

Kwame Nkrumah University of Science and Technology, Kumasi

FACTS & FIGURES

2020/2021

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Contents

About Knust	5
Past Principals (P) and Vice-Chancellors (VC)	10
Administrative Organisation	12
Faculty & Staff (2020/2021)	13
Student Enrollment as at 2020/2021 Academic Year	14
Admission Procedures	15
Educational Partnership and Collaborations	55
Centre for Business Development	58
The University Library	59
University Printing Press (UPK)	63
University Relations Office	64
Advancement and Alumni Relations Office	65



ABOUT KNUST

The Kwame Nkrumah University of Science and Technology (KNUST) is the foremost Science and Technology University in the country. It has, within the period of its existence, become an important centre for the training of scientists and technologists not only for Ghana but also for African and other countries.

The University campus, lies to the east of Kumasi, the Ashanti Regional capital.

There are six (6) halls of residence and fourteen (14) hostels on campus. The halls are Queen Elizabeth II, Independence, Republic, Unity, University and Africa. Of the fourteen hostels, seven belong to the University or Associations/Unions of the University. Some of these are SRC Hostel, Credit Union Hostel, GRASAG Hostel, GUSSS (Brunei) and the Chancellor's Hostel (Hall 7) etc.

The University also has a number of municipal facilities. These include a Hospital, Basic Schools (i.e. Nursery, Primary and Junior High School), Maintenance Department, Estate Organisation, Transport Department, Photocopy Unit, Printing Press, a Bookshop, a shopping mall, Staff Clubs/Canteen, Sports Stadium (Paa Joe), Gymnasium, an Olympic size Swimming Pool, Commercial and

Banking facilities, Post Office, Places of worship and Guest Houses (in Accra and on campus).

VISION

To build on KNUST's leadership as the premier science and technology university in Ghana and to be among the top ten Universities in Africa.

MISSION

KNUST exists to advance knowledge in science and technology through creating an environment for undertaking relevant research, quality teaching, entrepreneurship training and community engagement to improve the quality of life.

Core Values

- · Leadership in Innovation and Technology
- Culture of Excellence
- · Diversity and Equal Opportunity for All
- Integrity and Stewardship of Resources

By a Government Ordinance of October 6, 1951, the Kumasi College of Technology was established as a public University with the Faculty of Engineering and affiliated to the University of London. It began operations on January 22, 1952, with 200 teacher training students who were relocated from Achimota College to form the nucleus of the Kumasi College of Technology. The College expanded enormously in academic disciplines and infrastructure in the

years that followed. In addition to the Faculty of Engineering, the Departments of Pharmacy and Agriculture were established in 1953, followed by the Departments of General Studies, Town Planning & Building, and the Faculty of Science.

As the College developed, it was decided that its Science and Technology status be maintained. To this end, the Teacher Training Section, excluding the Art School, was transferred to the Winneba Training College and the Commerce Department to Achimota, in January 1958.

In 1961, the Kumasi College of Technology was granted full-fledged university status based on the report of a commission appointed by government to advise it on the status of the College. Consequently, the Kumasi College of Technology was converted into an autonomous University by an Act of Parliament on August 22, 1961 and named, The Kwame Nkrumah University of Science and Technology (KNUST). KNUST was formally inaugurated on Wednesday, November 29, 1961. The University began awarding its own degrees in June, 1964.

After the overthrow of Dr. Kwame Nkrumah, the name of the University was changed to the University of Science and Technology (UST), Kumasi on February 24, 1966 by a decree. By an Act of Parliament, 1998, Act 555, the name of the University, reverted to its original name as Kwame Nkrumah University of Science and Technology.

The University has expanded enormously and undergone major changes, especially in its academic structure since 1965. In January 2005, the University adopted the collegiate system to allow for greater academic and administrative autonomy. Under this system, the various Faculties were condensed into six Colleges, namely;

College of Agriculture and Natural Resources (CANR)

College of Architecture and Planning (CAP)

College of Art and Social Sciences (CASS)

College of Engineering (CoE)

College of Health Sciences (CHS) and

College of Science (CoS)

At the beginning of the 2015/2016 academic year, the Colleges were restructured by the merger of the Faculty of Art with the College of Architecture and Planning resulting in the new College of Art and Built Environment. The Colleges of the University now stand as:

College of Agriculture and Natural Resources (CANR)

College of Art and Built Environment (CABE)

College of Engineering (CoE)

College of Health Sciences (CHS)

College of Humanities and Social Sciences (CoHSS) and

College of Science (CoS)

The Institute of Distance Learning (IDL) initially established in 2005 under the Faculty of Science with two learning centres in Accra and Kumasi has now been elevated to the status of a College with the appointment of a Director to oversee its operations. It now has learning centres in twelve of Ghana's sixteen regions and aims at bringing the quality and demand-driven tertiary education offered by KNUST to the doorstep of all, especially, the working class.

In the 2019/2020 academic year, the University established a satellite campus in Obuasi with selected programmes in Engineering, Environmental Science and Supply Chain Management.

KNUST is currently a household name in science and technology education in Africa. The evergreen landscape and the ambiance of the institution, highly qualified academic and administrative/support staff, attractive postgraduate programmes among others makes it a first choice tertiary institution in Africa.

Past Principals (P) and Vice-Chancellors (VC)

Dr. J. P. Andrews (P)	1952 – 1954
Dr. W. E. Duncanson (P)	1954 – 1960
Dr. R. P. Baffour (P)	1960 – 1961
Dr. R. P. Baffour (VC)	1961 – 1967
Dr. E. Evans-Anfom (VC)	1967 – 1973
Prof. E. Bamfo-Kwakye (VC)	1974 – 1983
Prof. F. O. Kwami (VC)	1984 – 1992
Prof. E. H. Amonoo Neizer (VC)	1992 – 1997
Prof. A. K. Tuah (Ag. VC)	1997 – 1999
Prof. J. S. K. Ayim (VC)	1999 – 2002
Prof. K. A. Andam (VC)	2002 – 2006
Prof. K. K. Adarkwa (VC)	2006 – 2010
Prof. W. O. Ellis (VC)	2010 – 2016
Prof. K. Obiri-Danso (VC)	2016 – 2020
Current	
Prof. (Mrs.) R. A. Dickson	2020 – date

Past Registrars	
Mr. J. Harper	1952 – 1954
Mr. A. B. Attafua	1954 – 1960
Mr. K. Obese-Jecty	1960 – 1961
Mr. E. A. Ulzen	1961 – 1967
Mr. A. S. Y. Andoh	1967 – 1983
Mr. L. I. Andoh (Acting)	1983 – 1985
Mr. L. I. Andoh	1985 – 1990
Mr. St. O. Gyimah-Kessie	1991 – 2000
Mrs. S. Quashie-Sam	2000 – 2006
Mr. K. Yebo-Okrah	2006 – 2015
Mr. B. O. Andoh (Acting)	2016 – 2017
Current	
Mr. A. K. Boateng	2017 – date

ADMINISTRATIVE ORGANISATION

The University Council is the governing body and constitutes the apex of a hierarchical structure of a system of Committees/Boards for the management of the University. The principal officers of the University are the Chancellor, the Chairman of the University Council and the Vice-Chancellor. The Vice-Chancellor is the academic and administrative head of the University and the chief disciplinary officer. He is assisted by the Pro Vice-Chancellor, Registrar, Finance Officer, Provosts of College s, Director, IDL, University Librarian, Director of Works and Physical Development, Director of Health Services, Internal Auditor, Dean of Students, Dean of Graduate Studies and Dean of International Programmes.

Deans of Faculties report directly to the Provosts of Colleges whereas the Heads of Department report to the Deans of Faculties.

The Academic Board formulates and carries out the academic policy of the University and regulates and approves programmes of study and examinations held in the University.

FACULTY & STAFF (2020/2021)

RANK OF FACULTY

Professors	84
Associate Professors	197
Senior Lecturers	336
Senior Research Fellows	3
Lecturers	389
Visiting Faculty	5
Research Fellows	15
Assistant Research Fellows	5
Assistant Lecturers	73
Technical Instructors	6
Total (Senior Members Academic)	1,113
Senior Members	206
(Administrative and Professional)	
Total of Senior Members	1,319
Senior Staff	1,325
Junior Staff	765
Grand Total of Staff	3,409

*These numbers exclude part time faculty of various ranks.

Source: HRD, KNUST

STUDENT ENROLLMENT AS AT 2020/2021 ACADEMIC YEAR

Enrolment by Level and Gender

Undergraduate	
Female	25,142
Male	40,683
Total	65,825
Postgraduate	
Female	3,490
Male	7,387
Total	10,877
Total Students Population	76,702

*This includes students from the Institute of Distance Learning
*This also excludes students from the Colleges of Education and the Affiliate Institutions

Source: QAPU, KNUST

ADMISSION PROCEDURES

Undergraduate Admission Requirements

Admission to KNUST is purely based on merit. Limited vacancies are therefore keenly competed for.

There are five categories of applicants for the undergraduate programmes. These are:

- · GCE ordinary and Advanced Level holders;
- West Africa Senior School Certificate Examination (WASSCE)/Senior Secondary School Certificate Examination (SSSCE)holders;
- International Baccalaureate (IB) holders
- Matured applicants (age: 25 years and above) including HND holders (with 3 years working experience);
- International students as well as Ghanaians with foreign results.

Application e-vouchers are available between January-September and obtainable from all Regional Post Offices throughout the country.

International students apply solely online at www. knust.edu.gh

More information can be found at: knust.edu.gh/admissions

Selection of qualified applicants is done by a Central Undergraduate Admissions Committee.

Postgraduate Admission Requirements

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.

PhD Programmes

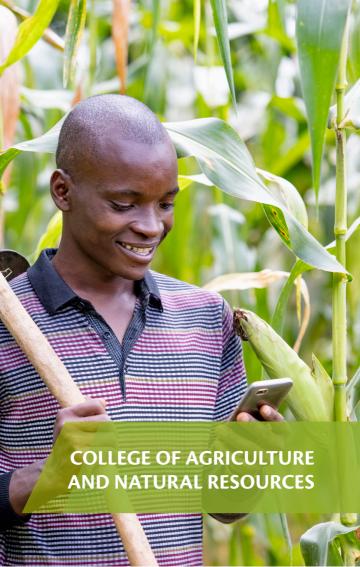
Candidates applying for Doctor of Philosophy degree must have an MPhil degree or its equivalent from a recognised Institution and shall submit evidence of adequate training and ability to undertake the proposed programme.

The School of Graduate Studies is responsible for graduate instructions; however, each department exercises a large measure of autonomy for its graduate programmes under the general guidelines established for the University.

The University offers both research and taught graduate programmes of study.

Application e-vouchers are available between February-June.





FACULTY OF AGRICULTURE

Department of Animal Science
Department of Agricultural Economics,
Agribusiness and Extension
Department of Crop and Soil Sciences
Department of Horticulture

PROGRAMMES OFFERED UNDERGRADUATE PROGRAMMES

BSc Agriculture with options in:

- · Agricultural Economics
- · Agricultural Extension and Rural Sociology
- · Agricultural Mechanisation
- Animal Science
- Crop & Soil Science
- · Dairy and Meat Science and Technology
- Horticulture
- Post-Harvest Technology

BSc Agricultural Biotechnology

BSc Agribusiness Management

BSc Landscape Design and Management

GRADUATE PROGRAMMES

PhD/MPhil/MSc Agribusiness Management
Agricultural Extension and
Development Communication

PhD/MPhil

Agricultural Economics

Animal Breeding and Genetics

Animal Nutrition

Fruit Crops

Landscape Studies

Meat Science

Plant Breeding

Postharvest Technology

Reproductive Physiology

Seed Science and Technology

Soil Science

Vegetable Crop Production Agronomy with options in:

- Crop Physiology
- Forage Production and Management
- Weed Science

Crop Protection with options in:

- Entomology
- Nematology
- Plant Pathology
- Plant Virology

MPhil

Sustainable and Integrated Rural Development

^{*}MSc Programmes are available on Distance Learning (IDL) Platform

FACULTY OF RENEWABLE NATURAL RESOURCES

Department of Agroforestry
Department of Fisheries and Watershed Mgt.
Department of Forest Resources Technology
Department of Silviculture and Forest
Management
Department of Wildlife and Range Management

Department of Wildlife and Range Management Department of Wood Science and Technology

PROGRAMMES OFFERED

UNDERGRADUATE PROGRAMMES

BSc Aquaculture and Water Resources Management BSc Packaging Technology BSc Natural Resources Management with options

- in:Agroforestry
 - · Fisheries and Watershed Management
 - · Silviculture and Forest Management
 - Wildlife and Range Management
 - Wood Science

BSc Forest Resources Technology with options in:

- · Eco- Tourism and Forest Recreation
- · Land Reclamation and Rehabilitation
- Social Forestry
- Wood Processing and Marketing

GRADUATE PROGRAMMES

PhD/MPhil Agroforestry

Aquaculture and Environment

Fisheries Management Silviculture and Forest

Management

Watershed Management

Wildlife and Range Management

Wood Science and Technology

MPhil Natural Resource and

Environmental Governance

MSc Geo-Information Science

Geo-Information Science for

Natural Resources

Packing Technology and

Management

RESEARCH CENTRES

Bureau of Integrated Rural Development (BIRD) KNUST Agriculture Research Station, Anwomaso KNUST Dairy/Beef Cattle Research Station, Boadi



FACULTY OF ART

Department of Communication Design Department of Industrial Art Department of Painting and Sculpture Department of Publishing Studies

PROGRAMMES OFFERED UNDERGRADUATE PROGRAMMES

BA Communication Design

BA Integrated Rural Art and Industry

BA Publishing Studies

BFA Painting

BFA Sculpture

BSc Ceramics Design and Technology

BSc Fashion Design

BSc Metalsmithing and Jewellery Technology

BSc Textile Design and Technology

GRADUATE PROGRAMMES

PhD/MPhil/MA Africa Art & Culture

PhD/MPhil Fashion Design Technology

Textiles Design Technology

PhD Painting

Painting and Sculpture

Sculpture

Visual Communication Design

MPhil Creative Art Therapy
MPhil Communication Design

Integrated Art & Industry

MComm Design
MFA Ceramics

Metals Painting

Painting and Sculpture

Sculpture Textiles

MA Publishing Studies

FACULTY OF BUILT ENVIRONMENT

Department of Architecture

Department of Construction Technology and

Management

Department of Land Economy

Department of Planning

PROGRAMMES OFFERED UNDERGRADUATE PROGRAMMES

BSc Architecture

BSc Construction Technology Management

BSc Development Planning

BSc Human Settlement Planning

BSc Land Economy

BSc Quantity Surveying and Construction Economics
BSc Real Estate

GRADUATE PROGRAMMES

PhD/MPhil/MSc Construction Management

Development Studies

Planning

Procurement Management

Project Management

PhD/MPhil Building Technology

PhD Architecture

Land Management

MPhil/MSc Architectural Studies

Development Planning and Mgt.

Development Policy and

Planning

Planning, Monitoring and

Evaluation

MPhil Urban Management Studies

MSc Facilities Management

Land Governance and Policy

Transportation Planning

M.Arch

FACULTY OF EDUCATIONAL STUDIES

Department of Educational Innovations in Science and Technology

Department of Teacher Education

PROGRAMMES OFFERED UNDERGRADUATE PROGRAMMES

B.Ed. Junior High School Specialism

GRADUATE PROGRAMMES

PhD/MPhil/MA Art Education

PhD/MPhil Educational Planning and

Administration

Information Communication

Technology Education
Language Education
Mathematics Education
Science Education

Educational Innovation and

Leadership Science

M.Ed General Education

Ed.D Educational Planning and

Administration

RESEARCH CENTRE

MPhil/MSc

Centre for Settlement Studies (CSS)



FACULTY OF CIVIL AND GEO-ENGINEERING

Department of Civil Engineering
Department of Geological Engineering
Department of Geomatic Engineering
Department of Petroleum Engineering

PROGRAMMES OFFERED UNDERGRADUATE PROGRAMMES

BSc Civil Engineering
BSc Geological Engineering
BSc Geomatic Engineering
BSc Petroleum Engineering

GRADUATE PROGRAMMES

PhD/MPhil/MSc Geomatic Engineering PhD/MPhil Civil Engineering

Geological Engineering

PhD Landuse and Climate Change

Water Management and Environmental Sanitation Water Resources Management Water Supply and Treatment

Technologies

MPhil GIS (Geomatic Engineering)
MSc Geophysical Engineering

Geotechnical Engineering

Landuse and Climate Change Road and Transportation Engineering Structural Engineering Water Supply and Environmental Sanitation

FACULTY OF ELECTRICAL AND COMPUTER ENGINEERING

Department of Computer Engineering
Department of Electrical and Electronic
Engineering
Department of Telecommunications Engineering

PROGRAMMES OFFERED UNDERGRADUATE PROGRAMMES

BSc Biomedical Engineering
BSc Computer Engineering
BSc Electrical & Electronic Engineering
BSc Telecommunications Engineering

GRADUATE PROGRAMMES

PhD/MPhil

Computer Engineering Electrical/Electronic Engineering

Electrical Power Systems Engineering

Telecommunications Engineering

FACULTY OF MECHANICAL AND CHEMICAL ENGINEERING

Department of Agricultural and Biosystems Engineering

Department of Chemical Engineering Department of Materials Engineering Department of Mechanical Engineering

PROGRAMMES OFFERED UNDERGRADUATE PROGRAMMES

BSc Aerospace Engineering

BSc Agricultural Engineering

BSc Automobile Engineering

BSc Chemical Engineering

BSc Industrial Engineering

BSc Marine Engineering

BSc Materials Engineering

BSc Mechanical Engineering

BSc Metallurgical Engineering

BSc Petrochemical Engineering

GRADUATE PROGRAMMES

PhD/MPhil/MSc Agricultural & Biosystems

Engineering

Agricultural Machinery

Engineering

Agro-Environmental

Engineering Bioengineering

Chemical Engineering

Mechanical Engineering with

options in:

Applied Mechanics

Design and Manufacturing

 Thermofluids & Energy Systems Engineering

PhD/MPhil Food and Postharvest

Engineering

Materials Engineering Power Systems Engineering Soil and Water Engineering

Sustainable Energy

Technologies

MPhil/MSc Environmental Resources Mgt.

Renewable Energy Technologies

PMEng Building Services Engineering

Energy Systems

Industrial Operations

Engineering

Municipal Engineering

Oil and Gas (Mid and Downstream Option)

MReTs Renewable Energy Technologies

RESEARCH CENTRES

KNUST Engineering Education Project (KEEP)

Regional Transport Research and Education Centre, Kumasi (TRECK)

Regional Water and Environmental Sanitation Centre, Kumasi (RWESCK)

Technology Consultancy Centre (TCC)

The Brew-Hammond Energy Centre (TBHEC)

West Africa Science Service Centre on Climate Change and Adapted Land Use (WASSCAL)



FACULTY OF PHARMACY AND PHARMACEUTICAL SCIENCES

Department of Herbal Medicine
Department of Pharmaceutics
Department of Pharmacology
Department of Pharmacognosy
Department of Pharmaceutical Chemistry
Department of Pharmacy Practice

PROGRAMMES OFFERED

UNDERGRADUATE PROGRAMMES

Bachelor of Herbal Medicine
Doctor of Pharmacy (Pharm D)
Doctor of Pharmacy (2 Year Top up for Practicing Pharmacists)

GRADUATE PROGRAMMES

PhD/MPhil/MSc Clinical Pharmacy PhD/MPharm/MPhil Clinical Pharmacology

> Immune- Pharmacology Narcotics Analgesic Drugs

and Dependence Natural Product Pharmacology Relational Drug Use

PhD/MPhil Pharmaceutics

Pharmacognosy

Pharmaceutical Chemistry

MSc.

Pharmaceutical Microbiology

Pharmaceutical Analysis

and Control

SCHOOL OF MEDICINE AND DENTISTRY

Department of Anaesthesiology & Intensive Care

Department of Anatomy

Department of Behavioural Sciences

Department of Child Health

Department of Clinical Microbiology

Department of Community Health

Department of Eye, Ear, Nose and Throat

Department of Medicine

Department of Molecular Medicine

Department of Obstetrics and Gynaecology

Department of Pathology

Department of Physiology

Department of Radiology

Department of Surgery

Department of Adult Oral Health

Department of Basic Oral Health

Department of Community Dentistry

Department of Oral Health & Orthodontics

Department of Oral & Maxillofacial Science

PROGRAMMES OFFERED UNDERGRADUATE PROGRAMMES

BSc. Human Biology, MBChB BSc. Human Biology, BDS BSc. Physician Assistantship

GRADUATE PROGRAMMES

PhD/MPhil Clinical Microbiology

Human Anatomy and Cell

Biology

Human Anatomy and

Forensic Science

PhD Chemical Pathology

Immunology

MPhil Chemical Pathology/

Immunology

Human Anatomy and Cell Biology (Morphological

Diagnostics)

Mortuary Science and

Management

Physiology

MSc. Audiology

Global Mental Health Policy and Development Speech and Language

Therapy

FACULTY OF ALLIED HEALTH SCIENCES

Department of Medical Diagnostics
Department of Nursing
Department of Physiotherapy and Sports Sciences

PROGRAMMES OFFERED

DIPLOMA PROGRAMMES (UPGRADE)

Diploma in Community Health Nursing (upgrade)
Diploma in General Nursing (upgrade)
Diploma in Midwifery (upgrade)

UNDERGRADUATE PROGRAMMES

BSc. Medical Imaging

BSc. Medical Laboratory Technology

BSc. Emergency Nursing

BSc. General Nursing

BSc. General Nursing (sandwich)

BSc. Midwifery (sandwich)

BSc. Midwifery

BSc. Physiotherapy and Sports Science with options in:

- Exercise and Sports Therapy
- Physiotherapy
- · Sports Management and Development

GRADUATE PROGRAMMES

MPhil. Haematology Nursing MSc. Clinical Nursing

SCHOOL OF PUBLIC HEALTH

Department of Epidemiology & Biostatistics

Department of Global and International Health

Department of Health Policy, Management & Economics

Department of Health Promotion, Education & Disability

Department of Occupational and Environmental Health

Department of Population, Family and Reproductive Health

PROGRAMMES OFFERED

UNDERGRADUATE PROGRAMMES

BSc Disability and Rehabilitation Studies

GRADUATE PROGRAMMES

PhD Public Health

MPhil Health Systems Research and

Management

Disability, Rehabilitation and

Development

MSc/MPH Health Services, Planning and

Management

Health Education & Promotion

Population and Reproductive

Health

Occupational and

Environmental Health and

Safety

MPH Health Systems Research and

Management

SCHOOL OF VETERINARY MEDICINE

Department of Veterinary Anatomy and Physiology

Department of Veterinary Clinical Studies

Department of Veterinary Pathobiology

Department of Veterinary Pharmacology and Toxicology

Department of Veterinary Public Health and Epidemiology

PROGRAMMES OFFERED

UNDERGRADUATE PROGRAMME

Doctor of Veterinary Medicine (DVM)

RESEARCH CENTRE

Kumasi Centre for Collaborative Research (KCCR)



FACULTY OF SOCIAL SCIENCES

Department of Economics

Department of English

Department of Geography and Sustainable

Development

Department of History and Political Studies

Department of Languages and Communication

Sciences

Department of Religious Studies

Department of Sociology and Social Work

PROGRAMMES OFFERED UNDERGRADUATE PROGRAMMES

BA Akan Language and Culture

BA Economics

BA English

BA French and Francophone Studies

BA Geography and Rural Development

BA History

BA Linguistics

BA Media and Communication Studies

BA Political Studies

BA Religious Studies

BA Sociology

BA Social Work

GRADUATE PROGRAMMES

PhD/MPhil/MA Asante History

Comparative Literature

Economics English

French
Geography and Rural

Development

History

Organisational Leadership

Political Studies Religious Studies

Sociology

MPA Master of Public

Administration

FACULTY OF LAW

Department of Commercial Law Department of Private Law Department of Public Law

PROGRAMMES OFFERED UNDERGRADUATE PROGRAMME

LLB Bachelor of Law

GRADUATE PROGRAMMES

PhD

LLM Law

KNUST SCHOOL OF BUSINESS

Department of Accounting and Finance
Department of Human Resource and
Organisational Development
Department of Marketing and Corporate Strategy
Department of Supply Chain and Information
Systems

PROGRAMMES OFFERED UNDERGRADUATE PROGRAMMES

BSc Business Administration with options in:

- · Accounting/Banking and Finance
- Human Resource Management/ Management
- Logistics and Supply Chain Management/Business Information Technology
- Marketing/International Business BSc in Hospitality and Tourism Management

GRADUATE PROGRAMMES

PhD Business and Management

Leadership and Organisational

Development

Doctor of Business Administration

Master of Business Administration (MBA) with options in:

Accounting

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

MSc

Accounting and Finance

*Air Transport and Aviation

Management

**Corporate Governance and

Strategic Leadership

Finance

Logistics and Supply Chain

Management

Management and Human

Resource Strategy

Marketing

Procurement and Supply Chain

Management

RESEARCH CENTRES

Centre for Applied Research and Innovation in Supply Chain – Africa (CARISCA)

Centre for Cultural and African Studies (CeCASt)

^{*}Accra Programme

^{**} Accra and Kumasi Programmes



FACULTY OF BIOSCIENCES

Department of Biochemistry and Biotechnology Department of Environmental Science Department of Food Science and Technology Department of Optometry and Visual Science Department of Theoretical and Applied Biology

PROGRAMMES OFFERED UNDERGRADUATE PROGRAMMES

BSc Biochemistry
BSc Biological Sciences

BSc Environmental Science

BSc Food Science and Technology

Doctor of Optometry (OD)

GRADUATE PROGRAMMES

PhD/MPhil/MSc Biodata Analytics and

Computational Genomics

Biotechnology Biochemistry

Environmental Science

Food Science and Technology Human Nutrition and Dietetics

PhD/MPhil Animal Physiology

Plant Physiology

Ecology Entomology

Experimental Taxonomy

Genetics

Limnology and Fisheries

Microbiology Parasitology Plant Pathology Reproductive Biology

Vision Science

MPhil/MSc Forensic Science

MSc Food Quality Management

FACULTY OF PHYSICAL AND COMPUTATIONAL SCIENCES

Department of Chemistry

Department of Computer Science

Department of Mathematics

Department of Physics

Department of Statistics and Actuarial Science

PROGRAMMES OFFERED UNDERGRADUATE PROGRAMMES

BSc Actuarial Science

BSc Chemistry

BSc Computer Science

BSc Mathematics

BSc Meteorology and Climate Science

BSc Physics

BSc Statistics

GRADUATE PROGRAMMES

PhD/MPhil/MSc Actuarial Science

Computer Science

Information Technology Mathematics Statistics

PhD/MPhil Applied Mathematics

Chemistry

Environmental Physics

Geophysics Material Science

Meteorology and Climate

Science

Nuclear Physics Pure Mathematics Polymer Science and

Technology

Scientific Computing & Industrial Modeling Solid State Physics

MPhil/MSc Cyber-Security and Digital

Forensics

MSc Applied Statistics

Industrial Mathematics

RESEARCH CENTRE

Institute for Science Research, Innovation and Development (ISID)

Centre for Food Analysis and Bio-Safety;

Centre for Water Quality Analysis and Waste Management and Centre for Science Product Development and Research Uptake. Laboratory for Interdisciplinary Statistical Analysis (LISA)

INSTITUTE OF DISTANCE LEARNING

PROGRAMMES OFFERED UNDERGRADUATE DIPLOMA PROGRAMMES (TWO YEARS)

Diploma in Architectural Technology Diploma in Business Administration Diploma in Horticulture Diploma in Information Technology

UNDERGRADUATE TOP UP PROGRAMMES

- *BSc. Business Administration with the following options:
 - Accounting
 - · Banking and Finance
 - Hospitality Management
 - Human Resource Management
 - Logistics and Supply Chain Management
 - Marketing
 - Management

BSc. Agriculture

BSc. Actuarial Science

BSc. Computer Science

BSc. Construction Technology & Management

BSc. Information Technology

BSc. Quantity Surveying & Construction Economics

BA. Sociology (Three Years)

BA. Social Work (Three Years)

BSc. Statistics

GRADUATE PROGRAMMES

Commonwealth Master of Business Administration (CMBA) with the following options:

- Accounting
- Finance
- Human Resource Management
- Logistics and Supply Chain Management
- Marketing

MBA International Business

Master of Education (MEd)

MPhil Post-Harvest Technology

(Horticulture)

MPhil/MSc. Logistics and Supply Chain

Management

Educational Innovation and

Leadership Science

MSc Accounting and Finance

Actuarial Science

Agribusiness Management

Applied Statistics Biotechnology

^{*}Two years undergraduate top-up Programme

Business Consulting and Enterprise Risk Management Communication System and **Network Engineering** Corporate Governance and Strategic Leadership Cyber Security and Digital Forensics **Development Finance Development Management** Economics (Accra Centre Only) **Energy and Sustainable** Management **Environmental Resource** Management **Environmental Science** Food Quality Management Forensic Science Geography and Sustainable Development Health Informatics Hospitality and Tourism Management Human Nutrition and Dietetics Information Technology Industrial Finance and Investment Insurance and Business Continuity

Management and Human
Resource Strategy
Marketing
Mechanical Engineering
Planning, Monitoring and
Evaluation
Procurement and Supply Chain
Management
Project Management (Accra and
Takoradi centres Only)
Security and Justice
Administration
Strategic Management and
Leadership

Professional Master of Engineering with Management (MEng) with options in:

- · Energy Systems Engineering
- Industrial Operations
- Oil and Gas (Mid and Downstream)

Master of Public Administration (MPA)

Centre for E-Learning Technology (CELT)



EDUCATIONAL PARTNERSHIP AND COLLABORATIONS

In fulfilling the University's mission to provide an environment for teaching, research and entrepreneurship training in science and technology for the industrial and socio-economic development of Ghana, Africa and other nations, The International Programmes Office (IPO) continues to facilitate the signing and monitoring of several academic and research agreements and co-operations with universities and institutions from the Americas, Europe, Asia and Africa.

The IPO continuously strives to support and enhance the internationalisation efforts at the University.

Some of the institutions are Bochum University of Science and Technology, Germany, RWTH Aachen University, Germany, Technical University of Munich, Frankfurt University of Applied Sciences, University of Bremen, Szent Istvan University, Hungary, Ramapo College of New Jersey, South Dakota State University, Friends University, Universidad Pontificia Bolivariana and Middle Belt Development Authority, Hokkaido University, University of Guelph, Lingnan University, University of Kwazulu-Natal, University of Ibadan. University of Sierra Leone, Ulsan National Institute of Science and Technology (UNIST), Wuhan University of Technology, University of Rosario of Columbia through Embassy of Colombia, Mastercard Foundation, Hebei Tianshan Biotechnology Co. Ltd., Accra Ghana and many more. Other benefits include research collaborations, academic exchanges and scholarships for faculty, staff and students of the University.

The University has also established partnerships with institutions in Ghana such as The D.O.K Professional Services (Premium Passport), Ghana Ambulance Service, Nurses and Midwifery Council, Living Waters Hospital, Hope Exchange Medical Centre, Kumasi, Asokwa Children's Hospital, Kumasi, ACE Consult Limited, The Ghana Health Service, The French Embassy in Ghana, African Research Academies for Women, Veterinary Services Directorate, The

Multimedia Group Limited, The WISTEM Group, Ministry of Food and Agriculture, Cape Coast Teaching Hospital, Ghana Angel Investor Network, Ghana Meteorological Agency/Aarhus University, Akyem Abuakwa Traditional Council, (Ofori Panin Fie) – Kyebi and many more. These institutions support the University in various ways, including giving financial assistance to students for project works.

More details can be obtained from IPO - KNUST via Facebook and Twitter.

CENTRE FOR BUSINESS DEVELOPMENT

The Centre for Business Development (CBD) serves as a business/investment Think-Tank in KNUST. It is a Limited Liability Company under the Vice Chancellor's Office. The Centre seeks to position itself to strategically move the promotion of business from policy to rapid and sustainable performance. Through this, CBD seeks to assist KNUST to produce high quality professionals to meet the challenging needs and demands of our time.

CBD's innovation and strategic programmes include the practical teaching of entrepreneurship across disciplines, the establishment of business incubators, strengthening the various on-campus production units, fund raising from private and public sources and improving academia-industry linkages.

Further details can be obtained from: cbd@knust. edu.gh / kbi@knust. edu.gh



THE UNIVERSITY LIBRARY

The Library System

The KNUST library system, comprising the Main Prempeh II Library, six College Libraries and Basic School libraries, serves as the knowledge hub of the university. It plays a central role in supporting the noble vision of the University, through the provision of state-of-the-art library services that support teaching, learning and research in the University. Like many twenty-first century libraries, it works to:

 Provide access to a wide range of print and electronic resources across many academic disciplines, available anytime, anywhere;

- Create a learning environment that inspires staff and students towards academic excellence:
- Make available authentic learning spaces, designed to meet individual and group learning styles;
- Build the capacity of staff and students through tailor-made training programmes in Information and Digital literacy;
- Help connect students and staff to the global knowledge eco-system;
- Enhance learning journey, supported by cutting-edge learning technologies;
- Inspire users to fulfil their future dream of contributing positively to the development of Ghana and the world at large.

Collection

The total book stock of the entire library system is 227.101 volumes.

Journal Subscription

The Library maintains collaboration with the Consortium of Academic and Research Libraries in Ghana (CARLIGH) and the International Network for the Availability of Scientific Publications (INASP) to facilitate access to over 40,000 electronic journals from about 50 academic databases. This digital access comprises more than 100 million full text

documents, bibliographic information, abstracts and book reviews.

Research and Learning Commons

The Library provides space for faculty and postgraduate students to share knowledge and engage with their peers in dialogue, debate and reflection. There are 5220 visitors to the IR, with an average daily visit of about 50.

Institutional Repository

The documents in the repository are categorized as follows: Thesis, Conference Proceedings,

Journal of Science and Technology (JUST), Research Articles, Speeches and KCCR.

Support Services

Student support: Includes induction of new students, academic and information literacy training, lending services, handling student enquiries, and general support for students.

Academic Engagement: Responsible for induction of new staff, reading list development and management, training for academic staff in learning resource development, handling of staff enquiries, marketing, and promotion of library services.

Collection Development and Management: Responsible for procurement of books, journals and newspapers, cataloguing and book processing, collection development including weeding and relegation, management of Ghana collection and library archives.

Basic School Library Services: Responsible for the management of the Children's Library, liaison with heads relating to all library activities for Basic Schools, procurement of books for primary and JHS, organizing library events/activities for children.

IT and Digital Library services: Responsible for training undergraduates, post-graduates and faculty in the use of online academic databases, the institutional repository (KNUSTSpace), reference management software and Turnitin.

Further details on the University Library can be obtained from library@knust.edu.gh



UNIVERSITY PRINTING PRESS (UPK)

The University Press (UPK) known for its quality, innovative and distinctive designs, provides high quality print products and superior services to its clients. It publishes in diverse fields and offers services including the following:

Pre-Press, 6-colour Speedmaster Printed Materials, Bindery, State- of- the Art Digital Press, Publishing Unit and Consultancy.

For further information, contact us

Tel: 0322493231

Email: upknust@gmail.com Website: upk.knust.edu.gh

UNIVERSITY RELATIONS OFFICE

The University Relations Office (URO) is a division of the Office of the Registrar. Its major responsibilities are to project and maintain the good image of the University. It serves as the link between the University and other Universities, corporate bodies and the public.

The Office officially communicates all management decisions including crisis management to its internal and external publics. It does this through appropriate mediums of communication such as press releases and statements through the mass media.

The URO manages the University's website and publications of the University and also handles all the photographic needs of the University through its Reprographic Section. The URO also oversees the operations of the official campus radio station, Focus FM.

The division plays a vital facilitative role in all the major official University functions which include congregation and matriculation ceremonies, as well as professorial inaugural lectures.

Call: 0500099299 or visit www.knust.edu.gh/uro@knust.edu.gh

ADVANCEMENT AND ALUMNI RELATIONS OFFICE

On behalf of the University, this office liaises with KNUST Alumni and its Global Association to promote the University. It also establishes and maintains close relationship with corporate bodies and individuals to raise funds for the Alumni Association and to establish Chairs and Endowment Funds. The Publications and Documentation Unit is responsible for all publications and documentation of the University.

Advancement and Alumni Relations Unit liaises with KNUST Alumni Associations to promote its membership drive, maintain an up-to-date alumni database, raise funds, organise alumni related events, address other alumni matters as well as supporting the University towards achieving its mandate.

Further information can be obtained from www.knust.edu.gh