



KNUST

KWAME NKRUMAH UNIVERSITY OF
SCIENCE AND TECHNOLOGY, KUMASI

FACTS & FIGURES

2021/2022

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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 Africa and other countries.

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

There are six (6) halls of residence and other hostel facilities on campus. The halls are Queen Elizabeth II Hall, Independence Hall, Republic Hall, Unity Hall, University Hall and Africa Hall. The hostels on campus either belong to the University or Associations/Unions of the University. Some of these are SRC Hostel, Tek Credit Union Hostel, GRASAG Hostel, GUSSS Hostels, 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, Sports Complex (GUSSS Sports Complex), 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.

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 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)

As a way of expanding access to tertiary education, the University in 2005, established the Institute of Distance Learning (IDL) under the Faculty of Science with two learning centres in Accra and Kumasi. The IDL 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 recognised brand for science and technology education in Africa and the world as a whole. The evergreen landscape and the ambiance of the University, 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). Rita Akosua 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 Colleges, Director of IDL, University Librarian, Director of Works and Physical Development, Director of Health Services, Internal Auditor, Director of the Directorate of Students Affairs, Director of Graduate Studies and Dean of International Programmes.

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

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

FACULTY AND STAFF (2021/2022)

RANK OF FACULTY

Professors	95
Associate Professors	209
Senior Lecturers	338
Senior Research Fellows	2
Lecturers	404
Visiting Faculty	5
Research Fellows	18
Assistant Research Fellows	5
Assistant Lecturers	105
Technical Instructors	4
Total (Senior Members Academic)	1,185
Senior Members (Administrative and Professional)	234
Total of Senior Members	1,419
Senior Staff	1,427
Junior Staff	705
Grand Total of Staff	3,551

*These numbers exclude part time faculty of various ranks.

Source: HRD, KNUST

STUDENT ENROLLMENT AS AT 2021/2022 ACADEMIC YEAR

Enrolment by Level and Gender

Undergraduate	
Female	30,263
Male	46,786
Total	77,049
Postgraduate	
Female	3,164
Male	6,246
Total	9,410
Total Students Population	86,459

*This includes students from the Institute of Distance Learning.

*This also excludes students of the Affiliate Institutions

Source: QAPO, KNUST

ADMISSION PROCEDURES

Undergraduate Admission Requirements

Admission to KNUST is strictly 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
- General Business Certificate Examination (GBCE) holders;
- Advance Business Certificate Examination (ABCE) 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 April-October 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. Preference will be given to applicants with FIRST CLASS OR SECOND CLASS (UPPER DIVISION).

PhD Programmes

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

Programme Specific Requirement

Your graduate programme may have additional admission requirements. You may review your programme page for details.

Programme Duration

Unless otherwise stated,

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



COLLEGES AND PROGRAMMES OFFERED

**COLLEGE OF AGRICULTURE
AND NATURAL RESOURCES**

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 Mechanization
- Animal Science
- Crop and Soil Sciences
- 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
- » Post-harvest 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
Management

Department of Forest Resources Technology

Department of Silviculture and Forest
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



**COLLEGE OF ART AND
BUILT ENVIRONMENT**

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

BA Metal Product Design and Technology

BFA Ceramics

BFA Painting

BFA Sculpture

BSc. Ceramics Technology

BSc. Fashion Design

BSc Textile Design and Technology

GRADUATE PROGRAMMES

PhD/MPhil

- » Africa Art and Culture
- » Ceramics Technology
- » Fashion Design Technology
- » Textiles Design Technology

PhD

- » Painting
- » Painting and Sculpture
- » Sculpture
- » Visual Communication Design

MPhil/MSc

- » Creative Art Therapy

MPhil

- » Communication Design
- » Integrated Art
- » Publishing Studies

MComm

- » Design

MFA

- » Ceramics
- » Jewellery and Metalsmitting
- » Painting
- » Painting and Sculpture
- » Sculpture
- » Textiles Design

MA

- » Africa Art and Culture
- » Creative Art and Culture
- » 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
- » Land Management and Governance

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
- » Real Estate
- » 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

Diploma in Education

GRADUATE PROGRAMMES

PhD/MPhil/MA Top-Up/ M.Ed

- » Art Education

PhD/MPhil/MPhil

- » Educational Planning and
Administration

- » Information Communication Technology Education
- » Language and Literacy Education
- » Mathematics Education
- » Science Education

MPhil/MSc

- » Educational Innovation and Leadership Science
- » Leadership Science

M.Ed

- » General Education

Ed.D

- » Educational Planning and Administration
- » Masters in Higher Education Pedagogy
- » Postgraduate Diploma in Education

RESEARCH CENTRE

Centre for Settlement Studies (CSS)

Centre for Educational Research and Development (CERD)



**COLLEGE OF
ENGINEERING**

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/MSc

- » Transport Systems

MPhil

- » GIS (Geomatic Engineering)

MSc

- » Environmental Sanitation and Waste Management
- » Disaster Prevention and Management
- » Geophysical Engineering
- » Geotechnical Engineering
- » Landuse and Climate Change
- » Road and Transportation Engineering
- » Structural Engineering
- » Transport Leadership
- » Water Engineering
- » Water Supply Engineering and Management
- » 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)

» Renewable Energy Technologies

RESEARCH CENTRES

KNUST Engineering Education Project (KEEP)

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)



**COLLEGE OF
HEALTH SCIENCES**

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

- » Pharmaceuticals
- » Pharmacognosy
- » Pharmacology
- » Pharmaceutical Chemistry
- » Pharmaceutical Microbiology

MSc.

- » Pharmaceutical Analysis and Quality 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 Community Dentistry
Department of Child Oral Health & Orthodontics
Department of Oral & Maxillofacial Science

PROGRAMMES OFFERED

UNDERGRADUATE PROGRAMMES

BSc. Human Biology, MBChB
BSc. Physician Assistantship

GRADUATE PROGRAMMES

PhD/MPhil

- » Chemical Pathology
- » Clinical Microbiology
- » Human Anatomy and Cell Biology
- » Human Anatomy and Forensic Science
- » Molecular Medicine

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 Science

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 Science

BSc. Emergency Nursing

BSc. General Nursing

BSc. General Nursing (sandwich)

BSc. Community Health 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

PHD/MPhil.

- » Haematology
- » Medical Imaging

MPhil.

- » 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 and Disability Studies

Department of Occupational and Environmental Health and Safety

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

- » Global and International Health
- » 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)

GRADUATE PROGRAMMES

PhD/MPhil

- » Integrative Pathobiology
- » One Health

PhD

- » Veterinary Anatomy

MPhil

- » Comparative Anatomy

MVSc.

- » Anatomy

RESEARCH CENTRE

Kumasi Centre for Collaborative Research (KCCR)



**COLLEGE OF HUMANITIES
AND SOCIAL SCIENCES**

FACULTY OF SOCIAL SCIENCES

Department of Economics

Department of English

Department of Geography and Sustainable
Development

Department of History and Political Studies

Department of Language and Communication
Sciences

Department of Religion and Human
Development

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 PROGRAMME

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

**Accra Programme*

*** Accra and Kumasi Programmes*

RESEARCH CENTRES

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

Centre for Cultural and African Studies (CeCAST)



**COLLEGE OF
SCIENCE**

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
- » Environmental Science
- » Food Science and Technology
- » Human Nutrition and Dietetics

PhD/MPhil

Biochemistry

Biological Sciences
Vision Science

MPhil/MSc

Forensic Science

MSc

Food Quality Management
Human Nutrition

FACULTY OF PHYSICAL AND COMPUTATIONAL SCIENCES

Department of Chemistry
Department of Computer Science
Department of Mathematics
Department of Meteorology and Climate Science
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. Mathematical and Computational Physics

BSc. Physics with options in:

- Biomedical Physics
- Computing
- Electronics
- Geophysics
- Materials Science

BSc Statistics

GRADUATE PROGRAMMES

PhD/MPhil/MSc

- » Actuarial Science
- » Computer Science
- » Information Technology

PhD/MPhil

- » Applied Mathematics
- » Chemistry
- » Environmental Physics
- » Geophysics
- » Material Science
- » Mathematical and Computational Physics
- » Meteorology and Climate Science

- » Nuclear Science and Technology
- » Pure Mathematics
- » Scientific Computing & Industrial Modelling
- » Solid State Physics

PhD

- » Mathematics Statistics

MPhil/MSc

- » Cyber-Security and Digital Forensics

MPhil

- » Mathematical Science

MSc

- » Applied Statistics
- » Applied Meteorology
- » Petroleum Geophysics
- » Physics

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

Centre for Science Product Development and Research Uptake.

KNUST-Laboratory for Interdisciplinary Statistical Analysis (KNUST-LISA)

National Institute for Mathematical Sciences (NIMS)



INSTITUTE OF DISTANCE LEARNING



PROGRAMMES OFFERED **UNDERGRADUATE DIPLOMA** **PROGRAMMES (TWO YEARS)**

Diploma in Architectural Technology
Diploma in Business Administration
Diploma in Food Manufacturing
Diploma in Horticulture
Diploma in Information Technology
Diploma in Professional French

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 (CTM)

BSc. Information Technology

BSc. Quantity Surveying & Construction Economics (QSCE)

BA Sociology (Three Years)

BA Social Work (Three Years)

BSc. Statistics

*Two years undergraduate top-up Programme

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

- » Crop Science
- » Post-Harvest Technology (Horticulture)

MPhil/MSc

- » Logistics and Supply Chain Management
- » Educational Innovations and Leadership Science

MSc

- » Accounting and Finance
- » Actuarial Science
- » Agribusiness Management
- » Agricultural Extension and Development Communication
- » Applied Statistics
- » Biotechnology
- » 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
- » Information Technology
- » Industrial Finance and Investment
- » Insurance and Business Continuity
- » Management and Human Resource
Strategy
- » Marketing
- » Mechanical Engineering

- » Physics
- » 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)



EDUCATIONAL PARTNERSHIP AND COLLABORATIONS



The International Programmes Office (IPO) continuously strives to support and enhance the internationalization efforts of the University.

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, KNUST has signed Four Hundred and four (404) academic agreements and co-operations with universities and institutions from America, Europe, Asia, and Africa.

From January, 2022 to date, the University has signed twenty-three (23) Memorandum of Understanding.

Some of these institutions are; Technical University of Munich, Germany, Frankfurt University of Applied Sciences, Germany, The Hochschule Darmstadt University of Applied Sciences, Germany, Hochschule Bremen University of Applied Sciences, Germany, Kings College University, London, University of Nottingham, London, University of East Anglia, England and Association of Commonwealth University (ACU) London.

Others are Università Degli Studi di Brescia, Italy, Università degli studi di Sassari, Beaux-Arts de Paris, France, École Spéciale des Travaux Publics (ESTP, Paris) France, ISA Lille, France Szent István University, Hungary, Kolding School of design, Denmark, South Dakota State University, USA, Ramapo College of New Jersey, USA, University of Georgia, USA, Universidad Pontificia Bolivariana and Middle Belt Development Authority, University of Guelph, Canada and Mastercard Foundation, Canada.

Also, the University has collaborations with; Lingnan University Hong Kong, China, Ulsan National Institute of Science and Technology (UNIST), South Korea, Wuhan University of Technology, China, Hebei Tianshan Biotechnology Co. Ltd., China, Harbin Finance University, University of KwaZulu-Natal, University of Johannesburg, Cape Peninsula University of Technology, South Africa, University

of Ibadan, Nigeria, University of Sierra Leone and many more.

In addition, the University has established partnerships with institutions in Ghana, such as Nestlé Ghana Limited, National Sports Authority, Owirenkyi Kingdom, Assin Kushea Owirenkyi Traditional Council, D.O.K Professional Services (Premium Passport), Ghana Ambulance Service, Nurses, and Midwifery Council, Living Waters Hospital, and Hope Exchange Medical Centre, Kumasi.

Furthermore, KNUST collaborates with 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 Gh, Ministry of Food and Agriculture, Akyem Abuakwa Traditional Council, (Ofori Panin Fie)- Kyebi and many more.

These institutions support the University in various ways, including research collaborations with Faculty, staff and students exchanges, internship opportunities, granting of Scholarships to staff and students and partner with communities to aid development.

More details can be obtained on:

www.ipo@knust.edu.gh, Facebook: IPO KNUST, Twitter: IPO KNUST

THE UNIVERSITY LIBRARY



UNIVERSITY 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 of 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 fulfill 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 **226,796** volumes. The breakdown of the book holdings of the individual libraries are as follows:

Prempeh II Library	147,689
Basic Schools' Libraries	9,561
College of Agriculture and Natural Resources	6520
College of Art and Built Environment	16096
College of Humanities and Social and Social Sciences	20,579
College of Engineering	3794
College of Health Sciences	11395
College of Science	10,555
Obuasi Campus	607
Total	226,796

Journal Subscription

The library maintains collaboration with the Consortium of Academic and Research Libraries in Ghana (CARLIGH), and the Electronic Information for Libraries (Eifl.Net) to facilitate access to over 40,000 electronic journals from about 61 academic databases. This digital access comprises more than 100 million full text documents, bibliographic information, abstracts and book reviews.

E-books

The library provides access to over 300,000 titles of e-books through **Baobab** and thousands other titles through **ProQuest** and **Pearson**. It continues to add many new titles all the time. Below are the links to the e-books:

https://koha.baobab-ebooks.com/cgi-bin/koha/opac-main.pl?logout_x=1

<https://ebookcentral.proquest.com/lib/knust/home.action>

<https://login.vitalsource.com/>

Research Commons

The library provides space for faculty and postgraduate students to share knowledge and engage with their peers in dialogue, debate and reflection. Over 11,000 patrons visit the Research Commons in a year, with an average daily visit of about 50.

Institutional Repository

The institutional repository is an archive for collecting, preserving, and disseminating digital copies of the intellectual output of KNUST as a research institution. It enables researchers to self-archive their research output and improve the visibility, usage and impact of research emanating from KNUST.

The documents in the repository are categorized as follows:

Communities	Collections
Thesis	9320
Conference Proceedings	506
Journal of Science and Technology (JUST)	366
Research Articles	4785
Speeches	337
KCCR	70
Total	15,384

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.



UNIVERSITY PRINTING PRESS

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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 (URO)

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The University Relations Office, with its affiliate Units; Advancement and Alumni Relations Office, Media and Events, Publication and Documentations, and Focus FM (a campus-based radio station) all work together to push the visibility agenda of Advancing Knowledge in Science and Technology for Sustainable Development of Africa.

As the official mouthpiece of the University, the Office communicates in various ways the University's research activities and projects the University to maintain its image. This is achieved through the print and electronic media. The Office works with a comprehensive strategic communication and crisis management plan aimed at jealously guarding while projecting the constructive vision of the University locally and internationally. With good media relations, the Office leverages on mass media effectively on its advantage to reach the University's internal and external audience.

Units At The University Relations Office

Media and Events Unit exists to develop and execute content for the University's website and social media platforms; plan and execute University

functions and events; conceptualise and create official University audio and video (adverts/documentaries); supervise the external broadcast of University news items. The Unit also monitors the media space for intelligence reporting on the University's brand; manages advertisement platforms in the University; manages and oversees facilities, personnel, and all event details; and assists in the production of university paraphernalia/souvenirs for protocol and other purposes.

Publications and Documentation Unit (PDU) is responsible for brand management of the University's brand identity, especially cataloguing, storing, and supervising all publication activities within the University. The PDU handles all graphic design productions and publications in the University including; facilitating and supervising internal/external advertisements of the University, disseminating research and other related activities through print and online media.

Focus FM, the official campus radio station has in recent times been airing quality programmes to entertain, educate and inform its wide audience. The station spearheads our flagship research dissemination and outreach efforts through its programme "Nyansapo".

THE ADVANCEMENT AND ALUMNI RELATIONS OFFICE (AARO)



The Advancement and Alumni Relations Office (AARO), a Unit in the Registrars Offices of KNUST, provides the linkage between the University and its principal stakeholder i.e. Alumni. It facilitates and coordinates the execution of alumni related programmes and projects to promote the mutual relationship between academic and social units such as Departments/Faculties/Schools/Colleges/Halls etc and their respective alumni.

It is instructive to note that immediately after congregation ceremonies, all graduates automatically become Alumni of the University.

The AARO provides the following services but not limited to:

- Registration of KNUST Alumni.
- Facilitation of information flow between the University and its alumni.
- Provision of client service support to alumni for real time solutions to related needs.

- Coordination and organisation of alumni activities such as Alumni Mentorships, Lectures, Donations, Programmes and Projects. etc.

Contact the Office via: ***alumni@knust.edu.gh*** and its social media handles.