

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

- PhD Architecture

This programme is open to MPhil, MArch, MSc Architecture, Master of Arts graduates and Postgraduate Diploma in Architecture holders following initial registration on an MPhil Architecture programme. Research in the

fields of Engineering, Sciences or Humanities with connection to Architecture is admissible, subject to approval by the Departmental Board.

Applicants must:

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

2. Department of Construction Technology and Management

a. MSc/MPhil Construction Management

- Applicants must hold a Bachelor's degree (with a minimum of Second Class (Lower Division)) in Building Technology, Post-graduate diploma (PGD) in Architecture, Construction Technology and Management, Quantity Surveying and Construction Economics and Civil Engineering.
- Applicants with Architecture background should have obtained a PGD or MSc in Architecture or qualification in Architecture which is registerable.
- Candidates must attend an interview session and pass the interview before admission
- Candidates must submit a sustainable proposal and workable programme that fit into the construction industry and is acceptable to the Department.
- Candidates will be admitted in the MSc Construction Management programme in the first year before being promoted to the second year after a satisfactory performance.

b. MSc/MPhil Procurement Management

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

- Candidates must submit a sustainable proposal and workable programme that fit into the construction industry and is acceptable to the Department.
- Candidates will be admitted in the MSc Procurement Management programme in the first year before being promoted to the second year after a satisfactory performance.

c. MSc/MPhil Project Management

- Applicants must hold a Bachelor's degree (with a minimum of Second Class (Lower Division)) in ANY field/discipline.
- Applicants must have a minimum of **two years** relevant industrial or research experience
- Candidates must attend an interview session and pass the interview before admission.
- Submit a researchable thesis proposal and workable programme which are acceptable to the Department.
- Candidates will be admitted in the MSc Project Management programme in the first year before being promoted to the second year after a satisfactory performance.

d. PhD Building Technology

- Candidates shall hold 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 an interview session and pass the interview before admission
- Candidates must submit a sustainable research proposal and workable programme.

e. **PhD Construction Management**

- Candidates shall hold 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 an interview session and pass the interview before admission
- Candidates must submit a sustainable research proposal and workable programme.

3. **Department of Planning**

1. **MSc/MPhil Development Planning and Management (Spring (Accra and Kumasi Centres - Weekend Programme))**

- a. All students admitted are initially enrolled in the **Master of Science Programme**. After twelve (12) calendar months, students who pass all the required courses will be awarded a Master of Science degree in Development Planning and Management. Those who obtain CWA of 70 or more at the end of the first year may progress as MPhil Development Planning and Management candidates for the second year. Such candidates would spend the academic year writing their theses and will be expected to complete the programme by the end of the second year.
- b. The MSc/MPhil Development Planning and Management (SPRING) is open to Planners, Managers, Administrators and other professionals. Applicants must have a bachelor's degree in the Second Class Division and above or its equivalent from recognised 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.

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

2. **MSc/MPhil Development Policy and Planning (Accra and Kumasi Centres - Weekend Programme)**

- a. All students admitted are initially enrolled in the **Master of Science Programme**. After twelve (12) calendar months, students who pass all the required courses will be awarded a Master of Science degree in Development Policy and Planning (DEPP). Those 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 academic year writing their theses and will be expected to complete the programme by the end of the second year.
- b. The MSc/MPhil programme is designed for a wide range of professionals working in areas of development policy and planning in sectoral ministries, budgeting offices, Metropolitan, Municipal and District Assemblies as well as the private sector. Applicants must have with a bachelor's degree in the Second Class Division and above or its equivalent in the following programmes from recognised institutions are encouraged to apply:

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

Civil Engineering, Business and Public Administration, and any other relevant programmes

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

3. MSc Transportation Planning (Accra and Kumasi Centres - Weekend Programme)

This 12-calendar month M.Sc. Transportation Planning programme, introduced in August 2018, is an inter-collegiate programme developed jointly by the Department of Planning (College of Art and Built Environment) and the Department of Civil Engineering (College of Engineering) with support from École Polytechnique Fédérale de Laussane (EPFL), Switzerland. The introduction of the programme forms part of the Ghana Urban Mobility and Accessibility Project (GUMAP) of the Ministry of Local Government and Rural Development (MLGRD) with sponsorship from the Swiss Economic Cooperation (SECO). As a result, the process of developing the programme included a series of consultations with several stakeholders, including the two KNUST colleges (College of Art and Built Environment and College of Engineering), MLGRD, EPFL and SECO. The programme 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 optimisation, simulation and modelling), traffic management, transport governance, operations research, road safety, environmental sustainability, logistics and gender issues in transportation.

Programme Objectives

Specifically, this programme will provide students with:

- i. Understanding of the principles that underpin transportation demand, land use and policy;
- ii. Knowledge and skills in the collection, processing and interpretation of transportation data for decision making;
- iii. Ability to apply knowledge in transportation simulation, modelling and supply management;
- iv. Knowledge in the selection and design of appropriate public transportation systems, logistics networks and optimisation;
- v. Knowledge in gender, governance, safety and sustainability issues in transportation planning and management; and
- vi. Skills needed to work in groups (work with other professionals) in the field of Transportation Planning.

Target

The programme targets young and mid-career professionals specialising or seeking to specialise 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 Organisations; Civil Engineering, Transportation Planning and Urban Planning Firms; and Academic and Research Institutions in Ghana and in Africa.

Admission Requirements

The following shall be admission requirements for prospective students:

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

arrangements will be made with the Department of Languages of the University to offer proficiency course in English prior to embarking on the programme.

- Relevant field experience will be an advantage.

4. MSc/MPhil Development Studies (Accra and Kumasi Centres - Weekend Programme)

5. MSc/MPhil Planning (Accra and Kumasi Centres - Weekend Programme)

- All applicants admitted are initially enrolled in the MSc Programmes. After twelve (12) calendar months, students who pass all the required courses will be awarded a Master of Science degree. Those who obtain CWA of 70 or more at the end of first year may progress as MPhil candidates for the second year. Such candidates would spend the academic year writing their theses and will be expected to complete the programme by the end of the second year.
- All applicants must pass selection interviews before gaining admission.
- Applicants for MSc/MPhil Development Studies must have obtained First Class or Second Class Undergraduate degree in the following academic backgrounds from reputable institutions:
Planning, Development Studies, Integrated Development Studies, Geography, Environmental Studies, Social Studies, Sociology, Land Economy, Agriculture, Renewable Natural Resources, Economics, Civil Engineering, Business and Public Administration, and other relevant programmes
- In addition, applicants must have written a thesis on contemporary planning issues at the undergraduate level. ***Applicants who did not write thesis at the undergraduate level and those who wrote group projects may only be admitted under special circumstances.***
- Applicants for the MSc /MPhil Planning must have obtained First Class Degrees or Second Class Undergraduate degree in

Development Planning, Settlement Planning or any other related *Planning* degree from reputable institutions. Those whose degrees are not in Planning should not apply to the MSc/MPhil Planning programme.

- Students enrolled in the MSc/MPhil programme are required to pay WEEKEND fees approved by the University.

6. PhD Development Studies (Full Time - 4 Years)

7. PhD Development Studies (Part Time - 5 Years)

8. PhD Planning (Full Time - 4 Years)

9. PhD Planning (Part Time - 5 Years)

- Applicants who did not write a thesis at the Master's level need not apply to any of the above listed PhD programmes.
- Applicants for PhD (Development Studies) must hold a good *Master of Philosophy* degree in related disciplines or a *relevant Master's* degree from recognised universities. A good master's degree in the following programmes is required for admission into the programme:
Planning, Development Studies, Integrated Development Studies, Geography, Environmental Studies, Social Studies, Sociology Land Economy, Agriculture, Renewable Natural Resources, Economics, Civil Engineering and any other relevant programmes
- Applicants for the PhD Planning programme must hold a good *Master of Philosophy* degree or a *relevant Master's* degree in ***Planning*** from recognised universities. Those whose degrees are not in Planning should not apply to the PhD Planning programme.
- Applicants with post-graduation experience in industry and proven research backgrounds in publications in reputable journals have added advantage.
- All applicants must pass through a competitive interview. *Applicants are encouraged to discuss their research proposals with a potential supervisor prior to submitting their applications. Applicants must copy the postgraduate director of such correspondence using the email address: planningpgsch@knust.edu.gh.* These research proposals must fall within ***the four (4) research clustered outlined below.***

i. Sustainable Transport and Future Urban Spaces Cluster

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

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

ii. Social and Economic Resilience Cluster

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

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

iii. Governance, Social Justice and Inequality Cluster

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

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

iv. Climate Transformation and Environmental Sustainability Cluster

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

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

- a. 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.
- b. Having passed all course work and with a CWA of 55 or above, all PhD students are required to take and pass a comprehensive examination administered by the Department.
- c. PhD Candidates shall attend weekly Research Seminars and meet certain benchmarks set by the Department.
- d. All *applicants who are currently working or those actively seeking for employment MUST NOT APPLY INTO THE FULL TIME PROGRAMME*. Such applicants MUST apply to the Part-Time programmes.

4. Centre for Settlements Studies & Department of Planning

MPhil Urban Management Studies

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

Programme Structure

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

Admission Requirements

An Applicant must hold a Bachelor's degree from any recognised university with a minimum of two years working experience from recognised institutions that are in urban related professions. The applicant will also be required to submit a research proposal and when shortlisted for admission would be invited for an interview. Candidates from the following

backgrounds are eligible to apply: Architecture, Public/Business Administration, Settlement/Development Planning, Civil Engineering, Construction Technology and Management/Quantity Surveying and Construction Economics, Geography, Economics population Studies, Land Economy/Real Estate, Social/Political Science, Sociology/Psychology, and Development Studies.

5. Department of Land Economy

1. MSc Land Governance and Policy

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

2. MSc Facilities Management

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

3. PhD Land Management

- Candidates must hold an MSc/MPhil in Land Management, Land Governance, Land Policy, Real Estate, LLM or a Master's degree in a relevant subject from a recognised University acceptable to the Departmental Board.
- Candidates must attend an interview session and pass the interview before admission.
- Candidates must submit a sustainable proposal and workable programme that fit into the land industry and acceptable to the Departmental Board.

FACULTY OF ART

1. Department of Educational Innovations in Science and Technology

a. MPhil Art Education

Options: Textile Design and Technology, Fashion Design Technology, Ceramic Design Technology, Metal Forming and Fabrication, Visual Communication, Painting, Sculpture, Creativity and Technology, Leather Design and Technology

Admission Requirements

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

b. MA African Art and Culture – One Year

c. MPhil African Art and Culture – Two Years

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

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

d. PhD Art Education

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

e. PhD African Art and Culture

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

f. MSc/MPhil Creative Art Therapy

The MSc/MPhil Creative Arts Therapy programme intends to train students in the use of psychological theories and the creative arts as a way to help reduce the stress associated with the different groupings of the populace; ie, children, adolescents, adults and geriatrics as well as people with special needs; to enhance their mental, social and physical health.

Duration: MSc – 12months; MPhil – 2 years

Admission Requirements

- i. An applicant shall hold a First Class Honours or Second Class Upper degree in the Visual Arts, Art Education, Education, Architecture, Social Sciences, Biological Sciences, Psychology or the Medical field from a recognised university.
- ii. Previous work experience in a clinical, rehabilitative or educational setting (i.e. teaching experience) is an advantage.
- iii. MPhil applicants must show strong research backgrounds. They must submit a research proposal of about 5000 words as part of their admission requirement and attend and pass a written or oral interview determined by the Departmental Board.

g. MPhil Art Education (Top-Up) (One Year)

Applicants:

1. Must possess an MA Art Education or a related Discipline from KNUST or a recognised institution;
2. Without the two-year MA Art Education from KNUST must pass a selection interview
3. Must present a detailed proposal of their intended research; and
4. Must submit an academic transcript for verification by the Departmental Board.

h. MPhil. African Art And Culture (Top-Up) (One Year)

Applicants:

1. Must have an MA African Art or a related Discipline from KNUST or a recognised institution;

2. Must present a detailed proposal of their intended research; and
3. Must provide an academic transcript for verification by the departmental board.

i. MPhil. Education (Top-Up) (One Year)

Applicants:

1. Must have an MEd or a related Education Discipline from KNUST or a recognised institution;
2. Must present a detailed proposal of their intended research; and
3. Must provide an academic transcript for verification by the departmental board.

2. Department of Painting and Sculpture

a. Master of Fine Art

- Painting
- Sculpture
- Painting and Sculpture

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

b. PhD Fine Art

- Painting
- Sculpture
- Painting and Sculpture

Applicants must possess 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 an interview conducted by the Department of Painting and Sculpture.

3. Department of Industrial Art

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

Admission Requirements

a. MFA Ceramics

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

b. MFA Jewellery and Metalsmithing

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

a. MFA Textiles Design

A candidate for admission to the MFA Textiles Programme must have obtained the BA. Industrial Art degree (Textiles Option) with First Class or Second Class Honours (Upper Division) or its equivalent.

b. MPhil/PhD Textile and Fashion Design Technology

- An applicant for admission to the MPhil Textile Design Technology or MPhil Fashion Design Technology must possess at least a Second Class Upper Division in BA, BSc, B-Tech in Textiles and Fashion or its equivalent from an accredited institution.
- Those seeking admission into the PhD Textile Design Technology or PhD Fashion Design Technology programme must possess a good two-year research-based masters' degree in Textile or Fashion Design (e.g. MFA/MPhil) or its equivalent from an accredited institution.

Admission into the MPhil/PhD programme will also be based on the assessment of applicant's portfolio, oral and written interview. Applicants must also submit a research proposal for consideration during the interview.

4. Department of Communication Design

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

b. Master of Philosophy (MPhil Comm. Design) Full Time ONLY

- Prospective students should have a good first degree (First Class or Second Class [Upper Division]) in one of the pathway areas in Communication design or design-related programme. For MCOMM, an applicant in addition, must have a minimum of two years professional working experience, and further demonstrate the appropriate intellectual, creative and personal qualities to pursue the programme. Candidates must be able to demonstrate, through the submission and review of a portfolio and through an interview, a level of knowledge and competence appropriate to the demands of the programme, and to demonstrate the potential to benefit from that study.
- For MPhil, a candidate will be required to submit a 2-page summary of proposal that he/she intends to work on and for which a competent supervisor is readily available. MComm students will be required to produce a good professional portfolio and attend an interview.
- Candidates would be selected on the basis of a body of work/proposal that will demonstrate an advanced understanding of the subject/area, sufficient knowledge and technical skill to realise intentions; evidence of commitment to the subject; research and intellectual curiosity, critical design-thinking; open-mindedness; the ability to collaborate, to engage in research and debate, and respond communicatively to criticism.

5. Department of Integrated Rural Art and Industry

a. MPhil Integrated Art (Full Time / Part Time)

1. Bamboo and Rattan Technology

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

Admission Requirements

- a. Applicants must have a first degree in Integrated Rural Art and Industry preferably a First Class or Second Class Honours (Upper Division) or a first degree in a closely related field.
- b. Applicants with Master of Integrated Art and Industry will be admitted to the Second Year of the Master of Philosophy Degree programme. Candidates with a Second Class (Lower Division) and considerable relevant professional experience may also apply.
- c. Applicants must be successful at an interview and assessment of portfolio in the areas of specialisation:
Fibres and Fabrics Technology, Leather Technology, Clay and Earthenware Technology, Woodworking Technology, Metals Fabrication Technology, Bamboo and Rattan Technology and Product Design Technology.
- d. Study in Product Design Technology is available to candidates with good first degree in relevant design based programmes, such as; Graphic Communication, Painting, Architecture, Computer Science and Engineering programmes.

F. COLLEGE OF ENGINEERING

1. Department of Civil Engineering

j. MSc / MPhil Geotechnical Engineering

- A minimum of Second Class (Upper Division) degree or its equivalent in Civil Engineering, Geological Engineering, or any field of specialisation relevant to the programme from a recognised University;

- Applicants with qualifications other than those specified in (a) above shall be interviewed by an admissions committee and, if necessary, may be required to take a written examination before admission;
- Applicants whose working language is not English must show that they have good command of both spoken and written English. Wherever necessary, arrangements will be made with the Department of English for the acquisition of the necessary English language skills prior to embarking on the course;

a. MSc / MPhil Road and Transportation Engineering

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

b. MSc / MPhil in Water Resources Engineering and Management

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

c. MSc / MPhil Water Supply and Environmental Sanitation

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

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

d. MSc / MPhil Structural Engineering

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

e. PhD in Water Resources Engineering and Management

- First or Second Class (Upper Division) in their first degree.
- Master's degree in Water Resources Engineering and Management, Agricultural Engineering (Soil and Water Engineering option), Civil Engineering (Water Resources/Hydrology option), Geomatic Engineering, Natural Resources, Mathematics, Geography, Chemical Engineering and other relevant disciplines, with an average of at least 60. Submit academic transcripts.
- Candidates from non-Anglophone countries must have an internationally recognised Certificate of Proficiency in the English Language (TOEFL or British Council, IELTS) with above average score.
- Candidates with some publications in a journal as first author have an advantage.
- Evidence of current and previous employments.

f. PhD in Water Supply and Treatment Technologies

- First or Second Class (Upper Division) in their first degree.
- Master's degree in Water and Sanitation, Environmental Engineering, Civil Engineering (Water Supply and Sanitation Option), Chemical

Engineering and other relevant disciplines, with an average of at least 60. Submit academic transcripts.

- Candidates from non-Anglophone countries must have an internationally recognised Certificate of Proficiency in the English Language (TOEFL or British Council, IELTS) with above average score.
- Candidates with some publications in a journal as first author have an advantage.
- Evidence of current and previous employments.

g. PhD in Environmental Sanitation and Waste Management

- First or Second Class (Upper Division) in their first degree.
- Master's degree in Water Resources Engineering and Management, Agricultural Engineering (Soil and Water Engineering option), Civil Engineering (Water Resources/Hydrology option), Geomatic Engineering, Natural Resources, Mathematics, Geography, and other relevant disciplines, with an average of at least 60. Submit academic transcripts.
- Candidates from non-Anglophone countries must have an internationally recognised Certificate of Proficiency in the English Language (TOEFL or British Council, IELTS) with above average score.
- Candidates with some publications in a journal as first author have an advantage.
- Evidence of current and previous employments.

i. PhD in Structural Engineering

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

- Evidence of current and previous employments.

j. PhD in Geotechnical Engineering

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

a. PhD in Highway and Transportation Engineering

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

b. PhD in Climate Change and Land Use

- Second Class (Upper Division) in their first degree.
- 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 an average of at least 60. Submit academic transcripts.

- Candidates from Francophone countries must have an internationally recognised Certificate of Proficiency in the English Language (TOEFL or British Council, IELTS) with above average score. *Otherwise they will undertake a four-month intensive English training and preparatory courses.*
- Evidence of current and previous employments.
- Experience with modelling and GIS would be an advantage but not a prerequisite.

2. Department of Geomatic Engineering

a. MSc/MPhil Geomatic Engineering

Applicants with a minimum of Second Class (Lower) Division degree or its equivalent from a recognised University in the relevant field of study.

b. MPhil Geographic Information System (GIS)

- An applicant must have a minimum of Second Class (Lower) Division degree or its equivalent from a recognised university in any of the following areas:
Engineering, Surveying, Architecture, Building Technology, Planning, Land Economy, Real Estate, Agriculture, Landscape Design & Management, Natural Resource Management, Forest Resource Technology, Computer Science, Environmental Science, Meteorology and Climate Science, Geography and Rural Development.
- All applicants will be required to attend a selection interview to determine their suitability and preparedness for the programme.

c. PhD Geomatic Engineering

- Applicants with MPhil degree or its equivalent from a recognised Institution and shall submit evidence of adequate training and ability to undertake the proposed programme.

Programme Structure

The MPhil GIS programme shall be of two (2) years duration. The first year will be two (2) semesters of taught courses and the second year will

be for supervised research and thesis report preparation. Classes will mainly be held on weekends.

3. Department of Electrical/Electronic Engineering

a. MPhil Power Systems Engineering

Persons (Ghanaian and Foreign) with BSc/BEng degree in Electrical and Electronic Engineering Discipline from a recognised University with a minimum average grade of Second Class (Lower Division) or equivalent are eligible to apply. Applicants with degrees from closely related discipline such as BSc/BEng in Electronics or Physics could also be considered.

b. PhD Electrical Engineering

MSc/MPhil degree in Electrical and Electronic Engineering from a recognised University. Applicants with degrees from closely related disciplines such as MSc/MEng/MPhil in Electronics or Physics could also be considered.

4. Department of Computer Engineering

a. MPhil Computer Engineering

b. PhD Computer Engineering

Admission Requirements

MPhil: A good first degree in Computer Engineering, Electrical & Electronic Engineering, Telecommunication Engineering or in any field of specialisation relevant to the programme from a recognised University. Candidates who do not hold First Class or Second Class (Upper Division) may be accepted subject to passing an interview.

PhD: Candidates shall hold a Master's degree (MPhil or MSc) or its equivalent in Computer Engineering, Electrical & Electronic Engineering, Telecommunication Engineering or any field of specialisation relevant to the programme from a recognised University.

- *Candidates who do not meet the requirements above may be accepted subject to passing an 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.*

- *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 KNUST.*

5. Department of Chemical Engineering

a. MPhil Chemical Engineering

- Applicants must possess a BSc Degree (First Class or Second Class (Upper Division)) in either Chemical Engineering or other engineering/science disciplines. Candidates with BSc Second Class (Lower Division) in Chemical Engineering and at least three years relevant experience will also be considered.

- All applicants are screened through an interview process. A synopsis of the research proposal

b. PhD Chemical Engineering

- Applicants must possess an MPhil degree from a recognised University. The first degree of the applicant should be First Class or Second Class (Upper Division) or its equivalent in Chemical Engineering.

- All applicants are screened through an interview process.

- An outline of research proposal (synopsis) and the statement of purpose should accompany the application.

- All applicants are required to pass an oral interview and demonstrate the ability to fund or prove the source of funds for the research.

7. Department of Agricultural and Biosystems Engineering

1. MPhil Agricultural Machinery Engineering

2. MPhil Agro-Environmental Engineering

3. MPhil Bioengineering

4. MPhil Food and Post-Harvest Engineering

5. MPhil Soil and Water Engineering

Admission Requirements

Candidates with:

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

6. MPhil Intellectual Property (MIP)

The Degree is jointly offered by the African Regional Intellectual Property Organisation (ARIPO), Kwame Nkrumah University of Science and Technology (KNUST), Kumasi and Intellectual Property Office of Ghana. The Programme adopts a comparative approach, with particular emphasis on Africa. Lectures are given by leading academics, intellectual property practitioners, intellectual property officers and other experts drawn from across Africa.

Admission Requirements

Eligible candidates are required to hold a minimum of a Bachelor's degree (Second Class Division) from a recognised university in any discipline and have a minimum of two years' work experience. Proof of English proficiency is required, therefore, students coming from countries where the official language is not English will need to submit evidence of proficiency in an appropriate internationally approved English examination e.g. IELTS, TOEFL AWARD. Upon satisfactory completion of the programme, participants will be awarded a Master's Degree in Intellectual Property (MIP) by KNUST on behalf of ARIPO.

Scholarships

With a view to contributing to the development of human resources in the field of Intellectual Property in Africa, ARIPO will provide 10 scholarships

for successful applicants. The scholarship shall cover the cost of a return air ticket, boarding and lodging at KNUST, tuition fees, registration fees and medical insurance.

7. PhD Agricultural Machinery Engineering

8. PhD Agro-Environmental Engineering

9. PhD Bioengineering

10. PhD Food and Post-Harvest Engineering

11. PhD Soil and Water Engineering

Admission Requirements

Candidates with MSc/MPhil degree in the relevant specialisation from a recognised university. Candidates may gain direct entry or undergo an interview prior to admission into the programme.

8. Department of Mechanical Engineering

a. MSc/MPhil Mechanical Engineering Programme

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

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

Admission Requirements

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

b. PhD Mechanical Engineering Programme

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

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

Admission Requirements

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

c. MSc RETs (Masters in Renewable Energy Technologies)

Admission Requirements

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

Mode of Tuition

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

9. Department of Geological Engineering

a. MSc Geophysical Engineering

- Either (i) a First Class or Second Class (Upper Division) BSc degree or its equivalent in Geological Engineering, Civil Engineering, Mining Engineering, Petroleum Engineering, Geophysics, Physics, Geology, Earth Science, Agricultural Engineering or any field of specialisation relevant to the programme from a recognised University or a Second Class (Lower Division), with at least, three (3) years of relevant experience.
- Applicants with degrees in other engineering/science disciplines (e.g. Agriculture Science, Mathematics, Electrical Engineering, etc.) may be required to take prerequisite courses to make up for deficiencies in undergraduate geological sciences.
- Non-English speaking applicants may be required to take lessons from the Department of English to acquire the necessary English proficiency prior to the start of the programme.

b. MPhil Geological Engineering

- First Class or Second Class (Upper Division) BSc degree or its equivalent in Geological Engineering, Geology or any earth science related field from a recognised University or

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

c. PhD Geological Engineering

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

D. COLLEGE OF HEALTH SCIENCES

FACULTY OF PHARMACY AND PHARMACEUTICAL SCIENCES

1. Department of Pharmaceutics

a. MSc Pharmaceutical Technology

Admission Requirements

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

b. MPhil Pharmaceutics

Admission Requirements

- At the time of application, applicants should have:
 - A good first degree or equivalent degree in Pharmacy (BPharm/PharmD), Chemistry, Biochemistry, Chemical Engineering, Herbal Medicine and other related disciplines from a

recognised institution with a minimum of Second Class (Lower Division).

- Adequate level of English proficiency, if candidate is from a non-English speaking country.
- ii. Interviews will be conducted for short-listed applicants to select those who best qualify for the programme.

c. MPhil Pharmaceutical Microbiology

Admission Requirements

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

d. PhD Pharmaceutics

Admission Requirements

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

e. PhD Pharmaceutical Microbiology

Admission Requirements

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

2. Department of Pharmacognosy

a. MPhil Pharmacognosy

b. PhD Pharmacognosy

Areas of Specialisation:

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

Admission Requirements

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

3. Department of Pharmaceutical Chemistry

a. MPhil Pharmaceutical Chemistry

b. PhD Pharmaceutical Chemistry

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

Admission Requirements

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

4. Department of Pharmacy Practice

Admission Requirements

a. MSc Clinical Pharmacy (Part-Time)

Bachelor's degree in Pharmacy from a recognised Institution

b. MPhil Clinical Pharmacy (Full-Time)

Bachelor's degree in Pharmacy from a recognised Institution

c. PhD Clinical Pharmacy

An MSc/MPhil in Clinical Pharmacy from a recognised Institution

d. PhD Social Pharmacy

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

5. Department of Pharmacology

a. MPhil Pharmacology

b. MPhil Clinical Pharmacology

c. PhD Pharmacology

d. PhD Clinical Pharmacology

Admission Requirements

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

6. Department of Nursing

a. MPhil Nursing

b. MSc Clinical Nursing

Admission Requirements

Applicants must:

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

7. Department of Medical Diagnostics

MPhil Haematology

Admission Requirements

- Applicants must possess a First or Second Class (Upper Division) degrees in Medical Laboratory Technology, Medical Laboratory Science or Biomedical Laboratory Science and MB.Ch.B or similar qualifications from a recognised university.

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

SCHOOL OF MEDICAL SCIENCES

1. Department of Molecular Medicine

Admission Requirements

a. MPhil Chemical Pathology

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

b. MPhil Molecular Medicine

Applicants are required to have:

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

c. MPhil Immunology

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

d. PhD Chemical Pathology

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

e. PhD Molecular Medicine

Holder of MPhil Molecular Medicine, MSc Chemical Pathology, MPhil Chemical Pathology, MPhil Immunology, MSc Cell Biology with relevant field experience.

f. PhD Immunology

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

2. Department of Clinical Microbiology

a. MPhil/PhD Clinical Microbiology

Admission Requirements

MPhil

- BSc in Life Sciences with a minimum of a Second degree in Medical Laboratory Technology, Biomedical Sciences, Biology or Biochemistry with a flair in Medical Laboratory Work

PhD

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

3. Department of Anatomy and Cell Biology

a. MPhil Human Anatomy and Cell Biology Programme

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

b. MPhil Human Anatomy and Forensic Science Programme

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

c. MPhil Human Anatomy and Cell Biology Programme (Morphological Diagnostics Option)

At the time of application, applicants should possess a First Class or Second Class (Upper Division) in Biological Sciences, Anatomy and Cell Biology,

Biomedical Science, Medical Laboratory Technology, MB.Ch.B/BDS or its equivalent from a recognised Institution.

d. MPhil Mortuary Science and Management

First Class or Second Class (Upper Division) degree in Biological Sciences, Biomedical Science, Anatomy and Cell Biology, Medical Laboratory Technology, Nursing, Herbal Medicine, Biochemistry, Allied Health Sciences, Chemistry or related disciplines from a recognised University.

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

e. PhD Human Anatomy and Cell Biology Programme

A good degree in MSc/MPhil/MMedSc in Human Anatomy and Cell Biology/Forensic Science, Biological Sciences, Biomedical Science, Medical Laboratory Technology from a recognised University. Candidates should have a flair for laboratory work or research. Prospective candidates should also show a proof of their source of funding and be successful at a pre-admission interview.

f. PhD Human Anatomy and Forensic Science Programme

A good degree in MSc/MPhil/MMedSc in Human Anatomy and Cell Biology/Forensic Science, Biological Sciences, Biomedical Science, Medical Laboratory Technology from a recognised University. Candidates should have a flair for laboratory work or research. Prospective candidates should also show a proof of their source of funding and be successful at a pre-admission interview.

4. Department of Physiology

a. MPhil Physiology

b. MPhil Reproductive Physiology

c. MPhil Human Physiology

Admission Requirements

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

SCHOOL OF PUBLIC HEALTH

1. Department of Health Education, Promotion and Disability Studies

- a. MSc Disability, Rehabilitation and Development (Two years duration)
- b. MSc Health Education and Promotion (One year duration)
- c. MPH Health Education and Promotion (One year duration)

2. Department of Population, Family and Reproductive Health

- a. MSc Population and Reproductive Health (One year duration)
- b. MPH Population and Reproductive Health (One year duration)

3. Department of Occupational and Environmental Health and Safety

- a. MSc Occupational and Environmental Health & Safety (One year duration)
- b. MPH Occupational and Environmental Health & Safety (One year duration)

4. Department of Health Policy, Management and Economics

- a. MSc Health Services Planning and Management (One year duration)
- b. MPH Health Services Planning and Management (One year duration)
- c. MPhil Health Systems Research and Management (Two years duration)

5. Department of Epidemiology and Biostatistics

- a. MPhil Field Epidemiology and Applied Biostatistics (Two years duration)

Admission Requirements

- To qualify to pursue the MSc/MPH/MPhil programme, the applicant should have a good first degree (at least 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.

In addition, applicants should have had at **least two years post-graduation** work experience.

6. PhD Public Health

Admission Requirements

- To qualify to pursue the PhD Public Health programme, an applicant shall hold 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.

C. COLLEGE OF HUMANITIES AND SOCIAL SCIENCES

FACULTY OF LAW

Master of Laws (LLM)

Admission Requirements

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

Applicants who do not satisfy the requirement stated above but hold LLB degree with Second Class (Lower Division) from a recognised university and have impressive recommendation may be admitted to the programme upon successful entrance examination and/or an interview.

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

FACULTY OF SOCIAL SCIENCES

1. Department of Economics

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

The options are:

1. MSc Economics
2. MSc Economics (Money, Banking and Finance)

3. MSc Economics (Energy and Resource Economics)
4. MSc Economics (Health Economics)

Admission Requirements

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

b. MPhil Economics

Admission Requirements

A good first degree in Economics (at least) Second Class (Upper Division) is required. Candidates must have done Econometrics, Advanced Economic Theory and Mathematics for Economists at the undergraduate level in a recognised tertiary institution. Admission is subject to passing an interview.

c. PhD Economics

A good first degree in Economics, Second Class (Upper Division) plus an MPhil (with an average grade not less than a B or equivalent) in Economics or related field with sufficient background in Microeconomics, Macroeconomics and Econometrics from a recognised tertiary institution. A good background in econometrics, statistics and mathematics will be an added advantage. Admission is subject to passing an interview.

2. Department of Languages and Communication Sciences

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

7. PhD French (Applied Linguistics)
8. PhD French (Translation and Interpreting)
9. PhD Teaching of French as a Foreign Language
10. PhD French for Specific Purposes

MPhil

Admission Requirements

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

PhD

Admission Requirements

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

3. Department of English

a. MPhil in English

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

4. Department of Geography and Rural Development

a. MSc Geography and Sustainable Development

Admission Requirements

This One-year Master's Degree Programme is primarily designed for professionals who have a Degree in other disciplines and want to obtain interdisciplinary knowledge in Geography and Sustainable Development as well to develop career in the field. The pre-requisite for admission is:

- A Good Bachelor's Degree in Geography, Development Studies, Natural Sciences, or other Geography-related disciplines, with a

minimum of 2nd Class Lower Division (or better), from a recognised University is required.

- Candidates shall be considered at a selection interview

b. MPhil Geography and Rural Development

Admission Requirements

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

c. PhD Geography and Rural Development

Admission Requirements

Master's degree with good research background in Geography, Development Studies, Environmental Studies or other Geography related disciplines. Candidates shall be considered at a selection interview. Submission and Presentation of thesis proposal is a requirement.

5. Department of Religious Studies

a. MA Religious Studies (One Year)

Candidates must have obtained a good first degree (Second Class (Lower Division) or better) in either Religious Studies or Theology from a recognised University or accredited Theological Seminary/Institution.

Applicants with a good first degree in any discipline other than Religious Studies of Theology, may apply for the MA programme.

b. MPhil Religious Studies

Candidates must have obtained a good first degree (Second Class Upper Division or better) in either Religious Studies or Theology from a recognised University or accredited Theological Seminary/Institution.

For the MA and MPhil programmes candidates with Social Sciences or Humanities background must in addition have a Diploma in Theology/Religious Studies from a recognised/accredited Institution or Seminary.

**c. PhD Religious Studies
Admission Requirements**

- a. An applicant must have a second degree in Religious Studies or Theology with extensive research from recognised University or Theological Seminary/Institution
- b. An applicant with a one year Master's degree in Religious/Theology Studies will be made to take the first year courses in the MPhil in 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 all programmes is subject to passing an entrance examination and interview.

6. Department of Sociology and Social Work

i. MA/MPhil in Sociology

Admission Requirements

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

ii. MA/MPhil in Social Work

Admission Requirements:

1. A good first degree with at least a Second Class (Lower Division) in Social Work,
2. A good first degree with at least a Second Class (Lower Division) in any Social Sciences Degree with at least one-year social development experience, or

- Any relevant first degree, with at least a Second Class (Lower Division), from an accredited University with at least two years social development experience.

iii. PhD Sociology

Admission Requirements:

- Applicants must have MPhil in Sociology
- Other applicants with second degree in relevant field other than Sociology and who have a strong research background may be admitted. Such applicants would take the first year courses in MPhil Sociology programme and must attain a CWA of 55 or above before pursuing the PhD programme.

In addition, all applicants will be interviewed.

7. Department of History and Political Studies

a. Master of Public Administration in Political Science

Admission Requirements:

Applicants must have a Bachelor of Arts or Science degree with Second Class (Lower Division) or better. All disciplinary backgrounds will be considered. International applicants must, in general, meet the requirements above and also demonstrate proficiency in English as the medium of classroom instruction. All applications must include transcripts of all post-secondary level education received as well as three letters of recommendation from individuals in professional capacities who are familiar with the applicant's potential for graduate study. The final requirement for admission is an entry examination and a departmental interview to determine applicants' likelihood of academic success.

b. Master of Philosophy in Historical Studies

Admission Requirements

Applicants must have a Bachelor of Arts or Science degree with Second Class (Upper Division) or better in History, Economics, Political Science,

Law or Sociology. Other disciplinary backgrounds will be considered. Holders of Second Class (Lower Division) in history may be considered if they have at least two years' work experience in a professional supervisory position. International applicants must, in general, meet the requirements above and also demonstrate proficiency in English as the medium of classroom instruction. All applications must include transcripts of all post-secondary level education received as well as three letters of recommendation from individuals in professional capacities who are familiar with the applicant's potential for graduate study. The final requirement for admission is an entry examination and a departmental interview to determine applicants' likelihood of academic success.

c. Master of Philosophy in Political Science

Admission Requirements:

Applicants must have a Bachelor of Arts or Science degree with Second Class (Upper Division) or better in Political Science, Political Studies, History, Law or Sociology. Other disciplinary backgrounds will be considered. Holders of Second Class (Lower Division) may be considered if they have at least two years' work experience in a professional supervisory position. International applicants must, in general, meet the requirements above and also demonstrate proficiency in English as the medium of classroom instruction. All applications must include transcripts of all post-secondary level education received as well as three letters of recommendation from individuals in professional capacities who are familiar with the applicant's potential for graduate study. The final requirement for admission is an entry examination and a departmental interview to determine applicants' likelihood of academic success.

d. MA Asante History

Admission Requirements:

- i. Applicants shall possess a good first degree (at least 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.

- ii. Applicants with second class (Lower Division) may be considered, provided they show evidence of a minimum of two years working experience.
- iii. The MA in Asante History will run for One Year on full study basis and part-time enrolment will be offered for Two Years.

e. Doctor of Philosophy in Historical Studies (PhD)

Admission Requirements:

Applicants for the PhD Historical Studies degree are expected to have completed a postgraduate master's thesis (MA, MSc, MRes or MPhil in History). Other disciplinary backgrounds 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, copies of transcripts of all postsecondary level education received as well as three letters of recommendation from individuals in professional capacities who are familiar with the applicant's potential for graduate study. The final requirement for admission is a Departmental Board interview to determine applicants' likelihood of academic success.

KNUST SCHOOL OF BUSINESS (KSB)

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

All areas of specialisation

1. *Accounting*
2. *Finance*
3. *Marketing*
4. *Strategic Management and Consulting*
5. *Human Resource Management*

6. *Management and Organisational Development*
7. *Logistics and Supply Chain Management*
8. *Management Information Systems (MIS)*

Admission Requirements

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

b. Master of Science (MSc)

1. *MSc Marketing*
2. *MSc Logistics and Supply Chain Management*
3. *MSc Management and Human Resource Strategy*
4. *MSc Accounting and Finance*
5. *MSc Finance*
6. *MSc Procurement and Supply Chain Management*
7. *MSc. Business and Data Analytics*

Admission Requirements

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

8. *MSc in Corporate Governance and Strategic Leadership Programme (Accra and Kumasi)*
9. *MSc in Aviation Management (Accra and Kumasi)*

Admission Requirements

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

c. Master of Philosophy (MPhil) in Business and Management

- All areas of specialisation

Admission Requirements

- Candidates shall hold Master's degree (MSc in relevant Business Administration subject area or MBA) 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.
- Applicants without Master's degree qualification in relevant Business Administration subject areas but possess a good first 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 that the Evening and Weekend programmes are NOT Distance Learning programmes.

10. Centre for Cultural and African Studies (CeCAST)

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

Target Group

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

Duration and Admission Requirements

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

E. COLLEGE OF SCIENCE

1. Department of Biochemistry and Biotechnology

- a) **MSc Human Nutrition**
- b) **MPhil Human Nutrition and Dietetics**

Admission Requirements

- A good first degree, at least Second Class (Lower Division) or equivalent in Nursing, Biological Sciences, Biochemistry, Food Science, Nutrition, Medicine, Dietetics, Home Economics and related fields.
- Candidates will be expected to pass an interview

c) PhD Human Nutrition and Dietetics:

- A good first degree, at least Second Class (Upper Division) or equivalent in Nutrition and/or Dietetics, Biochemistry, Food Science, Biological Sciences, Medicine, Nursing, Home Economics and related fields and a masters' degree in Nutrition and/or Dietetics, Biochemistry, Food Science, Biological Sciences, Nursing, Home Economics and related fields.
- Students whose Masters degrees are not in Nutrition or Dietetics would be required to complete the first year taught courses of the MPhil programme before continuing with the PhD programme.

d) MPhil Biochemistry

e) PhD Biochemistry

- The candidate must have a minimum of Second Class (Upper Division) degree in Biochemistry and other life sciences or Chemistry on condition that the candidate will audit basic biology/biochemistry courses. In rare cases where the background is lacking, the student must enroll in undergraduate classes first in order to make up the deficiencies. Applicants for PhD Biochemistry must possess an MPhil in Biochemistry or related life sciences.
- All applicants must pass an entry admissions interview.

f) MSc Biotechnology

g) MPhil Biotechnology

h) PhD Biotechnology

- Applicants with a minimum of Second Class (Lower Division) in the field of biochemistry, biological sciences, agricultural sciences, pharmacy, biomedical sciences, biological or chemical engineering, and related fields from a recognised University may apply. Applicants for PhD Biotechnology must possess an MPhil in Biochemistry, Biotechnology or related fields.
- In addition to the general qualifications, candidates must pass an interview.

i) MSc/MPhil Biodata Analytics and Computational Genomics

- Applicants must have obtained Bachelor of Science honours Degree from a reputable and accredited University or Institution of Higher Learning.
- Applicants with Bachelor's Degree in the Sciences, such as Biotechnology, Molecular Biology, Biochemistry, Biological Sciences, Medicine, Pharmacy, Computer Science, Engineering, Statistics and Mathematics may apply.
- Applicants with a minimum of Second Class (Upper Division) degree shall be given priority during the recruitment process.
- Applicants must attend and pass an interview that will be conducted by an admission committee set up by NIMS Ghana and the Department of Biochemistry and Biotechnology, KNUST.

j) PhD Biodata Analytics and Computational Genomics

Admission Requirements

- Applicants must have obtained MPhil/MSc Degree from a reputable and accredited University or Institution of Higher Learning.
- Applicants with MPhil/MSc Degree in the Sciences, such as Biotechnology, Molecular Biology, Biochemistry, Biological Sciences, Medicine, Pharmacy, Computer Science, Engineering, Statistics and Mathematics may apply.
- Candidates in MPhil Biodata Analytics and Computational Genomics programme may apply for PhD after passing a Comprehensive

Examination.

- Applicants must attend and pass an interview that will be conducted by an admission committee set up by NIMS Ghana and the Department of Biochemistry and Biotechnology, KNUST.

k) MSc/MPhil Forensic Science

The programme is for science degree graduates who want to acquire knowledge and skills that can earn them an MSc degree in Forensic Science. It provides a balance of science and law that will enable them practice as Forensic Scientists.

Admission Requirements

- A good first degree (at least Second Class (Upper Division) in areas relevant to Forensic Science including Physics, Chemistry, Biochemistry, Biology, Molecular Biology, Pharmacy and Human Biology
- Two letters of recommendation from individuals who can attest to the candidate's character, scientific ability or work experience
- Pass interview selection process, aimed at ascertaining the candidate's background, qualifications, experience and interest.
- A two years' work experience in area relevant to forensics (e.g.) police, military, immigration, prisons, NACOB etc.

2. Department of Food Science and Technology

a. MSc Food Science and Technology

- Candidates for admission shall be required to have a BSc (Hons) degree in Food Science, Nutrition, Biochemistry, Biology, Chemistry, Agricultural Science, Agricultural Engineering, Chemical Engineering and Natural Resources Management, and all other BSc equivalent courses.
- Higher-level professional qualifications or advanced degree and relevant work experience in food related establishments could be

considered where applicants have not reached the standard entry requirements.

b. MPhil Food Science and Technology:

Prospective candidates in the following disciplines are eligible to apply: BSc Food Science and Technology, BSc Food Science and Nutrition, BSc Biochemistry, BSc Biology, BSc Agric., BSc Chemistry, BSc Agricultural Engineering, BSc Chemical Engineering and all other BSc equivalent courses. Some candidates may audit some courses in BSc Food Science and Technology alongside the Post graduate courses.

c. PhD Food Science and Technology

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

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

3. Department of Environmental Science

a. MPhil Environmental Science

Admission Requirements

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

4. Department of Theoretical and Applied Biology

a. MPhil / PhD in:

1. Parasitology
2. Ecology
3. Entomology
4. Plant/Animal Physiology
5. Microbiology

6. Plant Pathology
7. Reproductive Biology
8. Plant/Animal Systematics
9. Molecular Biology
10. Fish and Fisheries Science

MPhil

At the time of application, applicants should possess a Bachelor's Degree or its equivalent from a recognised institution in the relevant field of study. Preference will be given to applicants with a First Class or Second Class (Upper/Lower) Division degrees.

PhD

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

4. Department of Chemistry

1. MPhil Chemistry

Admission Requirements

Graduates with first degrees in Chemistry, Chemical Engineering, Materials Science/Engineering and related science disciplines with at least Second Class (Lower Division) can be admitted into the programme.

2. MPhil Polymer Science and Technology

Admission Requirements

Graduates with first degrees in Chemistry, Physics, Chemical Engineering, Materials Science/Engineering and related science disciplines with at least second class (lower division) can be admitted into the programme.

3. PhD Chemistry

Admission Requirements

Graduates with MPhil/MSc degree or its equivalent in Chemistry, Physics, Chemical Engineering, Materials Science/Engineering and related science disciplines can be admitted into the programme.

5. Department of Physics

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

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

Admission Requirements

A Second Class (Lower Division) degree or better in any of the following disciplines: Physics or Engineering Physics, Geology, Any of the Engineering disciplines, Mathematics or Mathematics with Statistics

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

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

Admission Requirements

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

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

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

Admission Requirements

MPhil

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

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

PhD

MSc/MPhil in any of the following disciplines:

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

d. **MPhil/PhD in Solid State Physics** in the following areas of research:

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

Admission Requirements

MPhil

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

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

PhD

MSc/MPhil in any of the following disciplines:

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

e. **MPhil/PhD Meteorology and Climate Science** in the following areas of research:

- Meteorological Field Observation and validation Studies
- Boundary Layer/Micrometeorology

- Atmospheric Dynamical Processes
- Seasonal and Nowcasting Weather Prediction
- Climate Change Studies
- Climate Modelling and Projection
- Remote Sensing of the Atmosphere
- Precipitation Processes
- Impacts of Climate Variability and Change

Admission Requirements

MPhil

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

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

PhD

MSc/MPhil in any of the following disciplines:

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

f. MPhil/PhD Environmental Physics in the following areas of research:

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

Admission Requirements

MPhil

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

Physics, Mathematics, Meteorology and Climate Science Chemistry

PhD

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

g. MPhil Nano Science and Technology in the following areas of research:

- Core-Shell Nanoparticles
- Graphene

Admission Requirements

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

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

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

Admission Requirements

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

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

6. Department of Mathematics

- MPhil Pure Mathematics
- MPhil Applied Mathematics
- PhD Pure Mathematics
- PhD Applied Mathematics

MPhil

Admission Requirements

A prospective candidate must have a good first degree in Mathematics/Statistics/Actuarial Sciences with a minimum of Second Class Honours (Lower Division). The Mathematics/Statistics programme should (depending on the degree sought) have adequately covered Analysis, Algebra, Topology, Differential Equations, Numerical Analysis, Stochastic Processes and Scientific Computing. Qualified candidates will have oral and written interview after which selected candidates would be recommended. Applicants with equivalent first degrees or with degrees from other

mathematical intensive Science and Engineering disciplines may be considered.

PhD

Admission Requirements

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

7. Department of Statistics and Actuarial Science

- i. PhD Actuarial Science
- ii. PhD Mathematical Statistics

PhD

Admission Requirements

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

8. Department of Computer Science

a. MSc Cyber-Security and Digital Forensics

Admission Requirements

At the time of application, applicants should possess a Bachelor's Degree in Computer Science, Information Technology, Computer or Telecommunication Engineering, or equivalent qualification in a Science or Engineering related discipline from a recognised institution. **Preference will be given to applicants with a First Class or Second Class Division.**

b. MSc Computer Science

c. MPhil Computer Science

Admission Requirements

At the time of application, applicants should possess a Bachelor's Degree in Computer Science from a recognised institution. **For MPhil, Preference will be given to applicants with a First Class or Second Class Division.**

d. MSc Information Technology

e. MPhil Information Technology

Admission Requirements

At the time of application, applicants should possess a Bachelor's Degree in Information Technology, Computer or Telecommunication Engineering, Mathematics or equivalent qualification from a recognised institution. **For MPhil, Preference will be given to applicants with a First Class or Second Class Division.**

f. MSc Health Informatics

Admission Requirements

At the time of application, applicants should possess a Bachelor's Degree in Health Informatics, Nursing or any Science related discipline or equivalent qualification from a recognised institution.

g. PhD Computer Science

Admission Requirements

Candidates must have an MPhil degree or its equivalent in Computer Science from a recognised institution and shall submit evidence of adequate training and ability to undertake research in the proposed programme.

a. PhD Information Technology

Admission Requirements

Candidates must have an MPhil degree or its equivalent in Information Technology, Computer or Telecommunication Engineering or equivalent qualification from a recognised institution and shall submit evidence of adequate training and ability to undertake research in the proposed programme.

9. Department of Optometry and Visual Science

a. MPhil Vision Science

- Applicants with a minimum of Second Class (Lower Division) degree from a recognised University in BSc Vision Science, Doctor of Optometry, Postgraduate Diploma in Optometry, Postgraduate Diploma in Ophthalmology, BSc Biology, BSc Human Biology, BSc Biochemistry, Bachelor of Pharmacy, Doctor of Pharmacy, BSc Physics.
- In addition, candidates must pass an interview

b. PhD Vision Science

- Applicants with a minimum of MSc or MPhil in Optometry/Vision Science, Neuroscience, Pharmaceutical Sciences, Psychology, Molecular Biology, Mathematics, Physics, Human Biology/Medicine, Ophthalmology, Biological Sciences, Biomedical Sciences, Microbiology, Chemistry, Computer Engineering/Science.
- In addition, candidates must pass an interview

INSTITUTE OF DISTANCE LEARNING (IDL) POSTGRADUATE PROGRAMMES

All MSc programmes are of One (1) Academic Year duration

1. Commonwealth Executive Master of Business Administration (CEMBA) with the following options
 - i. Finance
 - ii. Accounting
 - iii. Marketing
 - iv. Human Resource Management
 - v. Logistics and Supply chain Management
2. MBA International Business
3. MPhil Post-Harvest Technology
4. MPhil/MSc Forensic Science
5. MPhil/MSc Planning, Monitoring and Evaluation
6. MPhil/MSc Industrial Finance and Investment

7. MPhil/MSc Logistics and Supply Chain Management
8. MPhil/MSc Business Consulting and Enterprise Risk Management
9. MPhil/MSc Educational Innovation and Leadership Science
10. MPhil/MSc Actuarial Science
11. MSc Applied Statistics
12. MSc Geography and Sustainable Development
13. MSc Procurement and Supply Chain Management
14. MSc Accounting and Finance
15. MSc Economics (**ACCRA CENTRE ONLY**)
16. MSc Health Informatics
17. MSc Information Technology
18. MSc Project Management
19. MSc Human Nutrition and Dietetics
20. MSc Food Quality Management
21. MSc Development Management
22. MSc Environmental Science
23. Master of Public Administration (MPA)
24. Master of Education Degree (MEd)
25. MSc Security and Justice Administration
26. MSc Energy and Sustainable Management
27. MSc Tourism and Hospitality Management
28. MSc Strategic Management and Leadership
29. MSc Corporate Governance and Strategic Leadership
30. MSc Insurance and Business Continuity
31. MSc Agribusiness Management
32. MSc Mechanical Engineering
33. MSc Development Finance
34. MSc Biotechnology
35. MSc Cyber Security and Digital Forensics
36. MSc Management and Human Resource Strategy
37. MSc Environmental Resource Management
38. MSc Marketing
39. MPhil/MSc Forensic Science
40. Professional Master of Engineering With Management (MEng) With

Options In:

- i. Oil and Gas (Mid and Downstream)
- ii. Industrial Operations

- iii. Energy Systems Engineering

ADMISSION REQUIREMENTS

1. Commonwealth Executive of Master of Business Administration

The CEMBA programme is designed by Commonwealth of Learning (CoL) to help practicing professionals, managers and public officers to gain a higher level of competency in their respective functions, and expand their perspective to encompass a more international outlook. The programme is offered on weekends with a learner-oriented system; allowing greater flexibility in learning, while students continue with their regular work. At the heart of the programme is the excellent learning materials licensed from some of the top universities across the Commonwealth.

Entry Requirements:

- i. Applicants must hold a good bachelor's degree from a recognised University; or
- ii. A professional qualification (chartered level) eg. ACCA, CA, ICA, ICM, with a minimum of two (2) years' relevant work experience.

2. MBA International Business

Individuals planning a career in business must understand the intricacies of doing business with partners from other countries. Culture, language, political systems, geography, and socio-economic factors all influence a person's business practices. One needs broad knowledge on the culture and business practices of different backgrounds to be successful in the global marketplace. International business prepares one for diverse knowledge of counterparts from other cultures for competitive advantage purposes.

Entry Requirements: Applicants must hold a good Bachelor's degree from a recognised University or institution of higher learning; with at least 2 years work experience.

3. MPhil. Post-Harvest Technology (Horticulture)

The programme aims at equipping participants with up-to-date practises and methods of handling, processing and storage of agricultural produce as well as structures and equipment employed in the handling, processing and storage of such produce.

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

4. MPhil/MSc Planning, Monitoring and Evaluation

There is growing demand on technocrats who handle development programmes and projects to come up with better ways of: steering the processes involved in the planning, implementation and management of development interventions; identifying and addressing problems that crop up before, during and after implementation of such interventions; assessing the outcomes and impacts of programmes and projects; and providing useful and timely information for policy makers. These trends have culminated in a steady shift towards specialisation and the emergence of new fields of training to tackle various aspects of development interventions, including project management, monitoring and evaluation, procurement management, risk management, among others. In recent times, the government, development partners and development-oriented Non-Governmental Organisations (NGOs) are increasingly putting emphasis on Monitoring and Evaluation (M&E) as part of their quest for efficiency in the formulation, implementation and management of their policies, programmes and projects. Consequently, it becomes necessary for this Programme to cater for this development gap.

Entry Requirements:

- i. A good bachelor's degree **in any discipline** from a recognised University, plus a minimum of one year working experience (including national service);
- ii. MPhil Applicants are required to submit a research proposal on an appropriate topic that is relevant to the programme.

5. MPhil/MSc. Industrial Finance and Investment

The MSc Industrial Finance and Investment (MIFI) programme is developed with the broader aim of producing new generation of Financial Managers and Investment Analysts; and promoting techniques of achieving financial and investment systems efficiency. The course content provides a sound, broadly-based education covering the advanced principles in finance, financial markets and institutions, treasury and investments. By working closely with industry to understand their needs, the programme is designed to produce graduates with the knowledge and skills that businesses tell us they require.

Entry Requirements:

- i. Applicants must hold a good bachelor's degree from a recognised University in the following disciplines: Accounting, Commerce, Business Administration, Banking and Finance, Mathematics, Statistics, Economics, Actuarial Science, Engineering, Physics, Computer Science and related disciplines.

OR

- ii. A final Professional Certificate (i.e. Chartered Level) from ACCA, ICAG, CFA and CIMA plus a minimum of 2 years working experience.

6. MPhil/ MSc. Logistics and Supply Chain Management

The programme is designed to provide an opportunity for candidates to study contemporary theory and practice as well as pragmatic issues in the field of supply chain and logistics through industrial field trips which

would constitute part of the programme. It is basically targeted at purchasing, supply chain and warehouse managers as well as logistics managers in diverse fields of practice who will wish to upgrade themselves.

Entry Requirements:

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

7. MSc Procurement and Supply Chain Management

The main purpose of the programme is to sensitise, train and build up the capacity of officials of the public sector, NGOs as well as officials and executives from the private sector on procurement and supply chain management issues. The programme further seeks to offer a clear emphasis on the importance of professional relationships with other corporate functions as well as those with other upstream and downstream players in the overall supply chain.

Entry Requirements:

- i. Applicants must hold a good bachelor's degree from a recognised University in Supply Chain Management;
- ii. A good bachelor's degree in **any discipline** with relevant practical experience in Procurement; or
- iii. Applicants that are chartered members of CIPS with two years' work experience

8. MPhil/MSc Business Consulting and Enterprise Risk Management

The programme, (BCERM) is open to all working professionals from Ghana and other countries who want to develop a career in Business

Consulting and Enterprise Risk Management. The entry requirements for admission to the programme are:

- i. A good bachelor's degree in **any discipline** from a recognised University.
- ii. Professional qualifications (i.e. Chartered Level) in Accounting, Banking, Finance, Administration, Marketing, Management, Insurance, Engineering, Risk Management, etc. (e.g. ACCA, CIM, CFA, CFM).

9. MPhil/MSc. Educational Innovations and Leadership Science

The programme is open to individuals from Ghana and other countries who want to obtain professional qualification in Educational Leadership, Planning and Management.

Entry Requirement: Applicants must hold a good bachelor's degree from a recognised University in **any discipline**.

10. Master of Education

The Master of Education (M.Ed.) programme aims at inculcating skills into higher education students and non-professional teachers who seek to attain knowledge in education or attain the status of a professional teacher.

Entry Requirement: Applicants must hold a good bachelor's degree from a recognised University in an appropriate field of study.

11. MSc. Geography and Sustainable Development

The exploitation of earth resources to meet global demand for energy, food, shelter and other human needs has reached unprecedented levels. However, the planet's resources need to be harnessed in a way so it can continue to provide for the needs of this generation and future ones. In response to this challenge and need, the MSc Geography and Sustainable Development brings together expertise across the breadth of the Geography discipline and integrates the social and natural sciences to

examine and build the capacities of students in principles and practice of sustainable development.

Entry Requirement: The programme is primarily designed for professionals who have a degree in other disciplines and want to obtain interdisciplinary knowledge in Geography and Sustainable Development as well as to develop a career in the field. The pre-requisite for admission is:

- i. A good bachelor's degree in any Geography and Development related discipline.
- ii. Other Candidates with professional qualifications may be considered.

12. MSc. Accounting and Finance

The Accounting and Finance programme is developed with the broader aim of creating a new generation of experts in finance and accounting, through the provision of sound and broad-based education that covers the advanced principles and application of accounting and finance. It also equips students with solid grounding and knowledge in quantitative techniques, appraisals and evaluation of relevant financial and accounting issues.

Entry Requirements:

- i. Applicants must hold a good bachelor's degree from a recognised University in Accounting or Finance; or
- ii. A good first degree with option in Accounting e.g. BSc Mathematics with Accounting;
- iii. Any other good degree with Part II qualification from recognised professional accounting bodies such as: ICAG, ACCA, CIMA, etc.

13. MSc. Health Informatics

The programme is designed for a wide range of people including medical lab technicians, nurses, midwives, medical practitioners, paramedics, and

IT managers who want to keep ahead in this rapidly advancing field of health informatics.

Entry Requirements:

- i. Applicants must hold a good bachelor's degree from a recognised University in Computer Science, Information Technology, Information Technology and Communication, Chemistry, Biochemistry, Food Science, Environmental Science, Biological Sciences, Human Biology, Nursing, Paramedics, Midwifery, Pharmacy, Herbal Medicine, Medical Laboratory, Biomathematics, Biostatistics, Engineering, Quantitative-related programmes;
- ii. Applicant whose first degree is not listed under (i) above but have worked in the medical field for at least three years may be considered.

14. MSc. Information Technology

The programme is aimed at preparing candidates for a range of managerial and executive functions, relating to information communication technology and how information and communication technology can be leveraged for competitive advantage.

Entry Requirements: A good first degree from a recognised University in any of the following areas: Computer Science, Information Technology, Information Communication Technology, Business Information Technology, Mathematics, Engineering, etc.

15. MSc. Project Management (ACCRA AND TAKORADI CENTRES ONLY)

The programme is aimed at preparing candidates for a range of managerial and executive functions relating to projects in any industry. The programme is to bridge the continuous human resource deficit in this area and provide project management professionals with the knowledge

required to reduce the challenges of initiating, planning, executing, monitoring and controlling project activities in an acceptable manner within any socio-economic environment.

Entry Requirements:

- i. Candidates must hold a Bachelor's degree (at least a 2nd Class Lower or better) in **any field or discipline**;
- ii. Candidates should have a minimum of **two years** relevant industrial or research experience.

16. MSc. Actuarial Science

Participants would be exposed to the practical application of mathematical and statistical methods to assess risks in insurance, finance and other related industries.

Entry Requirements:

The programme in Actuarial Science is open to applicants with a minimum of 2nd Class Lower Division in the following programmes: Actuarial Science, Physics, Mathematics, Engineering Accounting, Finance, Economics or any programme within the Mathematical Sciences with evidence of Mathematical or quantitative ability.

17. MSc. Applied Statistics

The programme is designed for graduates who have professional interest in the use of statistics in their everyday work and life. It is opened to graduates from the humanities, social sciences, life and health sciences and those who have a need to use statistics in their work, but have not had sufficient or current training in applied statistics.

Entry Requirements: 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.

18. MSc. Human Nutrition and Dietetics

This programme is designed to build capacity and produce a cadre of health personnel with requisite knowledge and skills in the field of human nutrition and dietetics, aimed at promoting nutritional health and wellbeing.

Entry Requirements: Candidates with a good Bachelor of Science degree or equivalent in Human Nutrition and Dietetics, Nursing, Medicine, Pharmacy, Biochemistry, Food Science and other related courses may apply.

19. MSc. Food Quality Management

The programme is designed for candidates with requisite qualifications who are already working in the food industry. It is expected that the training shall among others, build the skills of candidates in understanding consumers' behaviour, maintaining quality and improving safety in the food industry.

Entry Requirements: A good first degree from a recognised University in Food Science and Technology, Biochemistry, Chemistry, Nutrition Science, Biology, Agricultural Engineering, Chemical Engineering or any closely related science or technology BSc programme.

20. MSc. Development Management

The programme was established under the auspices of United Nations Universities (UNU) and implemented by a network of Universities in South Africa, Northern Africa and Europe. The programme is concerned with the facilitators and obstacles to development, whether environmental, social, economic or political. The programme would among other things discuss how some countries have developed without any strong natural resource endowments and how some countries have been able to propel periods of strong growth by excessively exploiting their resource base.

Entry Requirements: Applicants must hold a good bachelor's degree in any of the following disciplines: Planning, Building Technology, Land Economy, Architecture, Business Administration, Social Sciences or Engineering.

21. MSc. Environmental Science

This multidisciplinary programme aims at training students to recognise and understand the threats and conflicts in the environment today and appreciate the steps required to develop realistic solutions. The systematic approach adopted to this programme enables students to deal with all aspects of the environment.

Entry Requirements: Applicants must hold a good bachelor's degree from a recognised University in Biological Sciences, Biochemistry, Chemistry, Physics, Mathematics, Engineering, Geography, Culture and Tourism, Natural Resources Management and Agriculture.

22. Master of Public Administration

MPA combines extensive coverage of the field of public administration with strong focus on effective management of public services coupled with strong leadership skills. Participants would have the opportunity to undertake in-depth discussion and analysis of public policies and its politics, management and leadership problems facing public organisations, non-profit and private institutions.

Entry Requirements: Applicants must hold a good bachelor's degree from a recognised University in Arts or Science. Admission preference would be given to candidates working within the Public Service.

23. MSc Security and Justice Administration

This programme has been designed to meet the increasing demand for enhanced professionalism in security and justice administration. This programme is designed for people in the corporate, private, international aid, security, police or military sectors who want to enhance their

academic and professional knowledge and skills in the area of security and justice administration.

Entry Requirements: Applicants must hold a good first degree in **any discipline** from a recognised University.

24. MSc Energy and Sustainable Management

This programme is expected to create a new generation of Energy and Sustainable Management specialists and promote techniques of achieving energy investment efficiency. The course content provides a sound, broadly-based education, covering the advanced principles in energy, petroleum and gas management, grid energy management, rural energy development and sustainable management.

Entry Requirements: Applicants must hold a good first degree in **any discipline** from a recognised University.

25. MSc Hospitality and Tourism Management

The hospitality industry is growing very rapidly and contributes substantially to the world's GDP. To ensure that Ghana takes advantage of this growth, it is important to train people with the right skills and knowledge to leverage on the gains made and further make the sector more competitive. This programme aims at bridging the gap between theory and practice, leading to improved productivity and entrepreneurship among participants.

Entry Requirements: Applicants must hold a good first degree in any related discipline from a recognised University.

26. MSc Strategic Management and Leadership

This programme is for professionals who are already in strategic management and leadership positions or individuals who are preparing themselves to be in management positions. In an increasingly competitive job market, this programme will aid the professionals' development and help them to stand out in their strategic leadership positions. It is a highly practice-based programme aimed at providing students with the

opportunity to enhance their current business practice, experience and develop skills such as interpersonal skills, leadership and project management skills, negotiation, and research skills.

Entry Requirements:

- i. Applicants must possess a good first degree from a recognised University or institution of higher learning.
- ii. Applicants with Postgraduate Diploma in Strategic Management and Leadership shall be given exemptions or credits up to the number of courses they have already taken;
- iii. Applicants with postgraduate Certificate in either Strategic Management or Leadership or both shall be given exemptions or credits up to the number of courses they have already taken

27. MSc Corporate Governance and Strategic Leadership

This is an intensive and balanced academic and practitioner-relevant programme of study for career development in the field of Corporate Governance. The programme will inform and equip participants to effectively respond to the many governance challenges that organisations in the private and public sectors face today. In particular, consideration will be given to the key ingredients necessary for securing the highest standards of effective corporate governance, encompassing content such as Corporate Finance, Leadership Theory and Practice, Strategic Management for Change Leadership, Corporate Governance (Theory, Principles and Practice), Accountability and Regulatory Governance, International Corporate Governance and Accountability, Business Ethics, Corporate Social Responsibility, Management Consulting and Information Analytics among others.

Entry Requirement: Applicants must hold a first degree (with a minimum of 2nd Class Lower Division) in **any discipline** from a recognised University.

28. MSc Insurance and Business Continuity

The need for human resource with solid background in insurance, management and knowledge in business continuity are highly preferred in today's modern industry. This is in view of risks associated with business enterprises and the need to ensure business sustainability/continuity.

Entry Requirements

- i. Applicants must hold a good first degree in **any discipline** from a recognised University.
- ii. In addition, candidates must have at least two years working experience.
- iii. Candidates with relevant professional qualification such as ICAG, ACCA, CIMA, CIM, CPA, CIB, CII, ICMCI, CIRM may be considered

29. MSc in Agribusiness Management

The Master of Science degree in Agribusiness Management is designed to equip students with analytical business skills that fulfil the unique demands of the agribusiness industry. The focus of this programme is to produce competent individuals who are knowledgeable in the theory and practice of agribusiness management.

Entry Requirements: A good first degree in Agribusiness Management, Business Administration, Agriculture and **relevant subject areas** from a recognised University or Institution of Higher Learning.

30. MSc Mechanical Engineering

The aim of the programme is to train a critical mass of high-level professional engineering manpower that will provide leadership and innovation in industry. The programme will cover the areas in:

- i. Design Manufacturing and Applied Mechanics Engineering
- ii. Thermal Science and Energy Systems Engineering, and
- iii. Industrial Engineering

Entry Requirements: A good first degree in Mechanical Engineering or an allied discipline from a recognised University.

31. MSc. Development Finance

The programme is aimed to produce middle level and top management professionals with relevant skills in development finance to enable them tackle the challenges posed by the market players. It aims at equipping students with knowledge of the key issues and debates in financing development. It is also aimed to equip students with the necessary skills to make a meaningful contribution to policy formulation and implementation, by focusing on financial development policy and financial management, with specific reference to developing countries.

Entry Requirements: A good first degree in Economics, Finance and related disciplines from a recognised University or other higher institutions of learning.

32. MSc. Biotechnology

The programme is designed to equip graduates with knowledge, skill, and research capability in the elucidation of plant and animal diseases, as well as manufacture of biological products that have capacity to provide therapeutic effects, serve as diagnostics and processing aids, industrial enzymes, biofuels and biochemicals for industrial applications, bioremediation/bio-restoration of the environment, and enhance food security and safety.

Entry Requirements:

- i. Applicants must possess a good first degree in Biochemistry, Chemistry, Pharmacy, Biological Sciences, Agriculture, Chemical Engineering, Agricultural Engineering, Renewable Natural Resources or any related programmes from a recognised University.
- ii. Applicants in Biotechnology-related managerial positions, self-employed, regulatory agencies and related fields with relevant degrees may also be considered.

33. MSc Cyber Security and Digital Forensics

The threat of Cyber Security attacks is increasingly evident to individuals and organisations around the world; from hacking to phishing, scamming to grooming, and botnets to cyber-terrorism, while the variety and ingenuity of exploits appear to expand constantly. The popularity of the role of the Internet to all aspects of our daily lives, ranging from Telecommunication, Banking, Education, Governance, Manufacturing, Media, National Securities among others, have also contributed to the proliferation in malicious activities taking place in the digital world. The programme focuses on two aspects: Cyber Security (protecting computers, networks, computer programmes, and data from unintended or unauthorised access, change, or destruction) and Digital Forensics (the approach to critical analysis of digital evidence to synthesise knowledge and scientific method to gain understanding of criminal behaviour as well as the economic impact). The MSc Cyber Security and Digital Forensics degree programme is designed to fill the gap by providing skills training to prospective students with new scientific methods in combating Cyber Crime and improving Digital Forensic investigations.

Entry Requirements:

- i. A good first degree from a recognised University in Computer Science, Information Technology, Computer Engineering, Information Systems, Physics, Mathematics, Telecommunication, Business Information Technology, Electrical Engineering and other related Science or Engineering background.
- ii. Candidates with professional qualification and experience in the relevant area may be considered.
- iii. In addition to (i) and (ii) above, applicants may be required to go through background security check with the relevant state agency.

34. MSc. Management and Human Resource Strategy

This programme is aimed at ensuring participants learn the prerequisites of business leadership, critical thinking and analytical skills, reinforced

with a thorough grounding in the key principles of business management. By specialising in Management and Human Resource Strategy, participants will gain deeper understanding of how to use an organisation's best resource (the workforce) to achieve its strategic goals and get the very best out of each individual and team. Participants would also study key perspectives and standpoints on human behaviour, how these behaviours are affected by times of uncertainty and change and what you can do to mitigate these challenges.

Entry Requirement: Applicants must possess good first degree in **any discipline** from a recognised University.

35. MSc Environmental Resource Management

Ghana abounds in Natural Resources, which have played important roles in agricultural, industrial and minerals development for ages. The exploitation of these resources however, has created some negative impacts because of poor environmental management practices. As a result, an Environmental Action Plan (EAP) was formulated in an attempt to control the management of land, mineral and water resources among others. The extraction and manufacturing industries today, use expertise from many other disciplines. In view of this, addressing any environmental problems of industry should involve management of land, forest, wild life, water and the right use of chemicals and its abatement on the ecosystems.

Entry Requirement: A good first degree in Mineral Processing, Engineering, Material Science and Engineering, Architecture, Agriculture, Renewable Natural Resources and Physical Science.

36. MSc Marketing

The programme is expected to give participants an in-depth knowledge of marketing from an academic and practitioner's perspective. It is further expected to enable participants to address marketing challenges in critical and creative ways. The programme is designed to help those from general

business or management-related disciplines to develop, enhance and build their capacities to become innovative marketing professionals, who have the ability to lead strategic decisions in the creation of successful products and services.

Entry Requirement: Applicants must possess a good first degree in **any discipline** from a recognised University.

37. MSc. Economics (ACCRA CENTRE ONLY)

This is one-year advanced degree programme in the Economic Sciences, is designed to train professionals for industry both at home and abroad. The rationale is to develop competences in three core courses: macroeconomics, microeconomics and econometrics plus a host of relevant electives. The programme has options in:

- a) MSc Economics
- b) MSc Economics (Money, Banking and Finance)
- c) MSc Economics (Energy and Resource Economics)
- d) MSc Economics (Health Economics and Policy)

Entry Requirements:

Applicants must hold a good bachelor's degree (with a minimum of 2nd Class Lower Division) in: Economics, 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 and related disciplines.

38. MPhil/MSc. Forensic Science

The MSc/MPhil Forensic Science programme is a one/two academic year programme, designed for science degree graduates who want to learn about the balance of science and law appropriate for practicing as forensic scientists.

Entry Requirements: Applicants must hold a Bachelor's degree, with a minimum of 2nd Class (Lower Division) in the following programmes: Physics, Chemistry, Biochemistry, Biology, Molecular Biology, Pharmacy or Human Biology. Candidates who are already employed in the relevant forensic related areas would be considered for admission.

39. PROFESSIONAL ENGINEERING PROGRAMMES:

General Entry Requirements

- i. Applicants should have at least four years of post-graduation work experience in the relevant engineering field;
- ii. Candidates with a 1st Class or 2nd Class Upper with minimum of two years of working experience may be considered

Specific Entry Requirements for Options:

A. Oil and Gas (Mid and Downstream)

Possesses a BSc or B-Tech degree in chemical process and other engineering disciplines from a recognised university;

B. Industrial Operations

Possesses a BSc or B-Tech degree in engineering disciplines from a recognised university;

C. Building Services Engineering

Possesses a BSc or B-Tech degree in engineering disciplines from a recognised university;

D. Energy Systems Engineering

Possesses a BSc or B-Tech degree in mechanical engineering or energy related engineering disciplines from a recognised university

E. Municipal Engineering

Applicant must possess a BSc or B-Tech degree in Civil Engineering, Environmental, Sanitary and Municipal engineering or Building Technology from a recognised university;

F. Information and Communication Technology.

Applicants must possess a BSc or B.Tech degree in Computer, Electrical or Telecommunication Engineering from a recognised University;

Duration of MEng Programmes

The professional engineering programmes are **MODULAR** and the modules will be run during weekends. The programme will cover **two (2) academic years**

PLEASE NOTE:

1. **IDL Programmes would only be mounted at Centres with the requisite minimum number of qualified applicants** (please contact IDL Office for details).
2. Facilitation is a **blend of online and face-to-face sessions** on weekends (Saturdays and Sundays) at the proposed Centres mentioned above.
3. For more information and in-depth knowledge about the programmes, visit idl.knust.edu.gh or call 0247274661 or 0500482885 or 0501102650.

- KUMASI – The Office of the Director, Institute of Distance Learning, Casely-Hayford Building, KNUST Campus, Tel No.: 0204743271, 0245077483, 0509314350, 0279857058
- ACCRA – Old KNUST Guest House near ECOBANK Head Quarters; contact Michael on Tel. 0500482875 or KNUST Accra City Campus, Kwabenya; contact Luke on Tel: 0546924824.
- AKUSE – VRA Academy; contact Alfred Okang on 0208802435

- SUNYANI – University of Energy and Natural Resources. Contact Mr. Alfred Appiah on Tel: 0500482877
- TECHIMAN – BACCSOD Techiman Branch Office, Contact Mr. Toura on 020 578 2024
- HO – Ho Technical University, Volta Region, Contact Mr Stephen Gbena Tel 050 048 2873
- TAKORADI – Sekondi-Takoradi City Campus, Kansawrodo: Mr. E. Opintan-Baah, Tel 0500482883
- KOFORIDUA – Ghana Highway Authority; Contact Mrs Fidelia Teayo Akumiah on 0209377707
- TAMALE – Tamale Technical University, Contact Dr. Abubakari Abdul-Razak, Tel. 0500482879
- BOLGATANGA – Bolga Secondary School, Contact Mr. Mukasa Zoogah, Tel. 0500482880, 0208288666
- WA – Jihann Training College, Contact Mr. Dominic Wanaa, Tel. 0500482878
- CAPE COAST – Cape Coast Tech University, Contact Mr. K. A. Simpson, Tel. 0500482882