



Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

FACTS AND FIGURES

KNUST 2016

Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

KNUST 2016

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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. The campus presents a panorama of beautiful and modern buildings interspersed with verdant lawns and tropical flora that provide cool and refreshing environment congenial for academic studies.

The University started awarding its degrees in June 1964. Initially, external examiners marked all degree examinations externally after they had been marked by internal examiners of the University. Currently, internal and external examiners examine all degree programmes. In addition, some programmes are reviewed by external moderators to ensure that high academic standards are maintained.

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 Hall Seven 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 (Paajoe), Gymnasium, an Olympic size Swimming Pool, Commercial and Banking facilities, Post Office, Places of worship and Guest houses.

The University can also boast of ultra modern science and engineering laboratories. Construction of new lecture theatres, offices etc are ongoing.

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 countries and other countries especially of the European Union and North America.

VISION AND MISSION STATEMENTS

Vision

The vision of KNUST is to advance knowledge in science and technology for sustainable development in Africa.

Mission

KNUST provides 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 also offers service to the community. It is open to all people and positions itself to attract scholars, industrialists and entrepreneurs from Africa and the international community.

Core Values

KNUST is committed to attracting and developing excellent staff and students to achieve the challenging goals, targets and directions 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

KNUST being the premier Science and Technology University in the country, the study of technology is an essential part of our cultural heritage. High quality, state-of-the-art programmes and the embracing of future technologies are highly valued. The University staff value experiential instruction using modern laboratories to develop knowledge and skill. Also, the University through intellectual inquiry, exploration, and application, continually strive to break new grounds in science and technology to contribute towards the socio-economic development of the country and Africa.

Culture of Excellence

By this we seek excellence in all our endeavours and we are committed to continuous improvement. This means striving to do things better, setting challenging goals and continuously improving and innovating to deliver the best possible outcomes.

Diversity and Equal Opportunity for All

Diversity of people and thought is respected. The University values cultural diversity among its students, faculty and staff and is committed to the establishment of an atmosphere where individuals can get equal opportunities for challenge, self-development and freely learning and enabling others to learn, grow and lead. We believe in ethical and scholarly questioning in an environment that respects the rights of all, to freely pursue knowledge.

Integrity and Stewardship of Resources

KNUST is committed to accountability and responsibility in all actions and adhere to the highest standards of professional ethics and individual integrity. We are dedicated to the efficient and effective use of resources. We accept the responsibility of the public's trust and are accountable for our actions.

SHORT HISTORY

The Kwame Nkrumah University of Science and Technology (KNUST) started as the Kumasi College of Technology by a Government Ordinance on 6th October, 1951. It began formal operations on 22nd January, 1952, with 200 Teacher Training students who were relocated from Achimota College to form the pioneering students of the College. Before its accession to a University status in 1961, the College expanded enormously in academic disciplines and infrastructure. This began with the establishment of the School of Engineering and the Department of Commerce in October 1952, the Departments of Pharmacy and Agriculture in 1953, followed by the Department of General Studies, School of Agriculture, Town Planning and Building, and the Faculty of Science.

As the College developed, a decision was taken to make it a science and technology oriented institution. To this effect, the Teacher Training College, with the exclusion of the Art School, was transferred in January 1958 to the Winneba Training College and the Commerce Department was also relocated to Achimota College, to form the present University of Ghana Business School, Legon.

The Government of Ghana in December, 1960, appointed a University Commission to advise it on “the future of University Education in Ghana, in connection with the proposal to transform the University College of Education and the Kumasi College of Technology into independent Universities of Ghana.” The Government decided, based on the commission’s advice in 1961, 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 22nd August, 1961. The Kwame Nkrumah University of Science and Technology was formally inaugurated on Wednesday, 29th November, 1961. Its name was changed, after the overthrow of Dr. Kwame Nkrumah on February 24, 1966 to the University of Science and Technology, Kuamsi. The University has since March 2000, reverted to its original name.

Since its accession to a University status till present, the KNUST has undergone major transformations.

In October 1965, the Departments of Applied Physics, Applied Biochemistry and Chemical Technology were established; the name of the Faculty thus changed to the Faculty of Applied Science. In addition, a Department of Science was formed in the Faculty to teach sixth form science subjects. The University decided in November 1966 to reconstitute the Faculty to teach specialist courses in Biochemistry, Biology, Chemistry, Chemical Technology, Mathematics and Physics. At the same time, steps were taken to discontinue the Preliminary Science Courses, which ceased at the end of the 1968/69 Academic year.

Later, the Department of Chemical Technology was also transferred to the Faculty of Engineering under a new name, Chemical Engineering.

The School of Graduate Studies took over the Board of Postgraduate Studies in 2000, with the responsibility for coordinating postgraduate programmes in the University.

In October 2001, the School of Mines of KNUST in Tarkwa was elevated to a semi-autonomous institution called the Western University College. It has since October 2004 become a full-fledged university known as the University of Mines and Technology (UMaT).

In January 2005, the University was organised into Colleges to allow for greater academic and administrative autonomy.

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 current 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)

With the birth of University of Energy and Natural Resources, the Faculty of Forest Resource Technology has now 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

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	1985 – 1990
Mr. St. O. Gyimah-Kessie	1991 – 2000
Mrs. Sophia Quashie-Sam	2000 – 2006
Mr. Kobby Yebo-Okrah	2006 – 2015

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, University Librarian, Director of Works and Physical Development, Director of Health Services, Internal Auditor, Provosts of Colleges, 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.

THE COLLEGIATE SYSTEM

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.

ADMISSIONS

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, 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

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. In addition to the traditional courses, students are offered the opportunity to choose any of the sports electives, such as swimming, soccer, tennis and track and field.

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

Faculty of Renewable Natural Resources

MSc	<ul style="list-style-type: none">- GISNATUREM (Geo- Information Services and Natural Resource Management) in collaboration with ITC, Enscheda, Netherlands.
MSc/MPhil/PhD	<ul style="list-style-type: none">- Wood Technology and Management- Advance Ecology- Agroforestry Concepts, Systems Technologies and Practices- Agroforestry Multipurpose Trees- Economics and Agroforestry- Extension Methodology- Introduction to Principles of Crop Production- Introduction to Principles of Livestock Production- Land Use Analysis and Classification
MPhil	<ul style="list-style-type: none">- Furniture Design and Production- Wildlife and Range Management- Wood Science
MPhil/PhD	<ul style="list-style-type: none">- Wood Technology- Aquaculture- Aquaculture and Environment- Aquaculture and Water Resources Management- Aquatic Resources Management- Fisheries Science and Management- Natural Resource and Environmental Governance- Silviculture and Forest Management- Watershed Management
PhD	<ul style="list-style-type: none">- Wildlife and Range Management- Timber Engineering- Furniture Design and Production- Wood Technology

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

Institute of Land Management and Development (ILMAD)

- Centre for Settlement Studies(CSS)
- Land Administration Research Centre (LARC)
- **Centre of Excellence for Housing Studies*
- **For the time being this centre is under the Provost Office*

The following programmes are available in the College:

UNDERGRADUATE PROGRAMMES

Faculty of Art

- BA Communication Design
- BA Fashion
- BA Integrated Rural Art Industry
- BA Publishing Studies
- BA Textiles
- BFA Painting
- BFA Painting and Sculpture
- 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
MFA	- Painting
	- Painting and Sculpture
	- Sculpture
MPhil	- Communication Design
MPhil	- Art Education
	- African Art and Culture
MPhil	- Integrated Art
MPhil/PhD	- Painting
	- Painting and Sculpture
	- Sculpture
PhD	- Art Education
	- African Art and Culture

Faculty of Built Environment

M.Arch/MSc/MPhil	- Architecture
MPhil	- Planning
	- Development Studies
	- Settlement Planning
MSc	- Development Planning and Management
	- Development Policy and Planning
MSc	- Land Economy
MSc	- Procurement Management
	- Construction Management
MSc/MPhil/PhD	- Building Technology
MSc	- Urban Management Studies
PhD	- Building Technology
PhD	- Land Economy
	- Planning

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 Electronics Engineering
Department of Telecommunication Engineering

Faculty of Mechanical and Chemical Engineering

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

Research Centres

Regional Water and Environmental Sanitation Centre, Kumasi (RWESCK)
The Energy Centre (TEC)
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 Chemical Engineering
BSc Civil Engineering
BSc Computer Engineering
BSc Electrical & Electronic Engineering
BSc Geological Engineering
BSc Geomatic Engineering
BSc Materials Engineering
BSc Mechanical Engineering
BSc Petroleum Engineering
BSc Telecommunications Engineering
BSc Biomedical Engineering
BSc Petro Chemical Engineering
BSc Metallurgical Engineering

GRADUATE PROGRAMMES

MSc/MPhil/PhD	- Agricultural Engineering
	- Agricultural Machinery Engineering
	- Agro-Environmental Engineering
	- Bioengineering
MPhil/PhD	- Civil Engineering

MSc/MPhil/PhD	- Chemical Engineering
MSc /MPhil	- Environmental Resources Management
MPhil/PhD	- Electrical/Electronic Engineering
MSc	- Environmental Resources Management
	- Food and Postharvest Engineering
	- Soil and Water Engineering
MSc/MPhil/PhD	- Geodetic Engineering
MPhil/PhD	- Geological Engineering
MSc	- Geophysical Engineering
MSc/MPhil/PhD	- Mechanical Engineering
PhD	- Material Engineering
MPhil	- Material Engineering
MSc	- Road and Transportation Engineering
MSc	- Thermofluids and Energy Systems 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 Clinical and Social Pharmacy
- 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 Sciences

Dental School

- Department of Adult Oral Health
- Department of Basic and Diagnostic Oral Health Sciences
- 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 Clinical Studies
Department of Veterinary Anatomy and Physiology
Department of Veterinary Pathobiology
Department of Veterinary Pharmacology and Toxicology
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

Bachelor of Herbal Medicine
BPharm (Pharmacy)
Pharm D

School of Medical Sciences

BSc Emergency Nursing
BSc Medical Laboratory Technology
BSc Midwifery
BSc Nursing
BSc Sonography
BSc Sports and Exercise Science
BDS (Dental Surgery)
Doctor of Veterinary Medicine (DVM)
BSc Human Biology (May be followed with the 3-year Clinical Programme leading to the MB ChB Degree)
BSc Disability and Rehabilitation Studies
BSc. Physician Assistant (Anaesthesia)

GRADUATE PROGRAMMES

Faculty of Pharmacy and Pharmaceutical Sciences

MSc	-	Pharmaceutical Analysis and Quality Control
MSc/MPhil/PhD	-	Clinical Pharmacy
MPharm/MPhil/PhD	-	Clinical Pharmacology
	-	Immuno-Pharmacology
	-	Narcotic Analgesic Drugs and Dependence
	-	Natural Product Pharmacology

MPhil/PhD	-	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
MSc/MPH	-	Health Services Planning and Management
MSc/MPH	-	Health Education & Promotion
MSc/MPH	-	Population and Reproductive Health
MPhil	-	Anatomy
MPhil/PhD	-	Clinical Immunology
PhD	-	Community Health
MPhil	-	Physiology

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 Information Systems and Decision 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

KNUST 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

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, Innovations 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 Sciences
BSc Chemistry
BSc Computer Science
BSc Environmental Science
BSc Food Science and Technology
BSc Mathematics
BSc Meteorology and Climate Science
BSc Physics
BSc Statistics
Doctor of Optometry (OD)

GRADUATE PROGRAMMES

MPhil /PhD	-	Analytical Chemistry
	-	Environmental Chemistry
	-	Inorganic Chemistry
	-	Organic Chemistry
	-	Physical Chemistry
MPhil/PhD	-	Biochemistry

MSc	-	Biotechnology
MPhil	-	Computer Science
MSc/PhD/MPhil	-	Food Science and Technology
MSc	-	Food Quality Management
MSc/MPhil	-	Forensic Science
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
	-	Pollination and Ecology of Crop Plants
MSc	-	Environmental Science
	-	Reproductive Biology
MPhil	-	Actuarial Science
	-	Applied Mathematics
	-	Mathematical Statistics
	-	Pure Mathematics
MPhil/PhD	-	Polymer Science and Technology
MSc/MPhil/PhD	-	Environmental Physics
	-	Geophysics
	-	Material Science
	-	Nuclear Physics
	-	Solid State Physics

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)		

FACULTY AND STAFF

KNUST Faculty teaches undergraduate and graduate students and engages in research. There are **832** Academic staff members and **151** Senior members (Administrative and Professionals). The majority of the Faculty are highly qualified Ghanaians. The University's total teaching staff includes:

Professors	19
Visiting Professor	1
Associate Professors	53
Senior Lecturers	211
Senior Research Fellows	11
Lecturers	424
Visiting Lecturers	2
Research Fellows	13
Assistant Research Fellows	7
Assistant Lecturers	52
Technical Instructors	17
Other Academic Staff	22
Total (Senior Members Academic)	832
Senior Members (Administrative and Professionals)	151
Total of Senior Members	983
Senior Staff	1,133
Junior Staff	1,327
Grand Total of Staff	3443

These numbers exclude Part time faculty of various ranks. KNUST therefore employs **3443** individuals on campus.

Source: HRD, KNUST

STUDENT ENROLMENT 2015/2016

The student population for the University currently stands at **42,590** out of which **36,807** are undergraduate students and **5,783** graduate students. This includes students from the Institute of Distance Learning.

Source: QAPU, KNUST

EDUCATIONAL PARTNERSHIPS AND COLLABORATIONS

KNUST has long maintained fruitful collaborations and partnerships with leading educational institutions in the region and around the world. There exist collaborations between KNUST and the following Universities: 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, 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, 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 25th and 26th 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 / kbi@knust.edu.gh

Tel: 0322060952

Tel/Fax: 0322060953

UNIVERSITY LIBRARY SYSTEM

The KNUST Library system consists of the Main Library and six College Libraries namely;

- Agriculture and Natural Resources
- Art and Built Environment
- Engineering
- Health Science
- Humanities and Social Science and
- Science

The total collection of bookstock held by the University Library System is **231,710** volumes. The Libraries also subscribes to **51** active academic databases containing over **35,000** online journals and more than **100,000.000** full text document, bibliographic information, abstracts and book reviews.

KNUST libraries provide training to staff and students on how to access library resources and offer assistance on research projects to faculty members researchers and students.

Furthermore, information about each library, its services and staff can be obtained from the website: library.knust.edu.gh or on telephone: 03220 60133/60199 email: library@knust.edu.gh

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
- Image setter colour separation
- Typesetting and page layout services
- Plate making and processing
- Proof reading services

PRINTED MATERIALS

- Labels, posters, fliers
- Letterheads , business cards
- Certificates, Journals
- Brochures, Calendars
- Books, Newsletters
- Magazines
- Examination materials

BINDERY

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

Instant Press

- Print-on-demand/ Copy Binding

Consultancy

- Training in Print Production
- 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 four units namely: the Public Relations Unit, the Protocol Unit, Publications and Documentation Unit and the Alumni Office. Its major responsibilities are to project and maintain the good image of the University. It serves as a link between the University, other Universities, corporate bodies and the public.

The URO 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. It oversees the operations of the official campus radio station, Focus FM.

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. Also it 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 universities e.g. Research units, Departments/Faculties and Colleges.

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 matriculation, congregation, inaugural lectures/open days, alumni congress, inter faculty as well as professorial inaugural lectures. The 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. It houses the national Secretariat of the Alumni Association.

For further information about the Office,

Call 03220 60021 or Visit the website: 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 organised through chapters. There are chapters 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 chapters include seminars, workshops, lectures, fun games, tours, breakfast meetings, dinners and cocktail, etc.

The alumni are making giant 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 Education sectors. Most of Ghanaian trained pharmacists and professional artists are alumni of our University.

Teknokrats are found in the Municipal and District Assemblies in Ghana as planning officers, administrators, surveyors and architects. Many are found in the Research Institutions, Regulatory Agencies and the various Government Ministries and Departments 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, 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 organising other past students around and inform the alumni office.

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

