

UMaT STAFF EXPERTISE BROCHURE

2019

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BACKGROUND

The University of Mines and Technology (UMaT), Tarkwa is an engineering institution noted for producing high calibre graduates and products. This has been the case for many years due to the quality, dedication and commitment of her workforce. UMaT has continued to pursue its mandate of providing higher education in mining, petroleum, technology and related disciplines through effective teaching, active research and dissemination of information and for providing professional services through extension activities to the mining and allied industries.

This brochure covers the expertise of general workforce of the University of Mines and Technology (UMaT), Tarkwa. It provides one with a quick glance of the human resource base of UMaT. The workforce is drawn from various faculties, academic departments and administrative and service departments such as the Registry, the Finance Office, the Library, etc.

The brochure has been designed to enable interested stakeholders in the mining and other allied industries to explore the expertise of staff in the University to their advantage by using the staff that match their needs. The information that has been made available to assist interested stakeholders is the members of staff, their qualifications, designations and areas of specialisations.

UMaT Capabilities

UMaT is a specialised institution that trains engineers and as such our programmes are designed such that a balance is achieved between theory and practical training both in the laboratories and in the field. This balance is to give our graduates the essential hands-on skills and experience to prepare them adequately to perform their jobs professionally and to solve problems.

The quality of our programmes of study continues to improve year-in-year-out thereby making our graduates very competitive. This gives them a unique edge over their peers pursuing similar programmes of study in other institutions of higher learning. Some of our students and staff have made the University and Ghana proud at international competitions.

Relevant Consultancy Experiences

UMaT is the only University in Ghana and one of the few in the West Africa Sub-Region dedicated to training mining engineers. UMaT is therefore ready to undertake assignments in the extractive and technological sectors, as it possesses the relevant expertise required for undertaking same.

The University has undertaken research and consultancy assignments with several industries, including the extractive sector and beyond. Recent consultancy assignments include capacity building of mine workers (including artisanal and small-scale miners), various aspects of the mining enterprise, Environmental Impact Assessments, Socio-Economic, Health and Safety Impact Assessments, Development of Compensation and Resettlement Action Plans and Packages to Mine Decommissioning and Restoration.

The Faculty of Mineral Resources Technology consists of six academic departments, namely:

- Geomatic Engineering
- Geological Engineering
- Mining Engineering
- Minerals Engineering
- Petroleum Engineering
- Environmental and Safety Engineering Departments.

1 DEPARTMENT OF GEOMATIC ENGINEERING

INTRODUCTION

The Department of Geomatic Engineering is one of the academic departments in the Faculty of Mineral Resources Technology, University of Mines and Technology, Tarkwa. Geomatic Engineering deals with measurement of the positions and extents of natural and artificial features with the aim of analysing the significance of these positions and their positional relationships on the Earth's surface. It also deals with the management, retrieval and display of spatial information describing both the earth's physical features and the built environment.

The Department has qualified, seasoned, professionals and scholars in the field of Geomatic and related fields. Some of the disciplines and professionals that can be attracted in this Department include Surveying, Geodesy, Remote Sensing, Photogrammetry, Cartography, Geographical Information Systems and Global Positioning Systems.

ACADEMIC STAFF

Details of academic staff in the Department of Geomatic Engineering, in terms of their names, professional and academic qualifications, designation and number of years at post and areas of specialisation are given in Table 1.

Table 1: Academic Staff of the Department of Geomatic Engineering and their qualifications/areas of specialisation.

Name	Academic/Professional Qualification	Current Designation & No. of years at post	Areas of specialisation
Assoc Prof Bernard Kumi-Boateng	PhD (UMaT), MSc (ITC), MSc, BSc (KNUST), Cert in Remote Sensing (UT), MGHIE, MGhIS, MAARSE, MASPRS, MCIG	Associate Professor (12 years)	<ul style="list-style-type: none"> • Land & Compensation Surveys • Carbon mapping • GIS & Remote Sensing application in Environmental management
Dr Peter E. Baffoe	PhD (UMaT), MSc (Moscow), MGhIS	Senior Lecturer (23 years)	<ul style="list-style-type: none"> • Digital Photogrammetry • Mine Surveys • Land Surveying
Dr Edward E. Duncan	PhD (Skudai), MSc (Glasgow), BSc (KNUST), MFIG, MGhIS	Senior Lecturer (20 years)	<ul style="list-style-type: none"> • GIS (2D & 3D) • Remote Sensing • Land Surveying
Dr (Mrs) Cynthia B. Boye	PhD (Ghana), PM (ITC), BSc (KNUST), MGHIE, MGhIS	Senior Lecturer (18 years)	<ul style="list-style-type: none"> • Shoreline Change Modeling and prediction • GIS application ,development & geographic information Management • Highway Engineering Designing
Dr Saviour Mantey	PhD (UMaT) MPhil (Cambridge), BSc (KNUST), MICA, MAARSE, MGhIS, FCCT	Senior Lecturer (11 years)	<ul style="list-style-type: none"> • Remote Sensing and GIS in Environmental Systems Analysis • GPS Surveys • Web Mapping
Dr Issaka Yakubu	PhD, MPhil (UMaT), BSc (KNUST), Certificate in Disaster Management (UT)	Senior Lecturer (10 years)	<ul style="list-style-type: none"> • Farm & Compensation surveys • Construction Surveys • Training (GNSS, GIS Application)
Dr Michael S. Aduah	PhD (UKZN, SA), MSc (Lund) MSc (Enschede), BSc (KNUST), GIS Cert. (ITC)	Senior Lecturer (11 years)	<ul style="list-style-type: none"> • Flood Modelling/Mapping • Land Use Mapping/Modelling • Land Use/Climate Change Impact analysis
Dr Naa D. Tagoe	PhD (Cape Town), MSc (Stuttgart), BSc (KNUST), Cert. (TTU) MAARSE	Senior Lecturer (9 years)	<ul style="list-style-type: none"> • Digital Photogrammetry • Remote Sensing & GIS Applications • Web Mapping

Table 1 cont'd

Name	Academic/Professional Qualification	Current Designation & No. of years at post	Areas of specialisation
Dr Yao Y. Ziggah	PhD, MEng (CUG), BSc (UMaT)	Lecturer (5 years)	<ul style="list-style-type: none"> • Artificial Intelligence • Physical Geodesy • Geometric Geodesy • Satellite Geodesy
Mr Edward A. A. Kwesi	MPhil, BSc, (KNUST), MGhIS, MFIG, MGhIG	Lecturer (18 years)	<ul style="list-style-type: none"> • Land and Engineering Surveys • GIS • Cartography

2 DEPARTMENT OF GEOLOGICAL ENGINEERING

INTRODUCTION

The Department of Geological Engineering is one of the academic departments under the Faculty of Mineral Resources Technology. The programme aims at providing knowledge of the engineering properties of earth materials, mineral deposits and groundwater resources. The successful candidate should be capable of exploring for minerals and groundwater and manage associated environmental problems. The Department, like all other department of the University, has qualified, seasoned, professionals and scholars drawn from the field of Geology and other related fields who offer professional services to the University, the mining and other allied industries. The Department runs programmes in Geological Engineering leading to the award of BSc, MSc, MPhil and PhD degrees. For the MSc, MPhil and PhD programmes a candidate can specialise in Mineral Exploration, Water Resources Engineering or Geotechnical Engineering.

ACADEMIC STAFF

Details of academic staff in the Department of Geological Engineering, in terms of their names, professional and academic qualifications, designation and number of years at post and areas of specialisation are given in Table 2.

Table 2: Academic Staff of the Department of Geological Engineering and their qualifications/areas of specialisation.

Name	Academic/Professional Qualification	Current Designation & No. of years at post	Areas of specialisation
Prof Jerry S. Y. Kuma	PhD (Newcastle), MSc, PGDip (Delft), BSc (Ghana), FGhIG, FASI, FCIDA, FWAIMM, MGhIE, MIAH	Professor and Vice Chancellor (32 years)	<ul style="list-style-type: none"> Water Resources Engineering Mine Water Hydrology & Remediation Exploration Geophysics Environmental Impact Studies
Prof K. Dzigbordi-Adzimah	Dr. Rer, nat (TU Berlin), MSc (Leicester), BSc (Ghana), FGhIG, FSEG, CEng, MIMM	Emeritus Professor (41 years)	<ul style="list-style-type: none"> Ore Deposit Geology Petrology Exploration Management
Assoc Prof M. Affam	PhD (UMaT), MSc, BSc (KNUST), MGhIG, MGhIE, MsCIM	Associate Professor (16 years)	<ul style="list-style-type: none"> Rock Mechanics Foundation Design Mineral Exploration Techniques
Dr Anthony Ewusi	PhD, MSc (TU Brandenburg), BSc (KNUST)	Senior Lecturer (12 years)	<ul style="list-style-type: none"> Hydrogeology Geophysics Environmental Studies

Table 2 cont'd

Name	Academic/Professional Qualification	Current Designation & No. of years at post	Areas of specialisation
Dr Kofi Adomako-Ansah	PhD, MSc (AU, Japan), BSc (Ghana)	Senior Lecturer (6 years)	<ul style="list-style-type: none"> • Precious and Industrial Mineral Deposits • Ore Deposit Geology • Economic Geology • Mineral Resource Evaluation • Rare Earth Metals • Environmental Geoscience
Dr G. M. Tetteh	PhD, MPhil, BSc (Ghana), MGHIG, MGSFAF	Lecturer (18 years)	<ul style="list-style-type: none"> • Geochemistry • Structural Geology • Petrology
Dr Asare Asante-Annor	PhD, MSc (TU), BSc (KNUST)	Lecturer (6 years)	<ul style="list-style-type: none"> • Groundwater Resources Protection • EIA • Waste Management
Dr Douglas Oti	PhD, (USF, Tampa, Florida), MS (NCAT, Greenboro, NC) BSc (KNUST)	Lecturer (3 years)	<ul style="list-style-type: none"> • Water Resources Engineering • Environmental Engineering
Ms E. B. Fiadonu	MPhil, BSc (UMaT)	Lecturer (5 years)	<ul style="list-style-type: none"> • Petrology • Exploration Management
Mr F. Majeed	MSc, BSc (KNUST)	Technical Instructor (2 Years)	<ul style="list-style-type: none"> • Mineral Resources Exploration and Evaluation • Geophysics
Mr J. Seidu	MPhil, BSc (UMaT)	Assistant Lecturer (2 Years)	<ul style="list-style-type: none"> • Groundwater Studies • Geophysics • Water Resource Management
Mr D. Aikins	MPhil, BSc (UMaT)	Assistant Lecturer (2 Years)	<ul style="list-style-type: none"> • Mineralogy • Petrology • Geochemistry
Mr Edmund N. Asare	MPhil, BSc (UMaT)	Assistant Research Fellow (1 Years)	<ul style="list-style-type: none"> • Rock and Soil Mechanics • Foundation Design

3 DEPARTMENT OF MINING ENGINEERING

INTRODUCTION

The Department of Mining offers programmes that aim at producing graduates capable of exploiting mineral deposits by surface and underground mining techniques and to handle associated environmental issues. The Department has qualified staff that run programmes in Mining Engineering leading to the award of BSc in Mining Engineering, Master of Science (MSc), Master of Philosophy (MPhil) and Doctor of Philosophy (PhD) degrees.

The Department also runs short courses in Certificate of Proficiency in Mining Engineering for industry members of the Chamber of Mines as its responsibility to empower non-degree holders to aspire in their career progression. Furthermore, in recognising the government's effort to make small scale mining a sustainable venture for job creation and rural empowerment, the department through the University has established collaboration with the Ghana National Association of Small Scale Miners to offer training and extension services to the Association.

ACADEMIC STAFF

Details of academic staff in the Department of Mining Engineering, in terms of their names, professional and academic qualifications, designation and number of years at post and areas of specialisation are given in Table 3.

Table 3: Academic Staff of the Department of Mining Engineering and their qualifications/ areas of specialisation

Name	Academic/Professional Qualification	Current Designation & No. of years at post	Areas of specialisation
Prof Daniel Mireku-Gyimah	PhD, DIC (London), DSc (hc, KNUST), DSc (hc, UMaT), MSc (Mos. Min. Inst.), CEng, OV, MIMM, MSME, MNYAS, MGhIG, FGhIE, FGA	Professor (38 years)	<ul style="list-style-type: none">• Mine Design & Planning• Mine Feasibility Studies• Corporate Social Responsibility Management
Prof Newton Amegbey	Dr-Ing (TU Berlin), MSc (Pet. Min. Inst.), FMVS, MGDMDG, MSME	Professor (40 years)	<ul style="list-style-type: none">• Environmental Impact Studies• Health and Safety Management and Risk Analysis• Blast Impact and Atmospheric Pollutant Diffusion Studies

Table 3 cont'd

Name	Academic/Professional Qualification	Current Designation & No. of years at post	Areas of specialisation
Assoc Prof Sulemana Al-Hassan	PhD (Cardiff), PgD, BSc (KNUST), MGHIG, MAusIMM	Associate Professor (32 years)	<ul style="list-style-type: none"> • Mineral Reserve Estimation • Auditing of Mineral Reserve Estimates • Small Scale Mining
Assoc Prof Victor A. Temeng	PhD (Michigan Tech.), MSc (Zambia), PgD, BSc (KNUST)	Associate Professor (29 years)	<ul style="list-style-type: none"> • Modeling and Simulation of Mine Production and Equipment Systems • Selection and Analysis of Belt Conveyor Systems • Mine Production and Equipment System Optimisation
Dr George Agyei	PhD (Havana), BSc (Moa), PgEd (Moa), Cert. in French Language (Moa)	Senior Lecturer (12 years)	<ul style="list-style-type: none"> • Process Mineralogy of laterites • Business Ethics • Mine Machinery
Mr Emmanuel M. Buaba	MSc (Exeter), PgD, BSc (KNUST)	Lecturer (31 years)	<ul style="list-style-type: none"> • Geotechnical Engineering • Mine Ventilation & Safety Engineering • Mine Machinery
Mr Bright O. Afum*	MSc (Aberystwyth), BSc (KNUST), MAusIMM, MSME	Lecturer (6 years)	<ul style="list-style-type: none"> • Explosives & Blasting Technology • Environmental Monitoring & Modeling • Underground Mine Planning & Optimisation
Mr Richard Gyebuni	MPhil, BSc (UMaT)	Technical Instructor (1 year)	<ul style="list-style-type: none"> • Mine Feasibility Studies • Mine Planning Design • Corporate Social Responsibility Management • Health, Safety and Environmental Studies • Operations Research
Mr Sylvester Yenzanya	MPhil, BSc (UMaT)	Assistant Lecturer (2 years)	<ul style="list-style-type: none"> • Mine Ventilation and Safety • Environmental Engineering in Mining
Mr M. Owusu-Tweneboah	MPhil, BSc (UMaT)	Assistant Lecturer (2 years)	<ul style="list-style-type: none"> • Operations Research • Materials Handling • Simulation and Optimisation of Mining Systems

* on study leave

4 DEPARTMENT OF MINERALS ENGINEERING

INTRODUCTION

The Department of Minerals Engineering has qualified and capable staff who run various programmes leading to the award of BSc Minerals Engineering, MSc, MPhil and PhD in Minerals Engineering. The programme aims at producing graduates capable of designing and managing mineral treatment processes to produce valuable metallurgical products and also addressing the associated environmental issues. The programmes designed in the Department aim at developing graduates who can engineer minerals and capable of working in the minerals, metallurgical and allied industries. The staff in the Department offer extension/consultancy services to the minerals industry in addition to the normal teaching activities.

ACADEMIC STAFF

Details of academic staff in the Department of Minerals Engineering, in terms of their names, professional and academic qualifications, designation and number of years at post and areas of specialisation are given in Table 4.

Table 4: Academic Staff of the Department of Minerals Engineering and their qualifications/areas of specialisation

Name	Academic/Professional Qualification	Current Designation & No. of years at post	Areas of specialisation
Prof Richard K. Amankwah	PhD (Queen's), MPhil, BSc (KNUST), MGHIE, MSME	Professor (26 years)	<ul style="list-style-type: none"> • Gold Beneficiation • Ore/Metallurgical testing • Geometallurgy/Mine-mine-to-mile optimisation • Small Scale Mining
Prof William K. Buah	PhD (Leeds), MSc (Krivoy Rog Min. Inst), MSME, MMMPSG	Professor (24 years)	<ul style="list-style-type: none"> • Minerals Processing and Extractive Metallurgy • Solid Waste Management • Design of Pyrolysis-Gasification Reactors and Conversion of Biomass into Valuable Products Including Activated Carbons, Biogas and Oils
Assoc Prof Grace Ofori-Sarpong	PhD (Penn State), MSc, BSc (KNUST), SME, SPE, WIM, GWIS	Associate Professor (17 years)	<ul style="list-style-type: none"> • Aqueous Processing of gold of ores • Biotransformation of refractory ores • Microbial remediation of oil-contaminated water resources

Table 4 cont'd

Name	Academic/Professional Qualification	Current Designation & No. of years at post	Areas of specialisation
Assoc Prof James R. Dankwah	PhD (UNSW), MSc (NTNU), BSc (KNUST)	Associate Professor (18 years)	<ul style="list-style-type: none"> • Green Iron and Steel Making • Liquid fuel Production from waste plastics • Bauxite Upgrading using waste plastics
Dr Joseph J. K. Gordon	PhD (UMaT), MPhil, BSc (KNUST)	Senior Lecturer (12 years)	<ul style="list-style-type: none"> • Mineral Processing and Bio hydrometallurgy • Hydrometallurgy of manganese • Mine Waste Treatment • Small Scale Mining and Processing.
Dr Eric A. Agorhom	PhD (UniSA), BSc (UMaT)	Lecturer (5 years)	<ul style="list-style-type: none"> • Flotation and Process Mineralogy (Geomaterials) • Surface Characterisation • Hydrometallurgy • Mine Waste Characterisation
Dr Clement K. Owusu	PhD (UniSA), BSc (UMaT)	Lecturer (5 years)	<ul style="list-style-type: none"> • Hydrometallurgy and Minerals Surface • Characterisation and Oxygen Optimisation • Modeling of metallurgical data • Flotation
Dr Samuel N. Asare-Asher	PhD (UniSA), BSc (UMaT)	Lecturer (4 years)	<ul style="list-style-type: none"> • Nanotechnology • Quality Assurance and Control • Statistical Process Control • Lean and Six Sigma Strategies
Mr Charles E. Abbey*	MPhil, BSc (UMaT)	Lecturer (9 years)	<ul style="list-style-type: none"> • Small Scale Mining • Computer Aided Process Analysis • Mineral Processing

* on study leave

5 DEPARTMENT OF PETROLEUM ENGINEERING

INTRODUCTION

The Department of Petroleum Engineering is one of the six departments that comprise the Faculty of Mineral Resources Technology of the University of Mines and Technology (UMaT), Tarkwa, Ghana. The Department was established to provide manpower for the oil and gas industry of Ghana. The programme aims at providing graduates with a firm grounding in petroleum engineering covering oil and gas exploration, reservoir engineering, oil well drilling, oil and gas production and management of associated environmental problems. Successful candidates should be able to manage the exploitation of hydrocarbon resources.

ACADEMIC STAFF

Details of academic staff in the Department of Petroleum Engineering, in terms of their names, professional and academic qualifications, designation and number of years at post and areas of specialisation are given in Table 5.

Table 5: Academic Staff of the Department of Petroleum Engineering and their qualifications/areas of specialisation

Name	Academic/Professional Qualification	Current Designation & No. of years at post	Areas of specialisation
Dr Eric Broni-Bediako	PhD, MPhil (UMaT), MSc (AUST), BSc (KNUST), MSPE	Senior Lecturer (9 years)	<ul style="list-style-type: none"> Cementing Technology Oil Field Safety and Environment Petroleum Economics
Dr Richard Amarin	PhD (UMaT), MSc (AUST) BSc (KNUST), MSPE	Senior Lecturer (9 years)	<ul style="list-style-type: none"> Drilling Waste Management Natural Gas Management Drilling Fluids Management
Dr Ohenewaa Kakra Dankwa	PhD (UniPort), MSc (AUST), BSc (UMaT)	Lecturer (7 years)	<ul style="list-style-type: none"> Oil Fields Scale Matrix Acidising for Productivity Enhancement Mud Filter Cake Management
Dr Solomon Adjei Marfo	PhD (UniPort), M.Eng (Belgrade), BSc (KNUST), RES, NREP	Lecturer (6 years)	<ul style="list-style-type: none"> Water and Sand Management in Oil and Gas Reservoirs Local Raw Materials Utilisation in the Petroleum Industry Agro-Waste Evaluation and Utilisation in the Petroleum Industry

Table 5 cont'd

Name	Academic/Professional Qualification	Current Designation & No. of years at post	Areas of specialisation
Dr Harrison Osei	PhD (UTP), MSc (AUST), BSc (KNUST)	Lecturer (9 years)	<ul style="list-style-type: none"> • Multi Purpose Flow • Fluid Dynamics • Separation Technology • Reservoir and Production Engineering
Dr Eric T. Brantson	PhD (CUGB), MSc (AUST), BSc (UMAT)	Lecturer (1 year)	<ul style="list-style-type: none"> • Reservoir Modeling and Simulation • Enhanced Oil Recovery • Computational Fluid Dynamics • Application of Artificial Intelligence Techniques in Petroleum
Mr Eric M. Amarfo	MSc (AUST), BSc (KNUST)	Lecturer (6 years)	<ul style="list-style-type: none"> • Reservoir Estimation, Management and Enhanced Oil Recovery • Petroleum Economics • Nano Drilling Fluids
Mr Daniel Ocran	MSc (AUST), BSc (UMaT)	Assistant Lecturer (1 year)	<ul style="list-style-type: none"> • Petroleum Economics • Reservoir Characterisation and Simulation • Oil and Gas Production Optimisation • WTA

6 DEPARTMENT OF ENVIRONMENTAL AND SAFETY ENGINEERING

INTRODUCTION

The Department runs a programme leading to the award of Bachelor of Science Degree programme in Environmental and Safety Engineering. The programme at the Department aims at providing knowledge of the practical and essential principles of water, soil and air management, safety management, health hazards, hydrograph analysis, water and air modelling systems, waste treatment innovations and engineering economics.

The aim of the Department is to provide a broad-based education and training in safety and environmental issues. The Department has committed academic staff with specialties in the fields of environmental chemistry, environmental process engineering, ergonomics and stress management, occupational health and safety, meteorology and risk management and hazard control systems. Individual lecturers are actively involved in research in their respective fields.

ACADEMIC STAFF

Details of academic staff in the Department of Environmental and Safety Engineering, in terms of their names, professional and academic qualifications, designation and number of years at post and areas of specialisation are given in Table 6.

Table 6: Academic Staff of the Department of Environmental and Safety Engineering and their qualifications/areas of specialisation

Name	Academic/Professional Qualification	Current Designation & No. of years at post	Areas of specialisation
Assoc Prof Samuel A. Ndur	PhD (New Mexico Tech), MSc (Moscow)	Associate Professor (30 years)	<ul style="list-style-type: none"> • Mine Waste Characterisation and Management • Occupational Health Management
Dr Ishmael Quaicoe	PhD (UniSA), BSc (UMaT), MIE, SME	Lecturer (5 years)	<ul style="list-style-type: none"> • Geometallurgy /Hydrometallurgy • Artisanal and Small scale Mining and Processing • Environmental and Safety Management

Table 6 cont'd

Name	Academic/Professional Qualification	Current Designation & No. of years at post	Areas of specialisation
Dr Shadrack Fosu	PhD (UniSA), BSc (UMaT)	Lecturer (4 years)	<ul style="list-style-type: none"> • Ore Characterization, Process Mineralogy and Mineral Processing • Hydrometallurgy /Aqueous Metallurgy • Environmental Management and Chemistry
Dr Jennifer MacCarthy	PhD (UniSA), BSc (UMaT)	Lecturer (4 years)	<ul style="list-style-type: none"> • Environmental Monitoring and Management • Particle Interactions and Rheology • Leaching
Mr Thomas Wi-Afedzi*	MSc (NCHU), BSc (KNUST)	Lecturer (6 years)	<ul style="list-style-type: none"> • Soil and Water Testing and Analysis
Mr Eric Stemn*	MSc (KNUST), BSc (UMaT), GhISEP	Lecturer (5 years)	<ul style="list-style-type: none"> • Workplace Safety Related Issues • Conducting Environmental Impact studies and Environmental Management Planning • GIS and Remote Sensing Application, Environmental Modelling and planning
Ms Vivian I. Seshie	MSc (KNUST), BSc (Cape Coast)	Research Fellow (3 years)	<ul style="list-style-type: none"> • Environmental Impact Assessment • Municipal Solid Waste Management Waste Characterisation • Occupational Health and Safety
Mr Francis Krampah	MSc (USW), BSc (Cape Coast)	Assistant Lecturer (2 years)	<ul style="list-style-type: none"> • Occupational and environmental exposure assessment • Heavy metal exposure • behaviour and sources • Risk assessment and management • Occupational health and safety management • Water and air quality

* on study leave

FACULTY OF ENGINEERING

The Faculty of Engineering is made up of four Academic Departments and one Centre namely

- Mechanical Engineering
- Electrical and Electronic Engineering
- Mathematical Sciences
- Computer Science and Engineering
- Renewable Energy

1 DEPARTMENT OF MECHANICAL ENGINEERING

INTRODUCTION

The Department has programmes that lead to the award of BSc in Mechanical Engineering, MSc. in Mechanical Engineering (Thermal Power and Fluid Engineering) and MPhil in Mechanical Engineering. The programme is designed to produce graduates who can solve mechanical engineering problems; design, manufacture, assemble and maintain mechanical components; and manage mechanical and related industries.

The Department has competent academic staff and its strength is in the areas of Thermal and Fluid Engineering, Heat Transfer, Solid Mechanics, Machine Design and Production Engineering. The teaching staff in the Department is heavily involved in research in their respective fields and has publications to this effect. The Department co-ordinates and runs a 3-year training programme in Integrated Plant Mechanics Programme for selected mining companies.

ACADEMIC STAFF

Details of academic staff in the Department of Mechanical Engineering, in terms of their names, professional and academic qualifications, designation and number of years at post and areas of specialisation are given in Table 7.

Table 7: Academic Staff of the Department of Mechanical Engineering and their qualifications/areas of specialisation

Name	Academic/Professional Qualification	Current Designation & No. of years at post	Areas of specialisation
Assoc Prof Anthony Simons	PhD (Pet St Min Inst), MSc (Belarusian)	Associate Professor (16 years)	<ul style="list-style-type: none"> • Assessment of Accident Vehicles and Training in Maintenance Management • Non Destructive Testing (NDT Level II; ET, MT, PT, RT, UT and VT) • Optimization of Heat Transfer
Mr Seth P. Agbomadzi	MSc (Newcastle), BSc (KNUST)	Senior Lecturer (27 years)	<ul style="list-style-type: none"> • Thermofluid Engineering, • Hydraulic Structures and Design
Mr Emmanuel M. Seckley	MSc, BSc (KNUST)	Lecturer (12 years)	<ul style="list-style-type: none"> • Design and Optimization of thin-walled elements including pipelines and pressure vessels • Fracture Mechanics of Advanced Materials
Mr Noah Yakah	MSc (Stockholm), BSc (KNUST)	Lecturer (5 years)	<ul style="list-style-type: none"> • Internal Combustion Engine • Automobile Engineering • Heat and Power Systems
Mr Augustine A. Kwarteng*	MSc, BSc (KNUST)	Lecturer (5 years)	<ul style="list-style-type: none"> • Fluid Mechanics • Thermal Power Systems Engineering
Mr Eric Ofori-Ntow*	MSc (KPH), BSc (UMaT)	Lecturer (5 years)	<ul style="list-style-type: none"> • Production Optimisation (lean) • Vehicle Maintenance • Mechanical Design
Mr. Edward Yin	MSc (JKUAT) BSc (UMaT)	Assistant Lecturer (1 year)	<ul style="list-style-type: none"> • Machine Design. • Production Engineering and Management
Mr. Gideon Quartey	MSc (JKUAT), BSc (UMaT)	Assistant Lecturer (1 year)	<ul style="list-style-type: none"> • Design and Production
Mr Ernest Adaze	MSc (KFUPM) BSc (UMaT)	Assistant Lecturer (1 year)	<ul style="list-style-type: none"> • Thermofluid Sciences (Fluid Mechanics, Heat Transfer, Thermodynamics, welding)

* on study leave

2 DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

INTRODUCTION

The Department has a strong expertise in Electrical Power Systems, Electric Drives and Telecommunication. The programme aims at producing graduates capable of solving electrical engineering problems, generating and distributing electrical power and designing, manufacturing and maintaining electronic devices. The Department through the support of the Mineral Development Fund and TALIF has in place state-of-the-art equipment for the Electrical and Electronic Laboratories to enhance teaching and learning.

ACADEMIC STAFF

Details of academic staff in the Department of Electrical and Electronic Engineering, in terms of their names, professional and academic qualifications, designation and number of years at post and areas of specialisation are given in Table 8.

Table 8: Academic Staff of the Department of Electrical & Electronic Engineering and their qualifications/areas of specialisation.

Name	Academic/Professional Qualification	Current Designation & No. of years at post	Areas of specialisation
Dr Solomon Nunoo	PhD (Malaysia), MPhil, BSc (UMaT)	Senior Lecturer (12 years)	<ul style="list-style-type: none"> • Signal Processing of Wireless Communication Systems • Application of Adaptive Technologies to Control Systems • Energy Management
Mr Erwin Normanyo	MSc (Kharkov), BSc (KNUST)	Senior Lecturer (14 years)	<ul style="list-style-type: none"> • Factory Automation • Industrial Energy Management • Instrumentation Systems
Dr Joseph C. Attachie	PhD (UMaT), MSc (Kharkov)	Lecturer (16 years)	<ul style="list-style-type: none"> • Power Systems • Networks
Dr John K. Annan	PhD, MPhil, BSc (UMaT)	Lecturer (11 years)	<ul style="list-style-type: none"> • Computer Application (AutoCAD and Matlab) • Control Systems • Power Generation including Renewable Energy Systems
Mr Seth Ofori	MSc (London MET), BSc (KNUST)	Lecturer (9 years)	<ul style="list-style-type: none"> • Mobile Communication • Signal Processing, • Broadband Network

Table 8 cont'd

Name	Academic/Professional Qualification	Current Designation & No. of years at post	Areas of specialisation
Mr Fuseini Mumuni	MSc, BSc (St. Petersburg)	Lecturer (7 years)	<ul style="list-style-type: none"> • Embedded System Design • Automation of Industrial Systems
Mr Emmanuel Addo	MSc (St. Petersburg)	Lecturer (6 years)	<ul style="list-style-type: none"> • Satellite Communication • Data Communication • Copper and Fiber Optic Network Design
Mr R. A. Ofosu	MSc, (JKUAT), BSc (UMaT)	Lecturer (2 years)	<ul style="list-style-type: none"> • Control Engineering • Embedded Systems • Industrial Automation
Ms Ama B. Asiedu-Asante	MSc (Newcastle), BSc (UMaT)	Assistant Lecturer (2 years)	<ul style="list-style-type: none"> • Instrumentation • Automation and Control
Mr I. Aidoo	MSc (HiN), BSc (UMaT)	Assistant Lecturer (1 year)	<ul style="list-style-type: none"> • Power Generation and Stability
Mr Philip Blewushie*	MPhil, BSc (UMaT)	Lecturer (8 years)	<ul style="list-style-type: none"> • Power Systems, • Instrumentation and Control

* on study leave

3 DEPARTMENT OF MATHEMATICAL SCIENCES

INTRODUCTION

The Department of Mathematical Sciences runs programmes leading to the award of BSc in Mathematics, MSc/MPhil and PhD programmes in Computational Mathematics, Financial Engineering and Statistics. The programme is designed to provide students with a firm grounding in the concepts of calculus, algebra, numerical methods, probability and statistics, topology, logic and set theory, etc and their application to solving industrial problems.

The Department has qualified and seasoned lecturers whose research interests are in the areas of optimization; curve fitting, fluid dynamics and mathematical/statistical model-ling among others. The Department produces graduates who fill the manpower needs of the country in the banking and financial sectors, mining and related industries, educa-tional and research institutions, just to mention a few.

ACADEMIC STAFF

Details of academic staff in the Department of Mathematical Sciences, in terms of their names, professional and academic qualifications, designation and number of years at post and areas of specialisation are given in Table 9.

Table 9: Academic Staff of the Department of Mathematical Sciences and their qualifications/areas of specialisation

Name	Academic/Professional Qualification	Curent Designation & No. of years at post	Areas of specialisation
Dr (Mrs) Christiana C. Nyarko	PhD (UMaT), MPhil (Ghana), BSc, NCE, (ONDO)	Senior Lecturer (13 years)	<ul style="list-style-type: none"> • Statistics • Bio statistics • Epidemiology
Dr Lewis Brew	PhD (UMaT), MSc (KNUST), B.Ed (UEW)	Senior Lecturer (12 years)	<ul style="list-style-type: none"> • Pure Mathematics • Differential Equation • Optimisation Techniques • Computer Application to Numerical Methods
Dr E. N. Wiah	PhD (UMaT), MPhil, BSc (KNUST)	Lecturer (8 years)	<ul style="list-style-type: none"> • Advamced Numerical Analysis • Optimal Control Theory • Differential Equation
Dr Joseph Acquah	PhD (UMaT), MPhil, BSc (UCC)	Lecturer (7 years)	<ul style="list-style-type: none"> • Inverse Problems • Regularizations Methods • Image Deblurring

Table 9 cont'd

Name	Academic/Professional Qualification	Current Designation & No. of years at post	Areas of specialisation
Dr Paul Boye	PhD (UMaT), MSc, BSc (KNUST)	Lecturer (7 years)	<ul style="list-style-type: none"> • Real Estate Valuation • Statistical Data Analysis
Dr Henry Otoo	PhD (UMaT) MPhil, BSc (KNUST)	Lecturer (5 years)	<ul style="list-style-type: none"> • Statistics • Operation Research • Pure Mathematics
Mr Peter K. Nyarko	MSc (KNUST), BSc (UCC)	Lecturer (13 years)	<ul style="list-style-type: none"> • Differential Equation • Optimisation Techniques • Computer Application to Numerical Methods
Mr Ernest D. Addo	MPhil (UCC), BSc (UCC)	Lecturer (7 years)	<ul style="list-style-type: none"> • Disease Modeling
Mr Bashir-uddin N. Ibrahim*	MSc (Malardalens), BSc (KNUST)	Lecturer (5 years)	<ul style="list-style-type: none"> • Computational Financial and Modelling of Financial Assets • Financial Engineering
Ms Monica V. Crankson	MSc (AUST), BSc (UMaT)	Lecturer (3 years)	<ul style="list-style-type: none"> • Functional Analysis • Convex Analysis and Optimisation • Mathematical and Biogeochemical Modelling
Mr Benjamin Odoi	MPhil (UMaT) BSc (UMaT)	Assistant Lecturer (1 year)	<ul style="list-style-type: none"> • Probability and Statistical Inference • Statistical Modelling • Stochastic process and it's application • Regression Analysis • Operations Research • Quality Control and it's Management • Calculus
Mr Kofi Agyarko	MPhil, BSc (KNUST)	Assistant Lecturer (1 year)	<ul style="list-style-type: none"> • Insurance Claims Reserve • Financial Risk Management • Portfolio theory • Probability Theory
Mr Albert Buabeng	MPhil (UMaT) BSc (UMaT)	Assistant Lecturer (1 year)	<ul style="list-style-type: none"> • Statistical Methods • Dimension Reduction Methods • Time Series Analysis • Artificial Neural Networks • Designed Experiments and Multivariate • Prediction and Process Control with Latent Variables

Table 9 cont'd

Name	Academic/Professional Qualification	Current Designation & No. of years at post	Areas of specialisation
Miss Masha Ahoba Buah	MPhil, BSc (KNUST)	Assistant Lecturer (1 year)	<ul style="list-style-type: none"> • Financial Econometrics • Derivatives and Alternative Investments • Pricing of Bonds • Quality Control and Assurance • Calculus
Mr David Delali Zigli	MSc (UMaT), BSc (KNUST)	Assistant Lecturer (1 year)	<ul style="list-style-type: none"> • Homotopy of Fundamental Groups • Topology • Functional Analysis • Abstract Algebra

* on study leave

4 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INTRODUCTION

The Department of Computer Science and Engineering was established to equip students with the necessary skills in Computer Science and Engineering to enable them function effectively to meet the needs of industry and other institutions. The programme aims at providing firm grounding in basic concepts of Computer Science and Engineering discipline so as to meet the requirements for the Information and Communication Technology (ICT) arena and allied industries. Successful graduates should be capable of solving problems using computer programming as well as installing and maintaining both the hardware and software components of the computer system. The Department has well-trained teaching staff and well-equipped laboratory for effective teaching and learning.

ACADEMIC STAFF

Details of academic staff in the Department of Computer Science and Engineering, in terms of their names, professional and academic qualifications, designation and number of years at post and areas of specialisation are given in Table 10.

Table 10: Academic Staff of the Department of Computer Science & Engineering Department and their qualifications/areas of specialisation

Name	Academic/Professional Qualification	Current Designation & No. of years at post	Areas of specialisation
Dr Vincent M. Nofong	PhD (UniSA), BSc (UMaT)	Lecturer (3 years)	<ul style="list-style-type: none"> • Data Mining • Pattern Mining • Trend Prediction
Dr H. Abdel-Fatao	PhD (UniSA), BSc (UMaT)	Lecturer (2 years)	<ul style="list-style-type: none"> • Data Mining • GPS and Wireless Sensor Network • Human Mobility Prediction • Location Based Social Networks • Recommendation Systems • Bioinformatics • Artificial Intelligence
Mr Albert K. Ansah*	MSc (Greenwich), PgD (Westminster)	Lecturer (10 years)	<ul style="list-style-type: none"> • RFID Application in Localisation and Tracking • Network Design and Systems Implementation • Mobile and Wireless Communications

Table 10 cont'd

Name	Academic/Professional Qualification	Current Designation & No. of years at post	Areas of specialisation
Mrs Millicent A. Agangiba	MSc (Tvert State)	Lecturer (8 years)	<ul style="list-style-type: none"> • Accessibility of E-Service • Systems Analysis and Design • ICT Project Management
Mr Thomas Kwantwi	MSc (Tvert State)	Lecturer (9 years)	<ul style="list-style-type: none"> • Computers • Complex Systems • Network
Mr William A. Agangiba	MSc (Tvert State)	Lecturer (8 years)	<ul style="list-style-type: none"> • Project Management (Ms Project) • Programming and Data Analytics (Matlab/Weka/R/C/C++) • Logics and Artificial Intelligence (Propositional, Predicate, Fuzzy logics, Expert Systems and Neural Networks)
Mr Stephen Anokye*	MSc (Hunan), BSc (KNUST)	Technical Instructor (7 years)	<ul style="list-style-type: none"> • Cyber Security • Artificial Intelligence and Logic • Sensor Networks
Mr Emmanuel Effah	MIT (OUM) , BSc (UMaT), MGhiE, MIEEE	Lecturer (6 years)	<ul style="list-style-type: none"> • Data Mining • Smart Systems • Networking and Electrical Installations
Mr Felix Larbi Aryeh	MSc (KNUST), BSc (Ghana)	Research Fellow (4 years)	<ul style="list-style-type: none"> • Wireless Networks • Computer Graphics • Web Technologies
Mr Sylvester Akpah	MSc (KNUST), BSc (GTUC)	Lecturer (2 years)	<ul style="list-style-type: none"> • Network Infrastructure setup and Management • Website Development and Management • Wireless Security and Open • Source Firewalls
Mr R. K. Annan	MSc (SU), BSc (UMaT)	Assistant Lecturer (1 year)	<ul style="list-style-type: none"> • Digital Telephony (VoIP) • Wireless Communications • Telemedicine Technology • Network Systems and Security • Project Management • Data Base Systems and Network • Bandwidth Optimisation

5 DEPARTMENT OF RENEWABLE ENERGY ENGINEERING

INTRODUCTION

The Renewable Energy (RE) Engineering Department is a new addition to the programmes offered by the Faculty of Engineering. The programme is a hybrid one, which combines both Electrical/Electronic and Mechanical Engineering to provide renewable energy solutions to develop alternative energy sources for Ghana and elsewhere. The programme is designed to provide strong academic and practical grounding, supported by our state-of-the-art laboratory for students to be functional in any industrial and research environment. The foci of the programme are: principles and application of Renewable Energy namely: solar energy, bio-energy (including waste to energy), geothermal energy, tidal energy among others. Students will also be equipped with additional management, communication and industrial social science tools. The programme is thus, unique and will make graduates of the programme versatile and relevant to the renewable energy industry worldwide and also responsive to the ensuing interfacing social demands.

ACADEMIC STAFF

Details of academic staff in the Renewable Energy (RE) Engineering Department, in terms of their names, professional and academic qualifications, designation and number of years at post and areas of specialisation are given in Table 11.

Table 11: Academic Staff of Renewable Energy (RE) Engineering Department and their qualifications/areas of specialisation

Name	Academic/Professional Qualification	Current Designation & No. of years at post	Areas of specialisation
Assoc Prof Christian K. Amuzuvi	PhD (Nottingham), MSc (Kharkov)	Associate Professor (19 years)	<ul style="list-style-type: none">Renewable Energy SystemsPhotovoltaic SystemsTelecommunication and Optoelectronic Systems
Mr Kingsley B. Owusu	MSc (Glamorghan), BSc (UMaT)	Lecturer (6 years)	<ul style="list-style-type: none">Efficient Renewable EnergyNon-renewable Energy Production
Mr Dominic Yellezuome	MSc (Durham University, UK)	Assistant Lecturer (2 years)	<ul style="list-style-type: none">Renewable Energy (Bioenergy)
Mr Isaac Osei	MPhil (KNUST), BSc (UMaT)	Assistant Lecturer (2 Years)	<ul style="list-style-type: none">Renewable EnergyBioengineering

The Faculty of Integrated Management Science consists of two academic departments, namely:

Department of Technical Communication

Department of Management Studies

1 DEPARTMENT OF TECHNICAL COMMUNICATION

INTRODUCTION

The Department of Technical Communication (DTC) was born out of the erstwhile Centre for Communication and Entrepreneurship Skills (CENCES), which was established in 2011 to become the nucleus of the third faculty of the University and has now matured into the Faculty of Integrated Management Science (FIMS). With its new status, the DTC is now one of the two academic departments under FIMS. The Department, like its predecessor CENCES, currently operates as a servicing department but has far-advanced plans to start its own degree programme, namely the Bachelor of Science in Technical Communication. The Department also runs the One-Year Certificate programme in English for non-English speaking international applicants and the annual residential short course in English and Mathematics, which is mounted during the long vacation to afford the fresh international students who have been admitted to pursue various programmes of the University an opportunity to come to acclimatise as well as familiarise themselves with the academic environment ahead of re-opening for the academic year. Apart from the above-mentioned, the DTC will run a One-Year Certificate programme in French Proficiency, and also upgrade the existing Basic French Courses to fit the A1 Certificate of the Alliance Française to help make our students more competitive. The Department has plans for other short courses in English and French to benefit the local community. The Department also has a modern language centre for the teaching of French.

ACADEMIC STAFF

Details of academic staff in the Department of Technical Communication (DTC), in terms of their names, professional and academic qualifications, designation and number of years at post and areas of specialisation are given in Table 12.

Table 12: Academic Staff of Department of Technical Communication (DTC) and their qualifications/areas of specialisation

Name	Academic/Professional Qualification	Current Designation & No. of years at post	Areas of specialisation
Assoc Prof Mrs Patricia Beatrice Mireku-Gyimah	PhD (KNUST), PgD (Bordeaux), MPhil, BA (Hons) Dip Ed (UCC), MISOLA, MIRDI, MALA, MLAG, MGAW, MGATE, MGAFT	Associate Professor (15 years)	<ul style="list-style-type: none"> • English : Language and Literature • African Oral Literature (The Folktale) • French: Language and Literature
Dr Mrs Cecillia Addei	PhD (UWC), MA (KNUST), B.Ed (Cape Coast)	Senior Lecturer (12 years)	<ul style="list-style-type: none"> • African Oral Literature • Gender in Literary Studies • Literary Stylistics • Literary Criticism • The Bildungsroman and its Variants in African Literature.
Dr E. Kokroko	PhD (Cape Coast), MPhil (U de Besancon), BA (Ghana)	Lecturer (8 years)	<ul style="list-style-type: none"> • Basic French Trainer • French as a Foreign Language • Use of Multimedia Equipment in Language Teaching
Mr E. Arhinful	MA (Ghana), B.Ed (Cape Coast)	Technical Instructor (14 years)	<ul style="list-style-type: none"> • Error Analysis • Technical Report Writing • Communication Skills
Mrs Elizabeth Konadu Mills Abbey	M.Ed (UEW), BA (KNUST)	Assistant Lecturer (3 years)	<ul style="list-style-type: none"> • English Language and Literature
Mr Philip Boateng Ansah	MPhil, B.Ed (UEW)	Assistant Lecturer (1 year)	<ul style="list-style-type: none"> • Onomastics • Communication Skills • Sociolinguistics • Oral Literature
Mr James K. Dumenyah	MPhil, BA (Ghana) PgCert (GIMPA), Dip DUEF (Cotonou-Benin)	Assistant Lecturer (1 year)	<ul style="list-style-type: none"> • Teaching French as a Foreign Language • French Linguistics

2 DEPARTMENT OF MANAGEMENT STUDIES

INTRODUCTION

The Department of Management Studies is one of the academic departments under the Faculty of Integrated Management Science. The Department offers a two-year Post Graduate Masters Programmes: Master of Business and Technology Management (MBTM) and MSc Engineering Management. The Department will also run a one-year certificate course in Small Scale Mine and Quarry Administration. These Programmes will all run on weekends (Saturday and Sunday). The Department, apart from teaching, is actively involved in research, consultancy and extension services.

ACADEMIC STAFF

Details of academic staff in the Department of Management Studies, in terms of their names, professional and academic qualifications, designation and number of years at post and areas of specialisation are given in Table 13.

Table 13: Academic Staff of Department of Management Studies and their qualifications/ areas of specialisation

Name	Academic/Professional Qualification	Current Designation & No. of years at post	Areas of specialisation
Dr K. Kamasa	PhD, MPhil (KNUST), B.Ed (Cape Coast)	Lecturer (5 years)	<ul style="list-style-type: none"> • Monetary Economics • Policy Analysis in Public Finance
Dr A. Tetteh	PhD (Donghua University), MSc (SUFE), BSc (KNUST)	Lecturer (5 years)	<ul style="list-style-type: none"> • Supply Chain Management • Operations/Service Management • Decision Science
Dr F. Boateng	PhD (Walden), MPhil (KNUST), MBA (Leicester, UK), BSc (CU)	Lecturer (2 years)	<ul style="list-style-type: none"> • Mining Assets Retirement Obligation for Reclamation Bonds • CSR, Taxation and Fiscal Policy • Enterprise Risk Management • Auditing and Ethics • Corporate Governance
Dr Juliana Abagsonema Abane	PhD (NIDA, Thailand), MPhil, BA (Ghana)	Lecturer (1 year)	<ul style="list-style-type: none"> • Development Management • Public Policy • Strategic Human Resource Management • Public Administration
Dr Eric K. Boadi	PhD (UESTC, China), BMA (UPS), BSc (GIMPA)	Part-Time Lecturer (1 year)	<ul style="list-style-type: none"> • Trends in Financial Regulations • Banking • Accounting and Finance • Higher Education Management

OFFICE OF THE REGISTRAR

INTRODUCTION

The Office of the Registrar is a critical interface between the University and students, staff and of the public and provides essential services to students, academic and administrative departments, and the public. The Office of the Registrar supports teaching and learning by maintaining the integrity of academic policies and the student information system.

In discharging the functions of the Office, the Registrar, who is also Secretary to the University Council and Academic Board, is assisted by other Administrative Units which provide a wide range of professional and administrative services to the University Community, the mining and other related fields. The Units that assist the Registrar in the day-to-day administration of the University are:

1. Academic and Student Affairs Unit
2. Human Resources Unit
3. Guidance and Counselling Unit
4. School of Postgraduate Studies Administrative Unit
5. General Administration Unit
6. University Relations Office
7. Faculty Administrative Units
8. University Legal Services Unit

STAFF OF THE REGISTRAR'S OFFICES

Details of the Senior Members of the Registrar's Offices, in terms of their names, professional and academic qualifications, designation and number of years at post and areas of specialisation are given in Table 14.

Table 14: Senior Members of the Registrar’s Offices and their qualifications/areas of specialisation

Name	Academic/ Professional Qualification	Curent Designation & No. of years at post	Areas of specialisation
Mr Andrews K. Doku	MA, BA (KNUST), MIHRMP, FGM, FCIDA	Registrar (12 years)	<ul style="list-style-type: none"> • Governance and Management of Higher Education Institutions • Microeconomic and Macroeconomic Analysis • Monetary Theory and Practice • Public Sector Economics • Quality Management
Mr Francis Nyarko	MA, BA (Ghana)	Senior Assistant Registrar (12 years)	<ul style="list-style-type: none"> • Population and Development • Human Resource Management • Sociological Impact of Population Growth
Mr Thomas Bright Eshun	MA, BA (UCC)	Senior Assistant Registrar (12 years)	<ul style="list-style-type: none"> • Waste Management • Environmental Impact Assessment • Corporate Environmental Management
Mrs Lydia Ephraim	MSc, BA (KNUST)	Senior Assistant Registrar (11 years)	<ul style="list-style-type: none"> • Development Policy & Planning • Human Resource Management
Ms Margaret M. Sackey	MA (UCC), MPhil, BA (Ghana)	Senior Assistant Registrar (14 years)	<ul style="list-style-type: none"> • Manpower Planning and Development • Recruitment and Retention of Staff • University Administrative Systems • Urban Developmental Issues • Population and Development
Mr P. S. Kwofie	M.Ed, PGDE, BA (UCC), Adv Dip (UK)	Senior Assistant Registrar (8 years)	<ul style="list-style-type: none"> • Educational Management & Administration • Counselling & Relationship Management Leadership and Decision Making • Educational Policy Analysis
Mr Eric A. V. Kavaarpuo	MSc (KNUST), BA (Ghana)	Senior Assistant Registrar (16 years)	<ul style="list-style-type: none"> • Project Grants Administration • Social Development Research • Development Planning Process • Spatial Dimensions of Development • Development Administration and Management

Table 14 cont'd

Name	Academic/ Professional Qualification	Current Designation & No. of years at post	Areas of specialisation
Mr Isaac Addei	MSc (KNUST), BA, Dip. Ed (UCC)	Assistant Registrar (12 years)	<ul style="list-style-type: none"> • Development Planning • Corporate Social Responsibility • Health & Population Issues • Human Resource Management
Mr Paul Y. A. Yeboah	MSc, BA (KNUST), MBA (Milan), MIPR	Assistant Registrar (4 years)	<ul style="list-style-type: none"> • Development Policy & Planning • Corporate Social Responsibility • Fund Raising • Small Business Planning & Development • Development Communication • Event Organisation and Management • Socio-Economic Analyst
Mr Theophilus Andoh-Robertson	MPhil, B.Ed (UEW)	Assistant Registrar (4 years)	<ul style="list-style-type: none"> • Counselling • Educational Management & Administration
Mrs Rosina Kizzie-Hayford	MSc (RH,UL), PgD (MSM), BSc (KNUST)	Assistant Registrar (7 Years)	<ul style="list-style-type: none"> • Sustainability Studies • Research/Project Grants Administration • University-Industry Research Collaborations • Corporate Social Responsibility • Organisational Dimensions of Management • Information Systems
Mrs Florence A. Aboh	MBA (KNUST), B.Ed (UEW)	Assistant Registrar (6 years)	<ul style="list-style-type: none"> • Strategic Management • Entrepreneurship • Research Administration • Organisational Behaviour • Project Management
Mr David K. Gyapong	MBA, BL, LLB (Ghana), B. Com (Cape Coast)	Assistant Registrar (4 years)	<ul style="list-style-type: none"> • Corporate Law • Land Law • General Litigation
Mr Kwamina K. Edonu	MComm. Design, BFA (KNUST)	Assistant Registrar (6 years)	<ul style="list-style-type: none"> • Communication Design • Drawing and Illustration
Mr Emmanuel Kweku Eshun	MSc, MSc, BSc (KNUST)	Systems Analyst (14 years)	<ul style="list-style-type: none"> • Networking Infrastructure
Ms Angelina Kwasi	M.Ed., B.Ed. (UEW), B.Ed., Dip.Ed., Cert A (Cape Coast)	Tech. Instructor/ Headmistress (12 years)	<ul style="list-style-type: none"> • Educational Administration and Management

THE FINANCE OFFICE

INTRODUCTION

The Finance Office is part of the Central Administration of the University. It provides efficient professional financial services with the highest level of ethics and integrity in support of the University's mission. The Office is responsible for recording the inflow and outflow of the University's financial resources and also ensures that the resources of the University are used for the intended purposes.

Other responsibilities of the Finance Office include identifying and managing financial and operational risks, monitoring, reporting and directing financial performance, ensuring efficient treasury management and funding strategy, provision of accounting services to the Faculties and Departments, budget preparation and procurement services for the University and collection and administration of students' fees, among others.

STAFF OF THE FINANCE OFFICE

Details of the Senior Members of the Finance Office, in terms of their names, professional and academic qualifications, designation and number of years at post and areas of specialisation are given in Table 15.

Table 15: Senior Members of the Finance Office and their qualifications/areas of specialisation.

Name	Academic/Professional Qualification	Current Designation & No. of years at post	Areas of specialisation
Mr Jonathan Sakoe	ICA (Ghana), MBA (Ghana), B.Ed (UCC)	Senior Accountant & Ag Finance Officer (9 years)	<ul style="list-style-type: none">AccountingAuditingMicrofinance
Mr James Bosomtwe	ICA(Ghana), CEMBA (KNUST), B.Com (UCC)	Accountant, Head Budget and Payables (2 years)	<ul style="list-style-type: none">BudgetingRisk ManagementAccounting and AuditingQuality Management
Mr Kwame Nkrumah	MSc (KNUST)	Accountant (4 years)	<ul style="list-style-type: none">AccountingAuditingTaxation

INTERNAL AUDIT UNIT

INTRODUCTION

The Internal Audit Unit exists as an independent governance structure within the University. It provides objective and independent assurance and consulting services in the areas of internal controls, governance and risk management. The Unit adds value to the University and assists in achieving its objectives. The Unit reports directly to the Vice Chancellor and functionally to the Audit Committee. The Unit also reports quarterly in accordance with the Public Financial Management Act, 2016 (Act 921). The Internal Audit Unit provides assurance services to the University.

STAFF OF THE INTERNAL AUDIT UNIT

Details of the Senior Member of the Internal Audit Unit, in terms of name, professional and academic qualifications, designation and number of years at post and areas of specialisation are given in Table 16.

Table 16 Senior Member of the Internal Audit Unit and qualifications/areas of specialisation.

Name	Academic/Professional Qualification	Current Designation & No. of years at post	Areas of specialisation
Mr Samuel Effah	ICA (Ghana), ACCA, MBA (Lincoln UK)	Senior Accountant and Head of Audit Unit (6 years)	<ul style="list-style-type: none">• Finance & Investment• Accounting• Auditing• Taxation

INTRODUCTION

The Library performs its core function of supporting the teaching, learning and research activities of the University. The Library is a member of the Consortium of Academic and Research Libraries in Ghana (CARLIGH).

STAFF OF THE UNIVERSITY LIBRARY

Details of the Senior Members of the University Library, in terms of their names, professional and academic qualifications, designation and number of years at post and areas of specialisation are given in Table 17.

Table 17 Senior Members of the UMaT Library and their qualifications/areas of specialisation.

Name	Academic/Professional Qualification	Current Designation & No. of years at post	Areas of specialisation
Ms Korklu A Laryea	MPhil, PGDL (Ghana), MA (UCL), B.Ed Dip. Arts (UCC)	Ag. Librarian (25 years)	<ul style="list-style-type: none"> • African Studies • Information Studies • Information Literacy
Mr Peter Anafo	MA, BA, Dip (Ghana)	Senior Assistant Librarian (14 years)	<ul style="list-style-type: none"> • Information Literacy • Institutional Repositories • Open Access
Ms Gloria Pomfowaa	MA (Ghana), BA (KNUST)	Assistant Librarian (8 years)	<ul style="list-style-type: none"> • Managing User Expectation • Reference Management • Security of Library Books
Mr Yaw Ofori	MA, BA, Dip (Ghana)	Assistant Librarian (29 years)	<ul style="list-style-type: none"> • Information Literacy • Reference Management

DEVELOPMENT AND MAINTENANCE UNIT

INTRODUCTION

The Development and Maintenance Unit forms an integral part of the Central Administration and has the responsibility for the infrastructural development and maintenance of facilities and services for effective and efficient operations of the University. The Unit ensures the management of estates, electricity, water supply, planning and organising general environmental sanitation of the University. Waste management, control and general supervision of various food vendors' forms part of the responsibilities of the Unit.

STAFF OF THE DEVELOPMENT AND MAINTENANCE UNIT

Details of the Senior Member of the Development and Maintenance Unit, in terms of name, professional and academic qualifications, designation and number of years at post and areas of specialisation are given in Table 18.

Table 18 Senior Member of the Development and Maintenance Unit and qualifications/ areas of specialisation.

Name	Academic/Professional Qualification	Current Designation & No. of years at post	Areas of specialisation
Papa Yaw Attobrah	PgD Arch, BSc. Arch. (KNUST), AGIA,	Senior Architect (16 years)	<ul style="list-style-type: none">• Project Management• Sustainable Development• Contemporary Architecture

