



Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

## **FACTS AND FIGURES**

KNUST 2014

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

KNUST 2014

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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. Under the new system, the various Faculties have been 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 Science (CHS)

College of Science (CoS)

The Faculty of Forest Resource Technology at Sunyani which was part of the College of Agriculture and Natural Resources has since June 2012, become a full-fledged University known as the University of Energy 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 - 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, 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.

## **COLLEGES**

### **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 Agro forestry
- 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 (Sunyani Campus)**

- 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 (BIRD)
- Centre for Biodiversity Utilisation and Development (CBUD)
- KNUST Dairy/ Beef Cattle Research Station
- KNUST Agriculture Research Station

### **COLLEGE OF ARCHITECTURE AND PLANNING**

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

#### **Research Centres**

- Centre for Land Studies
- Centre for Settlements Studies

### **COLLEGE OF ART AND SOCIAL SCIENCES**

#### **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 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 Social Work  
Department of Sociology

**KNUST School of Business**

Department of Accounting and Finance  
Department of Information Systems and Decision Sciences  
Department of Managerial Sciences  
Department of Marketing and Corporate Strategy

**Faculty of Law**

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

**Research Centre**

Centre for Cultural and African Studies (CeCAST)

**COLLEGE OF ENGINEERING**

Department of Aerospace Engineering  
Department of Agricultural Engineering  
Department of Chemical Engineering  
Department of Civil Engineering  
Department of Computer Engineering  
Department of Electrical Engineering  
Department of Geological Engineering  
Department of Geomatic Engineering  
Department of Materials Engineering  
Department of Mechanical Engineering  
Department of Petroleum Engineering

**Research Centres**

Technology Consultancy Centre (TCC)  
The Energy Center

**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 Ear, Eye, 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 Science

Department of Child Oral Health and Orthodontics

Department of Community Dentistry

Department of Maxillofacial Sciences

### **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)

**COLLEGE OF SCIENCE**

Department of Biochemistry and Biotechnology

Department of Chemistry

Department of Computer Science

Department of Mathematics

Department of Optometry and Visual Science

Department of Physics

Department of Theoretical and Applied Biology

**Research Centre**

Institute of Science and Technology for Africa (ISTA)

National Centre for Mathematical Sciences (NCMS)

Statistical Consulting Lab.

**INSTITUTE OF DISTANCE LEARNING**

Centre for Distance and Continuing Education (CDCE)

Centre for E-Learning Technology (CELТ)

## **FACULTY AND STAFF**

KNUST Faculty teaches undergraduate and graduate students, and engages in research. There are **950** academic staff members and **132** senior members (Administrative and Professionals). The majority of the Faculty are highly qualified Ghanaians. The University's total teaching staff includes:

Professors	22
Associate Professors	56
Senior Lecturers	179
Senior Research Fellows	12
Lecturers	539
Research Fellows	19
Assistant Research Fellows	6
Assistant Lecturers	93
Technical Instructors	24
<b>TOTAL</b>	<b>950</b>

Senior Members Administrative and Professionals **132**

Senior Members	1,082
Senior Staff	1,045
Junior Staff	1,574
<b>Grand Total</b>	<b>3,701</b>

These numbers exclude Part time faculty of various ranks and alumni Professors from worldwide universities.

KNUST therefore employs **3,701** individuals on campus.

## **STUDENT ENROLMENT 2013/2014**

The student population for the University currently stands at: **45,580**. Out of which **38,439** are undergraduate students and **7,141** graduate students. This includes students from the Institute of Distance Learning.

## **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-April and obtainable from all Regional Post Offices throughout the country. International students apply solely online. ([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. In addition to the traditional courses, students are offered the opportunity to choose any of the sports electives, such as swimming, soccer, tennis, jogging and fitness, badminton, handball, karate, basketball, volleyball, track and field, and taekwando.

The following programmes are available in the respective Colleges of the University:

### **COLLEGE OF AGRICULTURE AND RENEWABLE NATURAL RESOURCES**

- BSc Agricultural Biotechnology
- BSc Agriculture
- BSc Aquaculture and Water Resources Management
- BSc Dairy & Meat Sciences Technology
- BSc Forest Resources Technology (Sunyani Campus)
- BSc Landscape Design and Management
- BSc Natural Resources Management
- BSc Post-Harvest Technology
- BSc. Agribusiness Management

### **COLLEGE OF ARCHITECTURE AND PLANNING**

- 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

### **COLLEGE OF ART AND 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 Sociology
- BA Social Work
- BA Communication Design
- BA Industrial Art
- BA Integrated Rural Art and Industry
- BA Publishing Studies
- BFA Painting and Sculpture

BSc Business Administration  
LLB Bachelor of Laws

### **COLLEGE OF ENGINEERING**

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 (Geodetic)  
BSc Materials Engineering  
BSc Mechanical Engineering  
BSc Petroleum Engineering  
BSc Telecommunications Engineering  
BSc Biomedical Engineering  
BSc Petro Chemical Engineering

### **COLLEGE OF HEALTH SCIENCES**

BPharm (Pharmacy)  
Bachelor of Herbal Medicine  
Pharm D  
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)  
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)

### **COLLEGE OF SCIENCE**

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)

#### **INSTITUTE OF DISTANCE LEARNING**

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 Quantity Surveying & Construction Economics (Top-Up)  
BSc Statistics (Top-Up)  
BA Sociology & Social Work  
BSc Telecommunication Engineering (Top-Up)  
Diploma in Architectural Technology

## 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, which lead to the award of the following degrees:

### AGRICULTURE AND NATURAL RESOURCES

MPhil/PhD	- Aquaculture and Environment
MPhil/PhD	- Aquatic Resources Management
MSc/MPhil/PhD	- Agroforestry
MPhil/PhD/MSc	- Agricultural Economics
MSc	- Agricultural Economics and Farm Management
	Options:
	Agricultural and Food Marketing
	Agricultural and Rural Development
	Production and Economics and Farm Management
MSc/MPhil/PhD	- Animal Breeding and Genetics
	- Animal Nutrition
	- Animal Physiology
	- Reproductive Physiology
MPhil	- Agronomy
	• Crop Physiology
	• Crop Production
	• Grassland and forage Management
	• Weed Science
MPhil/PhD	- Aquaculture
	- Watershed and Fisheries Management
MPhil/PhD	- Crop Protection
	• Entomology
	• Nematology
	• Plant Pathology
	• Plant Virology
	- Floriculture
	- Plant Breeding
	- Soil Science
MPhil/PhD	- Fisheries Science & Watershed Management
MSc	- GISNATUREM (Geo-information services and natural resources management) in collaboration with ITC, Enschede, Netherlands.
MSc/MPhil	- Fruit Crop Production (or Pomology)
	- Landscape Studies (Planning, Management, Science and Design)
PhD	- Landscape Science and Ecology
	- Ornamental Horticulture
MSc/MPhil	- Meat Science

MPhil/PhD	- Natural Resources and Environmental Governance
	- Silviculture and Forest Management
MSc/MPhil/PhD	- Horticultural Biotechnology
	- Post Harvest Technology
	- Post Harvest Physiology
	- Seed Science and Technology
	- Vegetable Crop Production (Olericulture)
MPhil/PhD	- Wildlife and Range Management
MSc	- Wood Technology and Management
MPhil	- Wood Science, or Wood Technology
PhD	- Wood Technology, Timber Engineering and Wood Furniture Design

### **COLLEGE OF ARCHITECTURE AND PLANNING**

MSc	- Architectural Design
MPhil	- Conservation of the Built Environment
MSc/MPhil/PhD	- Construction Economics
	- Construction Management
	- Construction Project Management
	- Construction Technology
	- Procurement Management
MSc	- Development Policy and Planning (DEPP)
MPhil/PhD	- Development Studies (by research)
MSc	- Development Planning and Management (SPRING Programme)
MSc	- Environmental Design
MPhil	- Housing Studies
MPhil	- Land Management
PhD	- Land Economy
MArch	- Master of Architecture
MPhil/PhD	- Planning (By research)

### **COLLEGE OF ART AND SOCIAL SCIENCES**

MA/MPhil/PhD	- Art Education
MA/MPhil/PhD	- African Art and Culture
MA	- Comparative Literature
MFA	- Communication and Design
Msc.	- Economics (One year)
MPhil/PhD	- Economics
EMBA	- Executive Masters in Business Administration
MA	- Economics
EMMM	- Executive Masters in Ministry and Management
MPhil/PhD	- English
MPhil/PhD	- French
MA	- Geography and Rural Development
MFA/MPhil	- Integrated Arts
MA/ MPhil	- Integrated Arts
MBA	- Master of Business Administration

MA	- Publishing Studies (2 years)
MFA/PhD	- Painting, Sculpture and Painting/Sculpture
MFA	- Ceramics
	- Jewellery and Metal Smithing
	- Textiles Design
PhD	- Business Administration

## **COLLEGE OF ENGINEERING**

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
MPhil/PhD	- Mechanical Engineering
PhD	- Material Engineering
MPhil	- Material Engineering
MSc	- Road and Transportation Engineering
MSc	- Thermofluids Engineering
MSc	- Water Supply and Environmental Sanitation

## **COLLEGE OF HEALTH SCIENCES**

MPhil	- Anatomy
MPhil/PhD	- Clinical Immunology
PhD	- Community Health
MSc/MPhil/PhD	- Clinical Pharmacy
MSc/MPhil/PhD	- Clinical Microbiology
MSc/MPhil/PhD	- Chemical Pathology
MSc	- Disability, Rehabilitation & Development
MSc/MPH	- Health Services Planning and Management
MSc/MPH	- Health Education & Promotion
MPharm/MPhil/PhD	- Clinical Pharmacology
	- Immuno-Pharmacology
	- Narcotic Analgesic Drugs and Dependence
	- Natural Product Pharmacology
	- Relational Drug Use
MSc	- Pharmaceutical Analysis and Quality Control
MPhil/PhD	- Pharmaceutical Chemistry
MPhil/PhD	- Pharmaceutics
MPhil/PhD	- Pharmaceutical Microbiology

MPhil/PhD	- Pharmacognosy
MSc/MPH	- Population and Reproductive Health
MPhil	- Physiology

## COLLEGE OF SCIENCE

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	- Computer Solution to Scientific Problems and Integral Equations
	- Functional Analysis
	- Mathematics
PhD	- Mathematical Science
	- Numerical Methods
	- Optimization Techniques
	- Real functions
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 Science
	- 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**

MSc.	-	Actuarial Science
MSc.	-	Business Consulting and Enterprise risk Management
CEMBA	-	Commonwealth Executive Masters in Business Administration
CEMPA	-	Commonwealth Executive Masters in Public Administration
MSc.	-	Development Management
MSc.	-	Educational Innovation and Leadership Science
MSc	-	Environmental Science
MSc.	-	Food Quality Management
MSc.	-	Food Quality Management
MSc./Mphil	-	Health Informatics
MSc/MPhil	-	Industrial Finance and Investment
MSc	-	Industrial Mathematics
MSc/MPhil	-	Information Technology
MSc.	-	Information Technology (E-Learning)
		Postgraduate Diploma in Information Technology (E-Learning)
MSc	-	Post Harvest Technology



## **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.

## 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.*

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## **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.

### ***Departments***

- Entrepreneurship, Innovation and SME Development
- Industrial Relations, Career Counselling and Internship
- Kumasi Business Incubator (KBI)
- Resource Raising
- Enterprise Development

### ***Contacts***

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

Tel: 0322060952

Tel/Fax: 0322060953

## **UNIVERSITY LIBRARY SYSTEM**

This system consists of the Main Library and six College Libraries: Agriculture and Natural Resources, Architecture and Planning, Art and Social Sciences, Engineering, Health Sciences and Science.

The total collection of the University Library System is **235,804** volumes. The Libraries have paid access to slightly over **60,000** online journals in databases, CD ROMs on specific subject areas.

KNUST libraries provide training on access to 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: [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/ Separation services
- Typesetting
- Film Processing
- Plate-making
- Editing

### **Press/Production**

- Printing (single colour to multi colour)
- Packaging-in house
- 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](http://www.knust.edu.gh/uro@knust.edu.gh)



