



Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

## **FACTS AND FIGURES**

KNUST 2017

**Kwame Nkrumah University of Science and Technology, Kumasi, Ghana**

KNUST 2017

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## **KNUST IN FOCUS**

The Kwame Nkrumah University of Science and Technology (KNUST) is one of the Country's Public Tertiary Institutions. The campus is situated about eight kilometres away from the centre of Kumasi, the Ashanti regional capital, and covers an area of about eighteen square kilometres of undulating land.

There are six (6) halls of residence and thirteen (13) hostels on campus. Three of the halls are for males and females, two for males only and one for females only. They are: Queen Elizabeth II, Independence, Republic, Unity, University and Africa.

Of the thirteen hostels, seven belong to the University. Some of these are SRC Hostel, Credit Union Hostel, Grassag Hostel, GUSSS (Brunei) and Chancellor's Hostel (Hall 7) etc. The remaining six belong to private investors and some of these are Suncity, SSNIT Hostel, Crystal Rose Hostel, Wilkado Hostel 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 Section, Estate Organisation, Transport Department, Photocopy Unit, Printing Press, Bookshop, Shopping Mall, Senior Staff Club, Sports Stadium (Paa Joe), Gymnasium, an Olympic size Swimming Pool, Commercial and Banking facilities, Post Office, Places of worship and Guest Houses.

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.

## **VISION**

To build on KNUST's leadership as the premiere 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**

KNUST is committed to attracting and developing excellent staff and students in order to contribute towards the achievement of the goals, targets and directions that the government has set for higher education. The following cherished values characterise the work and life of the University and are ingrained in all those who pass through the University. In fulfilling the vision and mission of the University, the following core values are adhered to:

### **Leadership in Innovation and Technology**

We endeavour to maintain and strengthen our position as the premier Science and Technology University in the country leading in generating and exchanging new knowledge in innovation and technology, and offering service to government, industry and society.

### **Culture of Excellence**

We strive to be the best and maintain a commitment to continuously improve upon our status in all our undertakings-research, teaching, entrepreneurship and service-for the development of society.

### **Diversity and Equal Opportunity for All**

We ensure an environment of understanding and respect for cultural diversity and equal opportunity among students and staff. We uphold academic freedom in our quest to advance the frontiers of knowledge and in our attempt to attain self-development.

### **Integrity and Stewardship of Resources**

We are dedicated to exhibiting the highest standards of professional ethics and integrity, efficient utilisation of resources and a culture of accountability and responsibility in all our operations.

## **HISTORY OF THE UNIVERSITY**

The Kwame Nkrumah University of Science and Technology started as the Kumasi College of Technology by a Government Ordinance on October 6, 1951. It began operations on January 22nd, 1952, with 200 teacher training students who were relocated from Achimota College to form the nucleus of the College.

Before its accession to a University status in 1961, the College expanded enormously in academic disciplines and infrastructure. The School of Engineering and the Departments of Pharmacy and Agriculture in 1953, followed by the Department of General Studies, Town Planning and Building and the Faculty of Science.

As the College developed, it was decided to make it a Science and Technology oriented institution. To this end, the Teacher Training College, excluding the Art School, was transferred in January 1958 to the Winneba Training College and the Commerce Department to Achimota.

In December 1960, the Government appointed a University Commission to advise on the future of the University Education in Ghana, in connection with the proposal to transform the University College of Ghana and the Kumasi College of Technology into an independent University of Ghana. Based on the Commission's Report, the Government, in 1961, decided to establish two independent universities, one in Kumasi and the other at Legon, near Accra.

Consequently, the Kumasi College of Technology was converted into a full-fledged University by an Act of Parliament on August 22, 1961. The Kwame Nkrumah University of Science and Technology was formally inaugurated on Wednesday, November 29, 1961. The University began awarding its own degrees in June, 1964. Its name was changed, after the overthrow of Dr. Kwame Nkrumah on February 24, 1966 to the University of Science and Technology, Kumasi. The University has since March 1997, reverted to its original name.

The University has undergone major changes over the years. In October 1965, the Department of Applied Physics, Applied Biochemistry and Chemical Technology were established and the name of the Faculty changed to the Faculty of Applied Sciences. In addition, a Department of Science was set up in the Faculty to teach Sixth Form Science subjects to prepare pre-tertiary students for the Higher School Certificate, General Certificate of Examination (Advance Level).

In November 1966, the University decided to reconstitute the Faculty to teach specialist courses in Biochemistry, Biology, Chemistry, Chemical Technology, Mathematics and Physics. Steps were also taken to discontinue the Preliminary Science Courses, which ceased at the end of the 1968/69 Academic Year.

The Department of Chemical Technology was transferred to the Faculty of Engineering under a new name, Chemical Engineering and in 2000 while the School of Graduate Studies took over the Board of Post-graduate Studies with the responsibility for coordinating postgraduate programmes in the University.

In October 2001, the University's School of Mines at Tarkwa was elevated to semi-autonomous Institution called Western University College. It has since October 2004, become a full-fledged University known as the University of Mines and Technology.

As the number of students and academic programmes grew, the administrative structure with which the University was governed correspondingly changed. Following a presentation made by

the former Vice-Chancellor, Professor Kwesi Andam, to Council in March 2003, in a paper entitled “The Need to Restructure the University”, KNUST is now fundamentally restructured into six colleges along the lines of new statutes promulgated in October 2004.

Following 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 have since the beginning of the 2015/2016 academic year been restructured 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)

College of Science (CoS)

Institute of Distance Learning (IDL)

The Institute of Distance Learning was in 2016 elevated to the status of a College with the appointment of a Director to oversee its operations.

With the birth of the University of Energy and Natural Resources in June 2012, the Faculty of Forest Resource Technology has since become a faculty under the College of Agriculture and Natural Resources.

**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. Emmanuel Evans-Anfom (VC)	1967 - 1973
Prof. E. Bamfo-Kwakye (VC)	1974 - 1982
Prof. F. O. Kwami (VC)	1984 - 1992
Prof. E. H. Amonoo Neizer (VC)	1992 - 1997
Prof. J. S. K. Ayim (VC)	1999 - 2002
Prof. Kwesi 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- Date

**Past Registrars**

Mr. J. Harper	1952 – 1954
Mr. A. B. Attafua	1954 – 1960
Mr. Obese-Jecty	1960 – 1961
Mr. E. A. Ulzen	1961 – 1967
Mr. A. S. Y. Andoh	1967 - 1983
Mr. L. I. Andoh	1985 – 1990
Mr. St. O. Gyimah-Kessie	1991 – 2000
Mrs. Sophia Quashie-Sam	2000 – 2006
Mr. Kobby Yebo-Okrah	2006 – 2015
Mr. A. K. Boateng	2017- Date



## ADMINISTRATIVE ORGANISATION

The University Council, as the governing body, constitutes the apex of a hierarchical structure of a system of committees 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. The Pro Vice-Chancellor, Registrar, Finance Officer, Provosts of Colleges, 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 report directly to the Vice-Chancellor.

The Deans of Faculties report directly to the Provosts of Colleges whereas the Heads of Departments report to the Deans of Faculties or Provosts as may apply.

There is an Academic Board that formulates and carries out the academic policy of the University and regulates and approves the programmes of study and examinations held in the University.

## FACULTY AND STAFF

KNUST Faculty teaches undergraduate and graduate students and engages in research. There are **1,018** Academic staff members and **157** Senior members (Administrative and Professionals). The majority of the Faculty are highly qualified Ghanaians. The University's total teaching staff includes:

Professors	<b>41</b>
Visiting Professor	-
Associate Professors	<b>83</b>
Senior Lecturers	<b>293</b>
Senior Research Fellows	<b>14</b>
Lecturers	<b>458</b>
Visiting Lecturers	-
Research Fellows	<b>11</b>
Assistant Research Fellows	<b>8</b>
Assistant Lecturers	<b>72</b>
Technical Instructors	<b>38</b>
Other Academic Staff	-
<b>Total (Senior Members Academic)</b>	<b>1,018</b>
Senior Members (Administrative and Professionals)	<b>157</b>
<b>Total of Senior Members</b>	<b>1,175</b>
Senior Staff	<b>1,200</b>
Junior Staff	<b>1,213</b>
<b>Grand Total of Staff</b>	<b>3,588</b>

These numbers exclude Part time faculty of various ranks. KNUST therefore employs **3,588** individuals on campus.

Source: HRD, KNUST

### ***STUDENT ENROLMENT 2016/2017***

*The student population for the University currently stands at **41,394** out of which **35,508** are undergraduate students and **5,806** graduate students. This includes students from the Institute of Distance Learning.*

*Source: QAPU, KNUST*

### **ADMISSION OF APPLICANTS**

#### **Undergraduates**

Admission to KNUST is purely based on merit. Over the years the University has undertaken to admit the cream of qualified applicants. Limited vacancies are therefore keenly competed for.

There are four categories of applicants for the under-graduate programmes namely:

- Senior Secondary School Certificate Examination (SSSCE)/West Africa Senior School Certificate Examination (WASSCE) holders;

- Ordinary and Advanced Level GCE 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.

Admission forms are available between February-May and obtainable from all Regional Post Offices throughout the country.

International students apply solely online at [www.knust.edu.gh](http://www.knust.edu.gh)

Selection of qualified applicants is done by a Central University Admission Committee.

## **DEGREES OFFERED**

### **Undergraduate Education and Programmes**

KNUST is committed to providing students with a strong scientific, technical, and humanistic foundation. It also encourages them to develop creativity in defining problems and seeking solutions.

### **Graduate Education and Programmes**

For more than 50 years, the university's graduate programmes have provided an ideal

environment for advanced study by faculty and students working together to extend the boundaries of knowledge and national development.

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 as a whole.

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

## **COLLEGES AND DEGREES 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

**Faculty of Renewable Natural Resources**

Department of Agroforestry  
Department of Fisheries and Watershed Management  
Department of Silviculture and Forest Management  
Department of Wildlife and Range Management  
Department of Wood Science and Technology

**Faculty of Forest Resources Technology**

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

**Research Centres**

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

The following programmes are available in the College:

**UNDERGRADUATE PROGRAMMES**

**Faculty of Agriculture**

BSc Agriculture  
BSc Agricultural Biotechnology  
BSc Agribusiness Management  
BSc Dairy & Meat Science and Technology  
BSc Landscape Design and Management  
BSc Post-Harvest Technology

**Faculty of Renewable Natural Resources**

BSc Aquaculture and Water Resources Management  
BSc Natural Resources Management

**Faculty of Forest Resources Technology**

BSc Forest Resources Technology

- Eco- Tourism and Forest Recreation
- Land Reclamation and Rehabilitation
- Social Forestry
- Wildlife and Range Management
- Wood Processing and Marketing

**GRADUATE PROGRAMMES**

**Faculty of Agriculture**

MPhil	<ul style="list-style-type: none"> <li>- Agronomy</li> <li>- Agronomy (Crop Physiology)</li> <li>- Agronomy (Forage Production and Management)</li> <li>- Agronomy (Plant Breeding)</li> <li>- Agronomy (Weed Science)</li> <li>- Crop Protection <ul style="list-style-type: none"> <li>• Entomology</li> <li>• Nematology</li> <li>• Plant Pathology</li> <li>• Plant Virology</li> </ul> </li> <li>- Floriculture</li> <li>- Fruit Crop Production</li> <li>- Landscape Studies (Planning, Management, Science and Design)</li> <li>- Soil Science</li> </ul>
MPhil/PhD	<ul style="list-style-type: none"> <li>- Post Harvest Technology</li> <li>- Post Harvest Physiology</li> <li>- Seed Science and Technology</li> <li>- Vegetable Crop Production (Olericulture)</li> </ul>
PhD	<ul style="list-style-type: none"> <li>- Agronomy</li> <li>- Crop Physiology</li> <li>- Forage Production and Management</li> <li>- Fruit Science</li> <li>- Entomology</li> <li>- Nematology</li> <li>- Plant Breeding</li> <li>- Plant Pathology</li> <li>- Plant Virology</li> <li>- Soil Fertility/Plant Nutrition</li> <li>- Soil Management and Conservation</li> <li>- Soil Science</li> </ul>
MSc/MPhil/PhD	<ul style="list-style-type: none"> <li>- Animal Breeding and Genetics</li> <li>- Animal Nutrition</li> <li>- Reproductive Physiology</li> <li>- Meat Science</li> </ul>
MSc/MPhil/PhD	<ul style="list-style-type: none"> <li>- Agricultural Economics</li> </ul>
MSc	<ul style="list-style-type: none"> <li>- Agricultural Economics and Farm Management</li> </ul> <p><b>Options:</b></p> <ul style="list-style-type: none"> <li>Agricultural and Food Marketing</li> <li>Agricultural and Rural Development</li> <li>Production and Economics and Farm Management</li> </ul>

#### Faculty of Renewable Natural Resources

MSc	<ul style="list-style-type: none"> <li>- GISNATUREM ( Geo- Information Services and Natural Resource Management) in collaboration with ITC, Enscheda, Netherlands.</li> <li>- Wood Technology and Management</li> </ul>
MSc/MPhil/PhD	<ul style="list-style-type: none"> <li>- Advance Ecology</li> <li>- Agroforestry Concepts, Systems Technologies and Practices</li> </ul>

	<ul style="list-style-type: none"> <li>- Agroforestry Multipurpose Trees</li> <li>- Economics and Agroforestry</li> <li>- Extension Methodology</li> <li>- Introduction to Principles of Crop Production</li> <li>- Introduction to Principles of Livestock Production</li> <li>- Land Use Analysis and Classification</li> </ul>
MPhil	<ul style="list-style-type: none"> <li>- Furniture Design and Production</li> <li>- Wildlife and Range Management</li> <li>- Wood Science</li> <li>- Wood Technology</li> <li>- Wood Science and Technology</li> </ul>
MPhil/PhD	<ul style="list-style-type: none"> <li>- Aquaculture</li> <li>- Aquaculture and Environment</li> <li>- Aquaculture and Water Resources Management</li> <li>- Aquatic Resources Management</li> <li>- Fisheries Science and Management</li> <li>- Natural Resource and Environmental Governance</li> <li>- Silviculture and Forest Management</li> <li>- Wood Science and Technology</li> <li>- Watershed Management</li> </ul>
PhD	<ul style="list-style-type: none"> <li>- Wildlife and Range Management</li> <li>- Timber Engineering</li> <li>- Furniture Design and Production</li> <li>- Wood Technology</li> <li>- Wood Science and Technology</li> </ul>

## COLLEGE OF ART AND BUILT ENVIRONMENT

### Faculty of Art

Department of Communication Design  
Department of General Art Studies  
Department of Industrial Art  
Department of Integrated Rural Art and Industry

Department of Painting and Sculpture  
Department of Publishing Studies

**Faculty of Built Environment**

Department of Architecture  
Department of Building Technology  
Department of Land Economy  
Department of Planning

**Research Centres**

Centre for Settlement Studies(CSS)  
Land Administration Research Centre (LARC)

The following programmes are available in the College:

**UNDERGRADUATE PROGRAMMES**

**Faculty of Art**

BA Communication Design  
BA Fashion Design  
BA Industrial Art (Ceramics & Metals Option)  
BA Integrated Rural Art Industry  
BA Publishing Studies  
BA Textile Design and Technology  
BFA Painting  
BFA Sculpture

**Faculty of Built Environment**

BSc Architecture  
BSc Construction Technology and Management  
BSc Development Planning  
BSc Human Settlement Planning  
BSc Land Economy  
BSc Quantity Surveying and Construction Economics  
BSc Real Estate Management

**GRADUATE PROGRAMMES**

**Faculty of Art**

MA	- Communication Design
MA	- Integrated Art
MA	- Publishing Studies
MFA	- Painting
	- Painting and Sculpture
	- Sculpture



	- Ceramics
	- Textile Design
	- Jewellery and Metalsmithing
MPhil	- Communication Design
MPhil	- Art Education
	- African Art and Culture
MPhil	- Integrated Art
PhD	- Painting
	- Painting and Sculpture
	- Sculpture
PhD	- Art Education
	- African Art and Culture

### **Faculty of Built Environment**

M.Arch/MSc/MPhil/ PhD	- Architecture
MSc/MPhil/ PhD	- Construction Management
	- Procurement Management
	- Project Management
MSc.	- Land Governance and Policy
	- Facilities Management
	- Quantity Surveying and Construction Economics
	- Commercial Management
	- Development Planning and Management
	- Development Policy and Planning
MPhil/PhD	- Planning
	- Development Studies
MPhil	- Urban Management

## **COLLEGE OF ENGINEERING**

### **Faculty of Civil and Geo. Engineering**

Department of Civil Engineering

Department of Geomatic Engineering

Department of Geological Engineering

Department of Petroleum Engineering

## **Faculty of Electrical and Computer Engineering**

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

## **Research Centres**

Regional Water and Environmental Sanitation Centre, Kumasi (RWESCK)  
The Brew-Hammond Energy Centre (TBHEC)  
Technology Consultancy Centre (TCC)  
West Africa Science Service Centre on Climate Change and Adapted Land Use (WASSCAL)

The following programmes are available in the College:

## **UNDERGRADUATE PROGRAMMES**

BSc Aerospace Engineering  
BSc Agricultural Engineering  
BSc Biomedical Engineering  
BSc Chemical Engineering  
BSc Civil Engineering  
BSc Computer Engineering  
BSc Electrical & Electronic Engineering  
BSc Geological Engineering  
BSc Geomatic Engineering  
BSc Materials Engineering  
BSc Metallurgical Engineering  
BSc Mechanical Engineering  
BSc Petroleum Engineering  
BSc Petrochemical Engineering  
BSc Telecommunications Engineering

## **GRADUATE PROGRAMMES**

MSc/MPhil/PhD	- Agricultural Engineering
	- Agricultural Machinery Engineering
	- Agro-Environmental Engineering
	- Bioengineering
MPhil/PhD	- Food and Postharvest Engineering
	- Soil and Water Engineering
MPhil/PhD	- Civil Engineering
MSc/MPhil/PhD	- Chemical Engineering
MSc /MPhil	- Environmental Resources Management
MPhil	- Materials Engineering
PhD	- Materials Engineering
MPhil/PhD	- Electrical/Electronic Engineering

	- Telecommunication Engineering
	- Computer Engineering
MSc/MPhil/PhD	- Geomatic Engineering
MPhil	- GIS
MPhil/PhD	- Geological Engineering
MSc	- Geophysical Engineering
MSc/MPhil/PhD	- Mechanical Engineering (Thermofluids & Energy Systems Engineering; Design and Manufacturing; Applied Mechanics)
MSc/MPhil	- Renewable Energy Technologies
PhD	- Sustainable Energy Technologies
MSc	- Road and Transportation Engineering
MSc	- Water Supply and Environmental Sanitation
MSc	- Geotechnical Engineering
MSc	- Structural Engineering
PMEng	- Industrial Operations Engineering
	- Municipal Engineering
	- Building Services Engineering
	- Energy Systems
	- Oil and Gas ( Mid and Downstream Option)
MReTs	- Renewable Energy Technologies

## **COLLEGE OF HEALTH SCIENCES**

### **Faculty of Pharmacy and Pharmaceutical Sciences**

Department of Pharmacy Practice

Department of Herbal Medicine

Department of Pharmaceutical Chemistry

Department of Pharmaceutics

Department of Pharmacognosy

Department of Pharmacology

**School of Medical Sciences**

Department of Anaesthesiology and 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

**\*The Department of Pharmacology of the Faculty of Pharmacy and Pharmaceutical Sciences continues to be an integral part of the School in the training of Medical Doctors.**

**Faculty of Allied Health Sciences**

Department of Medical Laboratory Technology

Department of Nursing

Department of Sonography

Department of Sports and Exercise Science

**Dental School**

Department of Adult Oral Health

Department of Basic and Diagnostic Oral Health

Department of Child Oral Health and Orthodontics

Department of Community Dentistry

Department of Oral and Maxillofacial Sciences

**School of Public Health**

Department of Epidemiology and Biostatistics

Department of Global and International Health

Department of Health Policy, Management and Economics

Department of Health Promotion and Education

Department of Occupational and Environmental Health

Department of Population, Family and Reproductive Health

### **School of Veterinary Medicine**

Department of Veterinary Clinical Studies

Department of Veterinary Anatomy and Physiology

Department of Veterinary Pathobiology

Department of Veterinary Public Health; Food Hygiene and Food Safety

### **Research Centre**

Kumasi Centre for Collaborative Research in Tropical Medicine (KCCR)

The following programmes are available in the College:

## **UNDERGRADUATE PROGRAMMES**

### **Faculty of Pharmacy and Pharmaceutical Sciences**

Bachelor of Herbal Medicine

Pharm D

### **Faculty of Allied Health Sciences**

BSc Emergency Nursing

BSc Medical Laboratory Technology

BSc Midwifery

BSc Nursing

BSc Sonography

BSc Sports and Exercise Science

### **Dental School**

BDS (Dental Surgery)

### **School of Veterinary Medicine**

Doctor of Veterinary Medicine

### **School of Medical Sciences**

BSc. Human Biology (MBChB)

BSc. Disability and Rehabilitation Studies

BSc. Physician Assistant (Anaesthesia)

## **GRADUATE PROGRAMMES**

### **Faculty of Pharmacy and Pharmaceutical Sciences**

MSc	-	Pharmaceutical Analysis and Control
MSc/MPhil/PhD	-	Clinical Pharmacy
MPharm/MPhil/PhD	-	Clinical Pharmacology
	-	Immuno-Pharmacology
	-	Narcotic Analgesic Drugs and Dependence
	-	Natural Product Pharmacology
	-	Relational Drug Use
MPhil/PhD	-	Pharmaceutical Chemistry
MPhil/PhD	-	Pharmaceutics
MPhil/PhD	-	Pharmaceutical Microbiology
MPhil/PhD	-	Pharmacognosy

**School of Medical Sciences**

MSc	-	Disability, Rehabilitation & Development
MSc/MPhil/PhD	-	Clinical Microbiology
MSc/MPhil/PhD	-	Chemical Pathology
MPhil	-	Anatomy
MPhil/PhD	-	Clinical Immunology
PhD	-	Community Health
MPhil	-	Physiology

**School of Public Health**

MSc/MPH	-	Health Services, Planning and Management
MSc/MPH	-	Health Education & Promotion
MSc/MPH	-	Population and Reproductive Health

**COLLEGE OF HUMANITIES AND SOCIAL SCIENCES****Faculty of Social Sciences**

Department of Economics  
Department of English  
Department of Geography and Rural Development  
Department of History and Political Studies  
Department of Modern Languages

Department of Religious Studies  
Department of Sociology and Social Work

**Faculty of Law**

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

**KNUST School of Business**

Department of Accounting and Finance  
Department of Supply Chain and Decisions Sciences  
Department of Human Resource and Organizational Development  
Department of Marketing and Corporate Strategy

**Research Centre**

Centre for Cultural and African Studies (CeCASt)

The following programmes are available in the College:

**UNDERGRADUATE PROGRAMMES**

**Faculty of Social Sciences**

BA Akan  
BA Culture and Tourism  
BA Economics  
BA English  
BA French  
BA Geography and Rural Development  
BA History  
BA Political Studies  
BA Religious Studies  
BA Social Work  
BA Sociology

**KNUST School of Business**

BSc Business Administration  
BSc in Hospitality and Tourism Management

**Faculty of Law**

LLB Bachelor of Law

**GRADUATE PROGRAMMES**

**Faculty of Social Sciences**

EMMM	- Executive Masters in Ministry and Management
MA	- Economics
MA	- Geography and Rural Development

MPhil	- Geography and Rural Development
MA	- Comparative Literature
MA/MPhil	- Sociology
MPhil/PhD	- Religious Studies
MPhil/PhD	- English
MPhil/PhD	- French
MPhil/PhD	- Economics
MPhil/PhD	- History
MPhil/PhD	- Political Studies
PhD	- Sociology
PhD	- Organisational Leadership
MPhil/PhD	- Business and Management

### **School of Business**

EMBA	- Executive Masters in Business Administration
MBA	- Master of Business Administration
PhD	- Business Administration

### **Faculty of Law**

LLM	- Law
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## **COLLEGE OF SCIENCE**

### **Faculty of Biosciences**

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



## Faculty of Physical and Computational Sciences

Department of Chemistry  
Department of Computer Science  
Department of Mathematics  
Department of 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; and,
- Centre for Science Product Development and Research Uptake

The following programmes are available in the College:

## UNDERGRADUATE PROGRAMMES

BSc Actuarial Science  
BSc Biochemistry  
BSc Biological Science  
BSc Chemistry  
BSc Computer Science  
BSc Environmental Science  
BSc Mathematics  
BSc Meteorology and Climate Science  
BSc Physics  
BSc Statistics  
Doctor of Optometry (OD)

## GRADUATE PROGRAMMES

MPhil/MSc/PhD	-	Chemistry
MPhil/PhD	-	Biochemistry
MSc/MPhil	-	Biotechnology
MPhil/MSc/PhD	-	Computer Science
MPhil/MSc/PhD	-	Food Science and Technology
MSc	-	Food Quality Management
MSc/MPhil	-	Forensic Science
MSc/MPhil	-	Human Nutrition and Dietetics
MSc/PhD	-	Applied Mathematics
MPhil/PhD	-	Animal/Plant Physiology
	-	Ecology
	-	Entomology
	-	Experimental Taxonomy
	-	Genetics
	-	Limnology and Fisheries
	-	Microbiology
	-	Parasitology
	-	Plant Pathology (TAB)
MPhil/MSc/PhD	-	Environmental Science
MPhil/PhD	-	Reproductive Biology

MSc/MPhil	-	Actuarial Science
MPhil	-	Applied Mathematics
MPhil/PhD	-	Mathematical Statistics
	-	Pure Mathematics
	-	Polymer Science and Technology
MPhil/MSc/PhD	-	Environmental Physics
	-	Geophysics
	-	Material Science
	-	Nuclear Physics
	-	Solid State Physics
MPhil/MSc/PhD	-	Information Technology
MPhil/MSc/PhD	-	Biological Science
MSc	-	Industrial Mathematics
MPhil	-	Scientific Computing & Industrial Modeling
MSc	-	Applied Statistics

## **INSTITUTE OF DISTANCE LEARNING**

Centre for Distance and Continuing Education (CDCE)  
Centre for E-Learning Technology (CELT)

The following programmes are available in the Institute:

### **UNDERGRADUATE PROGRAMMES**

BA Sociology(Top-Up)

BA Social Work(Top-Up)  
 BSc Actuarial Science (Top-Up)  
 BSc Agricultural Engineering (Top-Up)  
 BSc Business Administration (Top-Up)  
 BSc Chemical Engineering (Top-Up)  
 BSc Computer Engineering (Top-Up)  
 BSc Computer Science (Top-Up)  
 BSc Construction Technology & Management (Top-Up)  
 BSc Electrical/ Electronic Engineering (Top-Up)  
 BSc Geomatic Engineering(Top-Up)  
 BSc Information Technology (Top-Up)  
 BSc Mechanical Engineering (Top-Up)  
 BSc Petroleum Engineering (Top-Up)  
 BSc Physics(Top-Up)  
 BSc Quantity Surveying & Construction Economics (Top-Up)  
 BSc Statistics (Top-Up)  
 BSc Telecommunication Engineering (Top-Up)  
 Diploma in Architectural Technology

## GRADUATE PROGRAMMES

CEMBA	-	Commonwealth Executive Masters in Business Administration
CEMPA	-	Commonwealth Executive Masters in Public Administration
MBA Specialization (For CEMBA/CEMPAGraduates)		
MA	-	Sociology
MBA	-	International Business (E-Learning)
Med	-	Master of Education Degree
MSc./MPhil	-	Accounting
MSc.	-	Actuarial Science
MSc.	-	Applied Statistics
MSc.	-	Business Consulting and Enterprise risk Management
MSc.	-	Development Management
MSc.	-	Economics
MSc.	-	Educational Innovation and Leadership Science
MSc.	-	Environmental Science
MSc.	-	Food Quality Management
MSc./Mphil	-	Forensic Science
MSc./Mphil	-	Health Informatics
MSc.	-	Human Nutrition and Dietetics
MSc/MPhil	-	Industrial Finance and Investment
MSc.	-	Industrial Mathematics
MSc.	-	Information Technology (E-Learning)
MSc/MPhil	-	Information Technology
MSc/MPhil	-	Logistics and Supply Chain Management
MPhil	-	Materials Science
MPhil	-	Meteorology and Climate Science
MSc./MPhil	-	Mineral and Groundwater Exploration Geophysics
MSc.	-	Petroleum Geophysics

MSc.	-	Post Harvest Technology
MSc.	-	Project Management
MPhil	-	Political Science
MPhil	-	Solid State Physics
MPA	-	Master in Public Administration
PgD.	-	Information Technology (E-Learning)
PgDE	-	Education
Master of Finance and Control (E-Learning)		

## **EDUCATIONAL PARTNERSHIPS AND COLLABORATIONS**

The University has long maintained fruitful collaborations and partnerships with leading educational institutions in the region and around the world. There exist collaborations between KNUST and several universities among which are: Massachusetts Institute of Technology, University of Newcastle upon Tyne, Harvard University, Howard University, North Carolina A & T State University, Ecole de Beaux-Arts, University of Bristol, Manchester University, University of Birmingham, University of California, University of Bremen, Bronx Community College of the University of New York, Skyline University College, Sharjah and many more. The various universities exchange staff and students for mutual benefit. Other benefits include research collaborations with Faculty and granting of scholarships to students.

The University has also established partnerships with institutions in Ghana, such as Valco Trust Fund, Unilever Ghana Limited, Standard Chartered Bank Ghana, AngloGold Ashanti, Volta River Authority, Ghana Telecom, Mobil Oil Ghana, Ghana Association of Bankers, GNPC-Technip Engineering Services Limited, Ghana Angel Investor Network and many more. These institutions support the University in various ways, including giving financial assistance to

students for their project work.

## ***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 cutting edge 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.*

*The Centre is responsible for collaborating with professional bodies, event organisers, fund managers among others in the design, execution and evaluation of a comprehensive and strategic plan to identify the scope and members of a portfolio of corporate and community sponsors and partners.*

*The Centre for Business Development has now introduced new professional certificate training courses ranging from business management to paralegal for its clientele. These courses are designed to run for two or maximum of four days depending on the subject topic. The unit which recently commenced its activities after the board's approval is dedicated to offer a range of short courses that will boost good practices in business and offices. The unit seeks to bridge the gap between what is thought in the classroom and the practical skills needed on the job or at the work place.*

*On the 25<sup>th</sup> and 26<sup>th</sup> of May 2016, the unit successfully organised its maiden professional certificate training course in Public Sector Procurement Practices for the university's suppliers.*

### **Departments**

- *Academia-Industry-Government Linkages*
- *Innovations in Entrepreneurship*
- *Kumasi Business Incubator (KBI)*
- *Public-Private Partnerships*
- *SME Development*
- *Professional Training Courses Unit*

### **Contacts**

*Email: [cbd@knust.edu.gh](mailto:cbd@knust.edu.gh) / [kbi@knust.edu.gh](mailto:kbi@knust.edu.gh)*

*Tel: 0322060952*

*Tel/Fax: 0322060953*

## **UNIVERSITY LIBRARY SYSTEM**

The KNUST Library system comprises the Main (Prempeh II) Library and six College Libraries which collaborate to provide timely and relevant information resources to support teaching, learning and research in the university.

### **Book Stock**

Main (Prempeh II) Library	15,4262
College of Agric and Natural Resources	12,607
College of Engineering	9,208
College of Science	14,023
College of Art and Built Environment	14,147
College of Health Sciences	11,553
College of Humanities and Social Sciences	9,928
<b>Total</b>	<b>225,728</b>

## Journal Subscription

The Library provides access to over 35,000 electronic journals from 50 academic databases and more than 100 million full text documents, bibliographic information, abstracts, book reviews etc. It also holds about 800 periodical titles.

## Research and Learning Commons

The Research Commons provides space for faculty and postgraduate to share knowledge and engage their peers in dialogue, debate and reflection. The Research Commons records about 3,905 visitors, averaging 60 visitors a day.

About 7,226 undergraduate students visit the learning Commons which translates to about 90 visitors per day. Visitors are given research support including databases search, plagiarism check, self-archiving, etc.

## Institutional Repository

The documents in the repository are categorized as follows:

Thesis	8,180
Conference Proceedings	238
Journal of Science and Technology (JUST)	371
Research Articles	1,235
Speeches	338
KCCR	70
<b>Total</b>	<b>10,420</b>

KNUSTSpace is ranked 11<sup>th</sup> in Africa according to January 2017 webometric ranking.

## Library Support

- **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.



- **Distance Learning:** Responsible for induction of distance learners, oversight responsibility for learning centers across the country, procurement of learning resource materials for distance learning students, coordinating training activities for distance learners, and dealing with all enquiries emanating from distance learners.
- **IT and Digital Library Services:** Responsible for training undergraduates, post-graduates and faculty in the use of online academic databases, the institutional repository (KNUSTSpace) and reference management software such as NVivo, AtlasTi and Turnitin.

Information about the Library, its services and staff can be obtained from the website; [www.knust.edu.gh](http://www.knust.edu.gh) or on telephone; 03220 60133/60199

## **UNIVERSITY PRINTING PRESS (UPK)**

The University Press (UPK) is one of the most distinguished University Presses in Ghana. The Press is known for its quality, innovative and distinctive designs. UPK provides the highest quality print products and superior services to its clients promptly, accurately and consistently. It publishes in diverse fields and offers the following services:

### **PRE-PRESS**

Graphic design services  
CTP Plate services, Image setter colour separation  
Typesetting and page layout services  
Plate making and processing  
Prof reading services  
Publishing (Macro/Microediting) services.

## **PRINTED MATERIALS**

Labels, posters, fliers  
Letterheads , business cards  
Certificates, Journals  
Brochures, Calendars  
TextBooks, Newsletters, Periodicals  
Magazines, Funeral Materials (Posters, Invitations/Brochures)  
Examination materials (Answer Sheets/ MCQ Forms)  
Handbills

## **BINDERY**

Rebinding services  
Case binding  
Thesis binding  
Bind-on-demand  
Blocking  
Perfect Binding

## **Instant Press**

Print-on-demand/ Copy Binding  
Speedmaster Impression Services

## **Consultancy**

Training in Print Production  
Editorial/Advisory Service

Tel: 03220 60150  
Fax: 03220 60137

## **UNIVERSITY RELATIONS OFFICE**

The University Relations Office (URO) is a division of the Office of the Registrar. The URO comprises five units namely: the Public Relations Unit, the Protocol Unit, Publications and Documentation Unit, Focus FM and the Alumni Office.

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. It 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 University Relations Office plays a vital facilitative role in all the major official University functions which includes congregation and matriculation ceremonies, as well as professorial inaugural lectures.

The Public Relations Unit of the URO handles media relations of the University. It is responsible for press statements and releases. It is also responsible for press cutting, information gathering and analysis. It organizes periodic perception studies, identifies and profiles various personalities for the University. It also regulates and controls notices, posters and banners which are intended at relaying information to the University community and the general public.

This unit also relates to internal and external publics through publicity. Internally, it links up through communication with various units of the university eg. Departments, Faculties, Colleges and Research units.

The Protocol Unit serves as a custodian of the University in terms of its history, culture and symbolic features e.g. university logo, etc. The unit plans and organizes official functions and ceremonies, such as congregation, inaugural lectures/open days, alumni congress, inter faculty lectures.

The Protocol Unit is also in charge of travels and tourism on campus. Again, it receives guests and visitors of the University.

The Publications and Documentation Unit (PDU) handles all publications of the University. Some of these include Technocrat Magazine, information on facilities, campus update, electronic newsletters etc. Policy decisions of the University are also published in the Recorder (official periodic publication of policies). Scholarly publications such as the Journal of Science and Technology (JUST) are published by the PDU. The unit publishes the Vice-Chancellor's Congregation Reports and other reports for the University. The management of the content of the KNUST website comes under this outfit. Information on research both ongoing and completed is disseminated through the Unit's activities.

The Alumni Office of the URO seeks to maintain constant networking with the Alumni of the University. This office, keeps alumni abreast with developments on campus and also markets the University. It is responsible for liaising with KNUST Alumni Associations, promoting membership drive of alumni, maintaining an alumni database, raising funds and other alumni matters.

Call 03220 60021 or Visit [www.knust.edu.gh/uro@knust.edu.gh](http://www.knust.edu.gh/uro@knust.edu.gh)

## **ALUMNI ASSOCIATION**

*The University has produced several graduates since 1962 who form the KNUST Alumni Association (The Teknokrats). There is an Alumni Centre on KNUST campus which coordinates all Alumni activities and provides a point of call and an interface between the University and the alumni. This office, keeps alumni abreast with developments on campus and also markets the University. It is responsible for liaising with KNUST Alumni Associations, promoting membership drive of alumni, maintaining an alumni database, raising funds and other alumni matters as well as support the University towards achieving its mandate.*

*The Association is organized through chapters which are in every region in Ghana. There are also chapters in the USA, Canada, UK and Australia. There are plans to inaugurate chapters in South Africa, Nigeria, Cameroon and the Gambia. Programmes organised by the chapter*

*includes: seminars, workshops, lectures, fun games, tours, breakfast meetings, dinners and cocktails etc.*

*The alumni are making giants strides in the development of not only the economy of Ghana but also Africa and countries outside Africa where alumni are found. In Ghana, for instance, Teknokrats constitute one of the largest skilled labour in the energy, telecommunication, engineering, construction and the education sectors. Most of Ghanaian trained pharmacists and professional artists are alumni of our University.*

*Teknocrats are found in the Municipal and District Assemblies in Ghana as planning officers, administrators, surveyors and architects. Many are found in Research Institutions, Regulatory Agencies and the various Government Ministries and Department as Research Scientists and Civil Servants. Many have also set up their own businesses and offer employment to several thousands.*

*Joining the Teknokrats provides a great platform and an opportunity for networking, referencing, receiving invaluable support, jobs, contracts, welfare services, etc. There is nothing better than belonging to a BIG family. Past students are advised to locate a chapter near them or one could start organizing other past students around and inform the alumni office.*

*Teknokrats-always make a difference. Be proud to be a member.*