MALAWI UNIVERSITY OF BUSINESS AND APPLIED SCIENCES (**MUBAS**)

2026 Academic Prospectus

Contents

JOIN MUBAS

The Home of Innovation

Vice-Chancellor's Message

It is with great pleasure and humility that I welcome you to the Malawi University of Business and Applied Sciences (MUBAS), a prestigious university in Malawi aiming at competitively impacting and producing transferable skills through engagement in teaching, learning, research, consultancy, application of knowledge, skills and aptitudes to meet professional needs of the society at national, regional and global levels.

As a university, we are committed to be a leading steward in innovation, research and entrepreneurship. The university positions itself to generate relevant knowledge for the socio-economic development of the country. The university strives to provide student-centred learning programmes that will help scholars create an impactful education which will have a bearing on the livelihood of the communities at large.

The university offers diversified and unique programmes across the spectrum providing you with a wide range

of disciplines to choose from. Such programmes have a great impact on the wellbeing of the people. Our programmes are not only structured to enable our graduates be employed but they also offer an opportunity for our graduates to be entrepreneurial and innovative.

Considering that corporate values are pivotal for the development of any organization, MUBAS ensures that its aspirations are achieved through inculcating professionalism, ethics, equality, responsiveness and diversity in its operations. These aspirations are casted in the University's vision, mission statement and values.

The university observes excellence and professionalism in the conduct of all its business. It ensures prudent use of public resources for the smooth running of the university and upholds the rule of law.

The university has developed several legislations and policies for the smooth running of the university which include Sexual Harassment and Exploitation Policy, Protection from Sexual Exploitation and Abuse, aimed at safeguard the integrity of the university against sexual exploitation and abuses towards vulnerable people especially girls and women.

The university has a vibrant student support system and I would like to assure all students who are interested to join our prestigious university of that support.

It is my sincere hope that after going through this prospectus, you will make an informed choice of choosing MUBAS as your university for your academic and professional development.

Wishing you all the Best.

Associate Professor Nancy Chitera

Governance Structure

The MUBAS Council

The Malawi University of Business and Applied Sciences (MUBAS) was established through the MUBAS Act No.19 of 2019. The university became operational on 4 May 2020, and its overall governance was entrusted to the MUBAS Council, whose members are appointed by the university's Chancellor.

The Council, mandated by the MUBAS Act, serves as the university's governing body and has general supervisory responsibility for all its affairs, including its relations with the public.

MUBAS Council is comprised of two categories

1. Appointed Members

These are members who are appointed by the Chancellor from the university and include the following:

a. The Chairperson of Council, appointed by the Chancellor.
b. The Vice-Chancellor.
c. Two independent members appointed by the Chancellor, provided one of them is female.
d. Two alumni of the university, nominated by the alumni and appointed by the Chancellor, with at least one being female.
e. One member representing special interest groups in the education sector, appointed by the Chancellor.
f. One member of Senate, who must be a professor or a senior member of academic staff, appointed from its membership.
g. Two members designated by the Students Representative Council of the university, one of whom must be a postgraduate student, provided one of them shall be female.

2. Ex-Officio Members

These are members appointed to represent the government and consist of the following:

a. The Secretary for Education or their designated representative.
b. Secretary to the Treasury or their designated representative.
c. The Controller of Statutory Corporations or their designated representative.

Current Composition of the MUBAS Council

The MUBAS Council is composed of the following positions:

- Chairperson
- Vice Chairperson
- Vice-Chancellor
- Chairperson of Appointment Staff Development and Disciplinary
- Chairperson of Finance and Audit Committee
- Chairperson of Audit Committee and Risk
- Chairperson of Ad hock, Appeals and Grievances Committee
- Senate Member – Member
- Male Student member elected by the SRC – Member
- Female Student member elected by the SRC – Member

Functions and Powers of the Council

As provided in the MUBAS Act, the Council is entrusted with various functions and powers relating to the governance of the university.

Governance Structure of MUBAS

- The Council: These are members who oversee the overall governance of the university.
- Management: These are members who manage the day to day operations of the university
- Senate: These are members who regulate the academic affairs and welfare of the university.

Historical Background

The Malawi University of Business and Applied Sciences, (MUBAS), was formerly The Polytechnic, one of the constituent colleges of the University of Malawi, (UNIMA). It was established in 1965 with assistance from the government of the United States America to offer Apprenticeship courses. The aim was to provide technical training to the locals to accelerate development for the newly formed nation of Malawi.

When the University of Malawi (UNIMA) was born in 1967, The Polytechnic was incorporated as one of the colleges of UNIMA.

As a constituent college of the University of Malawi, The Polytechnic started with around four diploma programmes and in 1976, about 51 graduands from the college were awarded diplomas in mechanical and electrical engineering, building and civil engineering, business studies and technical teaching.

As part of its mandate to contribute to the human capital development of Malawi, the institution started offering degree programmes and over the years many Malawians and international students have graduated from institution with degrees and diplomas in various fields.

At the time of delinking from the University of Malawi, the institution had five faculties with 17 academic departments, offering different certificate, diploma, degree, master's degree and PhD programmes.

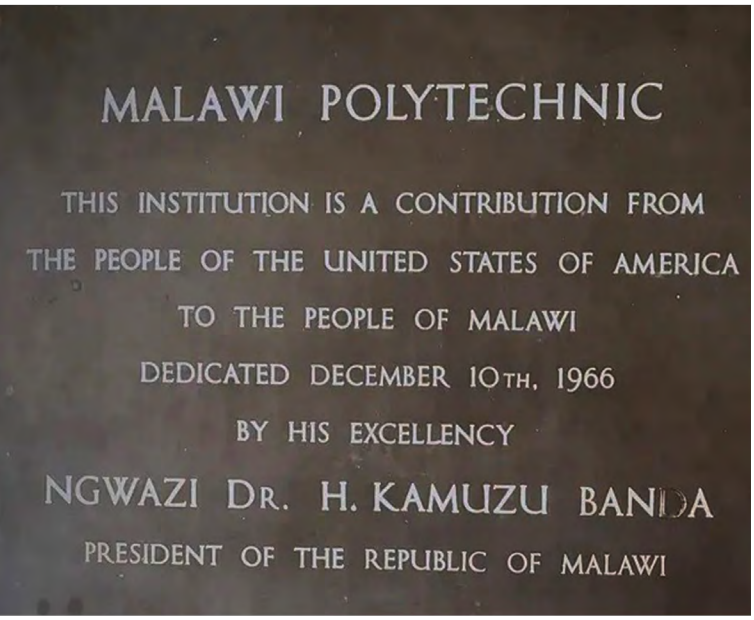
In 2017, government approved a decision to unbundle the University of Malawi and this led to the establishment of the Malawi University of Business and Applied Sciences.

MUBAS was established through the MUBAS Act NO.19 of 2019 and it became on operational 4 May, 2020.

The university has five schools, namely: The School of Business and Economic Sciences, The School of Built Environment, The School of Engineering, and The School of Science and Technology. MUBAS has 17 departments which are offering over 53 bachelors degree programmes. It currently has a student population of over 10,000 with 638 members of staff.

The head office of the University is situated along Masauko Chipembere High way at Ginnery, this is also the main campus of the university. Other campuses are at Chichiri next to Blantyre City Council Civic Offices, Nsalura in Salima, Lilongwe and Mzuzu.

Historical Background



VISION

To be an inclusive, engaged, entrepreneurial, innovative and research-intensive university

MISSION

To advance knowledge, professional competencies and innovation through outstanding teaching, research, consultancy, outreach and engagement with industry and stakeholders in useful ways. The university is committed to providing a vibrant and supportive intellectual environment that produces influential, entrepreneurial and innovative graduates, driving the pace of transformation locally and globally

VALUES

- Excellence
- Integrity
- Discovery and Innovation
- Entrepreneurship
- Responsiveness
- Inclusivity and Diversity

MANDATE

The University is mandated to competitively impart know-ledge and produce transferrable skills by engaging in teaching and learning, research, consultancy and application of knowledge, skills, and aptitudes to meet professional needs of society at national, regional, and global level. To deliver on its mandate effectively and efficiently, MUBAS is entrusted with the following responsibilities:

a. To provide accessible, equitable and high quality University education and training in various disciplines in response to local, regional, and global needs.
b. To advance and disseminate knowledge and skills through teaching, learning and practical skills training.
c. To promote industrial growth research and dissemination of knowledge.
d. To promote innovation, entrepreneurship, and commercialization of research.
e. To foster capacity for independent critical thinking and informed intellectual discourse among students.
f. To develop partnerships with industry for the generation, transfer, adoption, and application of technologies.

Why study with us?

Malawi University of Business and Applied Sciences (MUBAS) offers more than just academic excellence. MUBAS provides a holistic educational experience that prepares students for success in the real world. Here are some reasons why you should choose to study with us:

Established in 1965, MUBAS boasts of offering programmes tailor-made to respond to the needs of Malawi as a developing nation while meeting global expectations. The programmes offer you an array of choices from Business and Economic Sciences, Built Environment, Education Communication and Media Studies, Science and Technology, and Engineering.

MUBAS has state-of-the-art infrastructure, lecture theatres, laboratories, workshops, studios, and equipment to enable you to learn and acquire skills that are relevant to the industry. This makes MUBAS graduates highly marketable and sought after and stand a shoulder higher than their other colleagues.

MUBAS is strategically located near various industries, giving our students unparalleled opportunities for internships, job placements, and networking. Our strong connections with industry leaders ensure that our programs are relevant and up to date, providing you with easy access to apply the knowledge and skills you acquire and thrive in the real professional world.

Additionally, we understand the importance of fostering an entrepreneurial mind-set in today's competitive world. MUBAS provides a supportive environment for aspiring entrepreneurs, offering entrepreneurship programs, workshops, and mentorship opportunities. We aim to empower our students to create their own opportunities and positively impact the business world.

Located in the heart of Blantyre City, our university is conveniently situated with easy access to all forms of transport including air travel, railway, and a major road network making transport and commuting to and from campus a breeze. This means you can focus more on your studies and extracurricular activities, without the stress of long and tiring commutes.

Students of MUBAS enjoy easy and convenient access to shopping malls, a referral hospital, hotels, banks, recreation facilities like gymnasia, stadia, museums, and markets among other amenities. This ensures that our students have easy access to essential services and resources, making their time at university more convenient and comfortable.

Our students are accommodated both on and off campus. Being situated in the heart of the city, our students enjoy the freedom of choosing their accommodation depending on their budget. The city life that our students enjoy is even essential to provide a smooth transition even after graduation.

General Admission Requirements

Students can be admitted at MUBAS through the following programme options:

Certificate

Duration: 3-6 months
Requirements: A Pass at MSCE
Mode of Delivery: Face to face/ ODeL

Diploma

Duration: 18-36 months
Requirements: Certificate in relevant field; MSCE with at least 4 credits; For some programmes 2 years experience is required
Mode of Delivery: Face to face/ ODeL/ blended mode of delivery

Degree

Duration: 4-5 years
Requirements: Admission through NCHE; Six credits including English; Specific requirements are given under each programme
Mode of Delivery: Face to face/ ODeL/ blended mode of delivery

Extended Degree

Duration: Foundation year plus 5-6 years
Requirements: MSCE, O Level, with at least 5 credits. Must have applied for admission
Mode of Delivery: Face to face

Mature Entry

Duration: 2-3 years
Requirements: MSCE with at least 4 credits; For some programmes 2 years experience is required
Mode of Delivery: Face to face/ ODeL

Assessment Criteria

The university adopted the modular assessment rules and regulations for its undergraduate and postgraduate programmes in 2024 in conformity to the Grade Point Average system (GPA) which is being used globally. The university GPA system allows students to carry over a failed module at different levels of their study.

A standard module shall constitute 10 credits. In translation one credit is equivalent to 10 notion hours. A student will be required to complete a minimum of 60 credits per semester (that is 120 credits per year).

For a bachelor's degree program, a student will be required to have accumulated 480 credits and for an honours degree program a student needs to accumulate 600 credits to qualify for an award.

The grading system and interpretation of the GPA has been provided in the table below:

Range	Letter Grade	Grade Point	Quality of Grade	Academic Decision
96-100	A^{+}	4.00	Excellent	Distinction
90-95	A	3.90	Excellent	Distinction
80-89	A^{-}	3.70	Excellent	Distinction
77-79	B+	3.69	Very Good	High Credit
73-76	B	3.50	Very Good	High Credit
70-72	B-	3.00	Very Good	High Credit
67-69	C+	2.99	Good	Credit
63-66	C	2.70	Good	Credit
60-62	C-	2.50	Good	Credit
57-59	D+	2.49	Above Average	Pass
53-56	D	2.20	Average	Pass
50-52	D-	2.00	Satisfactory	Pass
45-49	E+	1.99	Unsatisfactory	Fail
40-44	E	1.00	Unsatisfactory	Fail
0-39	E-	0.00	Unsatisfactory	Fail

MULTIPLE ENTRY AND EXITS

Embedded into the university GPA system is a provision for multiple entry and exits for all programs the university offers in line with the formative and summative assessments available within the university system.

Graduation

MUBAS holds annual graduation ceremonies, typically in May, and the Chancellor presides over them. Since its inception, MUBAS has successfully graduated 458 students. Some students who enrolled with the institution while under the University of Malawi (UNIMA), proceeded to graduate under the umbrella of UNIMA. MUBAS takes pride in its growing alumni network. The university's graduation ceremonies are attended by family, friends, and industry stakeholders. Graduates are awarded certificates, diplomas and degrees in various fields, reflecting MUBAS's diverse academic offerings. As MUBAS continues to grow, its graduation ceremonies are expected to become even more prominent events.

School of Built Environment

Executive Dean's Profile

PREng. Dr. Witness Shaibu Kuotcha
Executive Dean– School of Built Environment (SoBE)

The School of Built Environment school is responsible for transferring knowledge and skills in the management of land and man- made environment, which includes roads, buildings, and town planning, among others. Specifically, the School is responsible for teaching, learning, research, consultancy, and outreach services in areas of land surveying, physical planning, land economy, quantity surveying and architecture to produce accomplished professionals in the aforementioned specialities. All the programmes in the school are housed at Chichiri Campus. The School is headed by an Executive Dean. The current holder is PREng. Dr. Witness Shaibu Kuotcha.

PREng. Dr. Witness Shaibu Kuotcha is a Professional Civil Engineer registered with Malawi Engineering Institution (MEI). He holds Doctorate Degree in Civil and Environmental Engineering from the University of Strathclyde – Glasgow, a Master of Science degree in Urban Infrastructure Engineering and Management from IHE – Delft, Netherlands and a Bachelor of Science degree in Civil Engineering from the University of Malawi.

PREng. Dr. Kuotcha has held several managerial positions in industry, served as Chairperson of the National Construction Industry Council (NCIC) Board of Directors, and is a member of the Projects and Policy Review Committee of the National Planning Commission. Before assuming the position of Executive Dean of Built Environment, PREng. Dr. Kuotcha was Deputy Dean of the Faculty of Engineering from 2019 to 2022, Head of Civil Engineering from 2005 to 2008, and Head of Mining Engineering from 2014 to 2018. He has published a number of articles in indexed journals, presented at conferences and carried out numerous consultancies.

Programmes


JOMO KENYATTA UNIVERSITY OF
AGRICULTURE AND APPLIED SCIENCES

Bachelor of Science in Architecture (Honours)

Department	Architecture
Duration	5 years
Programme Summary	The programme is aimed at providing expertise in all aspects of building design, spatial planning, construction materials and processes, theory of structures, model making, environmental aspects related to design, building services, history and theory of architecture, conservation and conversion of buildings.
Entry Requirements	**Normal entry:** 1. MSCE, "O" Level, IGCSE, with at least six credits including General Science/Physics/ Physical Science, Chemistry, English, and Mathematics; or 2. GCE with 3 credits including General Science/Physics/Physical Science, Chemistry, English, and Mathematics. Students with credits in art, technical drawing, design technology, geography and history will have added advantage. **Mature entry:** 1. A relevant certificate or diploma from the School of the Built Environment or any relevant built environment institution will be able to join in Year 2 of the programme; 2. A minimum of one-year post-qualification-related working experience in the construction Industry, with proven on-site experience. This experience must be documented in a Case Study report showcasing prominent projects worked on; with a portfolioof design and drafting works. Those without a portfolio will start from Year 1; 3. A Malawi School Certificate of Education (MSCE) and O-Level, A-Level, or GCE with at least six credits including General Science/Physics/Physical Science, Chemistry, Art/ Design and Technology, History/Information& Communication Technology, English and Mathematics.
Career Prospects	Graduate Architect, Building Surveyor,CAD Technician, Product designer, Interior and spatial designer, Research architect, Landscape design, Graphic design & Housing and Human settlement experts.

Modules

Semester One	Semester Two
Year One	
Architectural Design Studio I College Algebra and Trigonometry English for Academic Purposes History and Theory of Architecture I Introduction to Information & Communication Technology Mechanics	Architectural Design Studio II Business Communication Calculus Drawing, Model Making and Workshop Practice Heat, Oscillation and Waves History and Theory of Architecture II
Year Two	
Architectural Design Studio III Computer-Aided Design I Construction Technology I Environmental Design and Services I History and Theory of Architecture III Theory of Structures I	Architectural Design Studio IV Computer-Aided Design II Construction Technology II Environmental Design and Services II History and Theory of Architecture IV Theory of Structures II
Year Three	
Architectural Design Studio V Environmental Design and Services III Construction Technology III History and Theory of Architecture V Research Methods Structural Design I	Industrial Attachment
Year Four	
Architectural Design and Research Methods I Construction Economics I Construction Technology V Housing Settlements I Research Project I	Architectural Design and Research Methods II Construction Economics II Environmental Building Performance Housing Settlements II Research Project II
Year Five	
Advanced Architectural Design I Design Dissertation I Professional Practice I	Advanced Architectural Design II Design Dissertation II Professional Practice II

Bachelor of Science in Real Estate (Honours)

Department	Land Economy and Quantity Surveying
Duration	5 years
Programme Summary	The programme focuses to meet real estate sector demands. In this programme gain skills in Real Estate that include Land Administration, Land/Housing Economics, Real Estate Valuation, Real Estate Investment and Finance, Real Estate /Estates Management, Real Estate Development and Real Estate Agency/ Marketing.
Entry Requirements	**Normal entry:** Malawi School Certificate of Education (MSCE), "O" Level, IGCSE, or GCE with Six credits including English, Geography and Mathematics. **Mature entry:** 1. Minimum of 4 credits at MSCE, 'O' Level, IGCSE, or GCE or equivalent including English, Geography and Mathematics 2. Relevant Diploma in Land Economy/Land Administration/Land Surveying or any other related programme
Career Prospects	Estates/Property Manager, Real Estate Agent, Real Estate Valuation Officer, Real Estate Investment and Finance Consultant, Real Estate Investment Analyst, Estates/Real Estate management officer, Estates Development Officer, Chartered Real Estate Valuer

Modules

Semester One	Semester Two
Year One	
Micro-economics English for Academic Purposes Introduction to Real Estate College Algebra and Trigonometry Building Technology Introduction to Information & Communications Technology	Macroeconomics Principles of Property Valuation Land Use Planning Calculus Introduction to Quantity Surveying Construction Drawing
Year Two	
Property Development I Property Marketing Statistics Introduction to Land Surveying Accounting and Finance for Business General Principles of Law	Business Communication Land Law I Principles of Corporate Finance Real Estate Agency and Auctioneering Land Administration Property Management I
Year Three	
Land Governance Landlord and Tenant Law Housing Economics Property Valuation I Property Taxation Real Estate Market Analysis I	Real Estate Economics I Facilities Management I Real Estate Investment and Finance I Professional Practice Property Valuation II Research Methodology
Year Four	
Industrial Attachment / Work placement	Real Estate Economics II Entrepreneurship Real Estate Investment Appraisal Real Estate Project Facilities Management II Property Management II
Year Five	
Land Law II Specialised Property Valuation Real Estate and Sustainability Project Management Real Estate Market Analysis II Dissertation	Property Development II Agrarian Economies and Development Real Estate Investment and Finance II Specialised Property Valuation Property Management III Dissertation

Bachelor of Science in Quantity Surveying (Honours)

Department	Land Economy and Quantity Surveying
Duration	5 years
Programme Summary	This programme is aimed at providing expertise in construction industry sector and students are equipped with skills in all aspects of the construction industry that include Construction Economics, Construction Management, Estimator, Facilities Management, Procurement, Project Management and Cost Engineering.
Entry Requirements	**Normal entry:** Malawi School Certificate of Education (MSCE), "O" Level, IGCSE, or GCE with 6 credits including English, Physics, Chemistry and Mathematics. **Mature entry:** 1. Minimum of 4 credits at MSCE, 'O' Level, IGCSE, or GCE or equivalent including English, Physical Science and Mathematics 2. Relevant Diploma in Quantity Surveying/Construction Management/Civil Engineering or any other related programme 3. 2 years of industrial experience.
Career Prospects	Construction Manager, Project Manager, Facilities Manager, Chartered Quantity Surveyor, Chartered Construction Manager, Chartered Builder.

Modules

Semester One	Semester Two
Year One	
Micro-economics English for Academic Purposes Introduction to Quantity Surveying Trigonometry & College Algebra Construction Methods & Materials I Information & Communications Technology	Macroeconomics Business Communication Quantities I Calculus Construction Methods & Materials II Construction Drawing
Year Two	
Quantities II Quantity Surveying Practice I Statistics Accounting and Finance for Business General Principles of Law Construction Materials and Methods III	Construction Contracts Quantity Surveying Practice II Construction Materials and Methods IV Quantities III Structures Financial Corporate Management
Year Three	
Quantities IV Introduction to Land Surveying Advanced Construction Method Environmental Science and Services I Construction Economics I Quantity Surveying Practice III	Quantities V Quantity Surveying Practice IV Construction Economics II Research Methodology Environmental Science and Services II Quantity Surveying Information Technology
Year Four	
Industrial Attachment / Work placement	Quantities VI Construction Management I Construction Law and Administration I Quantity Surveying Practice V Quantity Surveying Project Entrepreneurship
Year Five	
Quantities VII Construction Management II Construction Law and Administration II Quantity Surveying Practice VI Dissertation Introduction to Real Estate	Quantities VIII Professional Practice Property Development Appraisal Project Management Dissertation Strategic Management in Construction

SOBE

programmes continue...

Bachelor of Science in Land Surveying (Honours)

Department	Land Surveying and Physical Planning
Duration	5 years
Programme Summary	The programme was developed to meet land administration and management demands. It prepares students to deal with opportunities and challenges in the field Students acquire knowledge and skills in cadastral surveying (property boundaries), Geodesy (dynamics of the shape of the earth), engineering surveying (construction industry), cartography (map making), Geographic Information Systems, spatial analysis (gaining insights in spatial dataset), hydrographic surveying (surveys on water bodies), remote sensing, photogrammetry, land law, research, and project implementation. Thus, surveying utilises highly specialised equipment for accurate products due to the sensitive nature of land.
Entry Requirements	**Normal entry:** Malawi School Certificate of Education (MSCE), "O" Level, IGCSE, or GCE with 6 credits including English, Physics, Chemistry and Mathematics. **Mature entry:** 1. Minimum of 4 credits at MSCE, 'O' Level, IGCSE, or GCE or equivalent including English, Physics, Chemistry and Mathematics 2. Relevant Diploma in Land surveying/Land Administration or any other related programme
Career Prospects	Engineering surveyors, Geophysical prospecting surveyors, Hydrographic surveyors, Land surveyors, Resource extraction surveyors, Topographical surveyors, Spatial Analysts

Modules

Semester One	Semester Two
Year One	
Introduction to Land Surveying English for Academic Purposes Mechanics College Algebra and Trigonometry Drawing Introduction to Information and Communication Technology	Land Surveying II Land Administration Heat, Oscillation, and Waves Calculus I Introduction to GNSS Computer Programming
Year Two	
Fundamentals of Geodesy Calculus II Statistics Cartography I Photogrammetry I General Principles of Law	Engineering Surveying I Geographic Information Systems I Business Communication Linear Algebra Ethics and Professional Practice Photogrammetry II
Year Three	
Fundamentals of Geodesy Health and Safety Practices Geographic Information Systems II Remote Sensing Photogrammetry I Research Methods	Industrial Attachment / Work placement
Year Four	
Surveying & Mapping Project Cadastral Surveying Cartography II Photogrammetry II Geodetic Surveying Land Surveying Measurement Techniques	Data Analysis by Least Squares Innovation and Entrepreneurship Cadastral Surveying II Space Geodesy Spatial Statistics Engineering Surveying (Optional Module) Mining Surveying (Optional Module) Hydrographic Surveying (Optional Module)
Year Five	
Dissertation I Project Management Data Analysis and Network Design Cadastral Studies Spatial Analysis **Option for specialization in the Semester I:** Space Geodesy Advanced Engineering Surveying I Mining Surveying II Hydrographic Surveying II	Dissertation II Ethics and Professional Practice Cadastral Surveying Project Spatial Statistics and Modelling **Option for Specialization in the Semester II:** Advanced Engineering Surveying II Physical Geodesy Mining Surveying II

Bachelor of Science in Urban and Regional Planning (Honours)

Department	Land Surveying and Physical Planning
Duration	5 years
Programme Summary	The programme is aimed at meeting the urban and regional development needs. It prepares students deal effectively with opportunities and challenges present at local and national level, and beyond. Students acquire knowledge and skills in spatial planning and design, transport planning and network analysis, urban and regional development and management strategies, climate change adaptation, planning law, research, project design and implementation, and spatial analysis through Geographic Information Systems (GIS) and remote sensing.
Entry Requirements	**Normal entry:** Malawi School Certificate of Education (MSCE), "O" Level, IGCSE, or GCE with 6 credits including Geography, English and Mathematics. **Mature entry:** 1. Minimum of 4 credits at MSCE, 'O' Level, IGCSE, or GCE or equivalent including Geography, English and Mathematics 2. Relevant Diploma in Physical Planning/Land Administration or any other related programme
Career Prospects	Spatial/Urban/Town/Regional planner, GIS expert, Environmental planner, Urban and site designer, Academia researcher/consultant, Project planning and management expert.

Modules

Semester One	Semester Two
Year One	
Introduction to Planning and Built Environment English for Academic Purposes Microeconomics College Algebra and Trigonometry Introduction to Land Surveying Information and Communications Technology	Planning Process and Survey Techniques Introduction to Land Administration and Management Macroeconomics Calculus Drawing and Model Making Introduction to Sociology
Year Two	
Community Development Planning Planning Law and Development Control Population Dynamics and Regional Planning Introduction of Disaster Risk Management Computer Aided Drawing I Cartography	Urbanization and Urban Development Policy Business Communication Regional Development Planning Planning for Sustainable Utility Infrastructure Statistics Computer Aided Drawing II
Year Three	
Planning for Tourism Planning and Decision-Making Theories Local Physical Development Planning Housing Studies I Transport and Land Use Planning Geographic Information Systems and Remote Sensing I	Waste Management Housing Studies II Development Economics Industrial Development Planning Public Transport and Network Analysis Research Methodology
Year Four	
Industrial Attachment	Participatory Planning Strategies Entrepreneurship Professional Practice and Ethics Geographic Information Systems and Remote Sensing II Urban and Regional Sociology Urban and Regional Planning Project
Year Five	
Management of Urban Growth Local Economic Development Project Planning and Management Spatial Analysis Climate Change Adaptation Planning Poverty, Livelihoods and Public Policy	Public Programmes in Planning and Development Project Finance and Budgeting Welfare, Human Rights and Gender in Planning Corruption, Law and Society Dissertation

School of **Business and Economic Sciences**

Executive Dean's Profile

Dr. Rabiya Hanif
Executive Dean– School of Business and Economic Sciences (SoBES)

Dr. Rabiya Hanif is the Executive Dean and Senior Lecturer in Accounting and for the School of Business and Economic Sciences with vast experiences in managerial, financial and strategic expertise and experiences. She holds a Bachelor's degree in Accountancy from the University of Malawi (1997), a Master of Science in Supply Chain Management from the University of Bolton, United Kingdom (2009) and a Doctorate degree in Economic and Management Sciences from North-West University, South Africa (2022).

Dr. Hanif is an Associate Chartered Management Accountant with the Chartered Institute of Management Accountants (CIMA) United Kingdom; Chartered Accountant (CA) with the Institute of Chartered Accountants in Malawi (ICAM), and is also a member of the Malawi Institute of Procurement and Supply (MIPS). She has published research work in the fields of Finance and Accounting, and Procurement and Supply Chain Management.

She has also served on the Boards of the Malawi College of Accountancy and the Malawi Institute of Journalism. Since joining the University in 1999, Dr. Hanif has served in different portfolios which include the position of Assistant College Finance Officer (2003 – 2007); Head of Accountancy Department (2007 – 2009) and Deputy Dean (2014 - 2019). Dr Hanif also worked with the then Income Tax Department now called the Malawi Revenue Authority as a Tax Inspector.

Programmes

Bachelor of Accountancy

Department	Accountancy and Finance
Duration	4 years
Programme Summary	The programme aims at preparing students for successful careers in the accounting and finance field in both the private and public sectors. It equips students with the technical financial reporting, communication and interpersonal skills necessary for success in the profession, and provides students with the ability to recognize ethical problems and resolve them in a way that meets the ethical standards of the profession and the public at large.
Entry Requirements	**Normal entry:** Six credits at MSCE, GCE or IGCSE O-Level including English and Mathematics or its equivalent.
Career Prospects	Auditor, Finance Manager, Financial Accountant/Controller, Management Accountant, Tax Accountant, Taxation Officer, Business Analyst, Finance Director, Investment analyst and Business Consultant

Modules

Semester One	Semester Two
Year One	
Fundamentals of Accounting Foundational Business Law Business Numeracy Introduction to Microeconomics Computer Applications English for Academic Purposes I	Business Accounting, I Employment and Labour Law Introduction to Calculus Introduction to Macroeconomics English for Academic Purposes II Principles of Management
Year Two	
Business Accounting II Cost Accounting Commercial Law Fundamentals of Statistics Management Information Systems Business Communication	Business Accounting III Costing and Budgetary Control Business Statistics Organisational and Managerial Communication I Introduction to Auditing Principles of Taxation
Year Three	
Financial Reporting, I Corporate Law I Information for Decision- Making Organisational and Managerial Communication II Organisational Behaviour Quantitative Analysis for Business and Economics	Financial Reporting II Corporate Law II Performance Management Business Research Methods Risk Management Auditing and Assurance Services I
Year Four	
Advanced Financial Reporting Financial Management Strategic Management Corporate Governance and Ethics Auditing and Assurance Services II Accounting Packages	Digital Transformation in Accounting Sustainability Accounting Security and Portfolio Management Entrepreneurship and Innovation Research Project Advanced Taxation

Bachelor of Internal Auditing

Department	Accountancy and Finance
Duration	4 years
Programme Summary	The programme equips students with technical auditing, communication and interpersonal skills necessary for success in the profession, and provides students with the ability to recognize ethical problems and resolve them in a way that meets the ethical standards of the profession and the public.
Entry Requirements	**Normal entry:** Six credits at MSCE, GCE or IGCSE O-Level including English and Mathematics or its equivalent. **Mature entry:** 1. Diploma in commerce-related fields or Diploma in Business Studies from a recognized examining body 2. MSCE/O-Level credit in Mathematics 3. Two years of relevant post-diploma experience.
Career Prospects	Internal Auditor, Risk and Compliance Manager, External Auditor, Forensic Investigator, Financial Consultant and Project Auditor/ Manager

Modules

Semester One	Semester Two
Year One	
Fundamentals of Accounting Foundational Business Law Business Numeracy Introduction to Microeconomics Computer Applications English for Academic Purposes I	Business Accounting, I Employment and Labour Law Introduction to Calculus Introduction to Macroeconomics English for Academic Purposes II Principles of Management
Year Two	
Business Accounting II Cost Accounting Commercial Law Fundamentals of Statistics Management Information Systems Business Communication	Business Accounting III Costing and Budgetary Control Business Statistics Organisational and Managerial Communication I Introduction to Auditing Principles of Taxation
Year Three	
Financial Reporting I Internal Controls and Reviews Information for Decision-Making Organisational and Managerial Communication II Organisational Behaviour Quantitative Analysis for Business and Economics	Project Management Corporate Law Management Consultancy Business Research Methods Risk Management Internal Auditing I
Year Four	
Strategic Management Accounting Packages Financial Management Corporate Governance and Ethics Forensic Auditing Internal Auditing II	Digital Transformation in Auditing Supply Chain Management Information Systems Auditing Entrepreneurship and Innovation Research Project Performance Auditing

Bachelor of Banking & Finance

Department	Accountancy and Finance
Duration	4 years
Programme Summary	The programme aims at developing professionals for the banking and finance field. The programme equips students with the technical, communication and management knowledge to make and execute business decisions. Students will also learn to apply the governance and ethical principles essential in the banking and finance fields.
Entry Requirements	**Normal entry:** Six credits at MSCE, GCE or IGCSE O-Level including English and Mathematics or its equivalent. **Mature entry:** 1. Advanced Diploma/Diploma in Banking and Finance or a Diploma in a related field from a recognized examining body 2. MSCE/O-Level credit in Mathematics 3. Two years of relevant post-diploma experience.
Career Prospects	Bank Manager, Investment Manager, Credit Analyst, Loans Officer, Trust Administrator Treasury Manager, Teller Supervisor,

Modules

Semester One	Semester Two
Year One	
Fundamentals of Accounting Foundational Business Law Business Numeracy Introduction to Microeconomics Computer Applications English for Academic Purposes I	Business Accounting I Employment and Labour Law Introduction to Calculus Introduction to Macroeconomics English for Academic Purposes II Principles of Management
Year Two	
Business Accounting II Introduction to Banking and Finance Fundamentals of Statistics Cost Accounting Commercial Law Business Communication Skills	Business Accounting III Cost and Budgetary Control Business Statistics Financial Markets & Institutions Principles of Taxation Organisational and Managerial Communication I
Year Three	
Econometric Theory Banking Law Organisational Behaviour Banking Products and Operations Public Debt Management Financial Services Marketing	Business Research Methods International Economics Project Management Digital Banking Risk Analysis and Management Corporate Finance
Year Four	
Treasury Management Human Resources Management Customer Services Management Corporate Governance and Ethics Financial Reporting and Analysis Financial Econometrics	Strategic Management Dissertation Finance and Security Analysis Entrepreneurship and Innovation Credit Risk Management

Bachelor of Commerce (Taxation)

Department	Accountancy and Finance
Duration	4 years
Programme Summary	The goal of the programme is to provide potential and future specialised tax personnel with the requisite knowledge to serve the Malawi economy by providing expert and speciality tax planning, computations and advice. The programme will ensure that an individual is well equipped for trascending to professional certification and postgraduate studies in the field of Accountancy, Auditing, and Taxation.
Entry Requirements	**Normal entry:** Six credits at MSCE, GCE or IGCSE O-Level including English and Mathematics or its equivalent.
Career Prospects	Tax Accountant; Taxation Officer; Taxation consultant; Accountant; Auditor; Risk Analyst; Business Analyst; Finance Director; Investment Analyst; Business Consultant

Modules

Semester One	Semester Two
Year One	
Fundamentals of Accounting General Principles of Law Business Mathematics Microeconomics Organisational Behaviour English for Academic Purposes	Business Accounting I Labour Law Calculus for Business Macroeconomics Computer Applications for Business Logical and Critical Thinking
Year Two	
Business Accounting II Cost Accounting Fundamentals of Taxation Fundamentals of Statistics Public Sector Finance Principles of Management	Business Accounting III Costing and Budgetary Control Supply Chain Management Value Added Tax Commercial Law Organisational and Managerial Communication
Year Three	
Financial Reporting I Company Law E-Commerce Management Quantitative Techniques Customs and Excise Income Tax	Industrial Attachment
Year Four	
Financial Modelling Strategic Management Corporate Governance and Ethics Business Research Methods Auditing and Assurance Services Accounting Packages	International Taxation Dissertation Risk Management in Accounting and Taxation Tax Auditing Case Law Entrepreneurship

Bachelor of Insurance and Risk Management

Department	Accountancy and Finance
Duration	4 years
Programme Summary	The programme supports human capital development in insurance and risk management in the country and beyond. The programme equips students with a comprehensive knowledge of principles and practices in insurance and risk management.
Entry Requirements	**Normal entry:** Malawi School Certificate of Education (MSCE) with at least SIX credits including English and Mathematics or its equivalent. **Mature entry:** Malawi School Certificate of Education (MSCE) with at least FOUR credits including English and Mathematics or its equivalent and a Diploma or Advanced Diploma in Insurance or Risk Management or other related fields
Career Prospects	Insurance Underwriters, Broker/Agents, Product Developers, Claims Adjusters, Loss Control Consultants, Risk Managers, Compliance Managers, Fraud Investigators, Risk Consultants, Reinsurance Analyst, Pension Administrators , Entrepreneurs, etc.

Modules

Semester One	Semester Two
Year One	
Fundamentals of Accounting Foundational Business Law Business Numeracy Introduction to Microeconomics Computer Applications English for Academic Purposes 1	Business Accounting Principles and Practice of Insurance Introduction to Calculus Introduction to Macroeconomics English for Academic Purposes II Principles of Management
Year Two	
General Insurance Life Assurance Commercial and Employment Law Fundamentals of Statistics Management Information Systems Business Communication Skills	Risk Management I Underwriting Practice Property and Liability Insurance Organisational and Managerial Communication I Business Statistics Principles of Marketing
Year Three	
Motor Insurance Insurance Law Risk Management II Organisational and Managerial Communication II Agriculture Insurance Quantitative Analysis for Business and Economics	Insurance Broking Practice Corporate Law Cargo and goods in transit Insurance Customer Service Management Health Insurance Business Research Methods
Year Four	
Reinsurance Financial Management Strategic Management Corporate Governance and Ethics Actuarial Science Claims Management	Pension Administration Financial Risk Management Entrepreneurship and Innovation Dissertation Internship

Bachelor of Procurement and Logistics Management

Department	Business Management
Duration	4 years
Programme Summary	The programme aims at producing professionals who are grounded in procurement and supply chain management concepts.
Entry Requirements	**Normal entry:** Six credits at MSCE or its equivalent including English and Mathematics. **Mature entry:** 1. Graduate Diploma in Purchasing and Supply Management or any other relevant business related diploma from a recognized examining body. 2. MSCE/O-Level credit in Mathematics & English. 3. Two years of relevant post-diploma experience.
Career Prospects	Procurement Manager, Logistics Manager, Stores Manager, Operations Manager, Supply Chain Specialist, Consultant, Business Analyst, Academician

Modules

Semester One	Semester Two
Year One	
Fundamentals of Accounting General Principles Business Mathematics Microeconomics Computer Applications English for Academic Purposes	Business Accounting I Commercial Law Management & Organisational Behaviour Macroeconomics Logical and Critical Thinking Principles of Procurement and Supply Chain Management
Year Two	
Cost Accounting Fundamentals of Taxation Warehousing and Inventory Management Principles of Marketing Fundamentals of Statistics Business Communication Skills	Commercial Negotiations Procurement planning and development of Specifications International Procurement Transportation and Logistics Management Corporate Law Organisational and Managerial Communication
Year Three	
Humanitarian Logistics Management Supply Chain Management Theory Management Quantitative Techniques Corporate Governance and Procurement Ethics Financial Reporting Public Procurement Regimes	Industrial Attachment Electronic Business Strategy
Year Four	
Projects and Contracts Management Operations Management Procurement & Disposal Audit and Investigations Business Research Methods Strategic Procurement Strategic Management	Supply Chain Risk Management Entrepreneurship Human Resources Management Sustainable Procurement and Supply Chain Management Dissertation

Bachelor of Business Administration (Generic)

Department	Business Management
Duration	4 years
Programme Summary	This is the only programme that takes a multi-disciplinary approach in studying business in Malawi. It covers business and business related subjects such as Marketing, Law, Organizational Behaviour, Human Resource Management, Economics, Accounting, Finance, Research, Computing, Mathematics and Statistics, Entrepreneurship etc. The aim is to equip students with knowledge, skills and competencies to successfully manage business functions, an organizational unit or an enterprise.
Entry Requirements	**Normal entry:** Six credits at MSCE, GCE or IGCSE O-Level including English and Mathematics or its equivalent. **Mature entry:** 1. Diploma in Business Studies or an Advanced Diploma in Business Studies/ Administration from a recognized institution 2. MSCE with a credit in Mathematics 3. Two years of relevant post-diploma experience.
Career Prospects	Business Development Officer, Procurement Officer/Manager, Marketing Officer/ Manager, Operations Manager, Human Resources Manager, Sales Manager, Project Manager, General Manager/Administrator, Business Consultant and Academician

Modules

Semester One	Semester Two
Year One	
Fundamentals of Accounting Principles of Management Business Numeracy Introduction to Microeconomics Computer Applications English for Academic Purposes I	Business Accounting I Fundamentals of Marketing I Introduction to Calculus Introduction to Macroeconomics Foundations of Business Law English for Academic Purposes II
Year Two	
Business Accounting II Cost Accounting Commercial Law Fundamentals of Statistics Fundamentals of Marketing II Business Communication	Business Accounting III Cost and Budgetary Control Business Statistics Organisational and Managerial Communication I Employment and Labour Law Fundamentals of Taxation
Year Three	
Digital Marketing I Organizational Behaviour Corporate Law I Managerial Economics Quantitative Analysis for Business and Economics Organisational and Managerial Communication II	Digital Marketing II Corporate Law II Development Economics Project Management Business Research Methods International Business Management
Year Four	
Financial Management Human Resources Management Operations Management Supply Chain Management Marketing Management Business Values, Ethics and Sustainability	Strategic Management Dissertation Entrepreneurship and Innovation Public Sector Management Leadership and Change Management

Bachelor of Business Administration (Marketing)

Department	Business Management
Duration	4 years
Programme Summary	This is the programme for those who are poised to become Marketing Professionals. Its aim is to provide students with the knowledge and skills needed to independently develop marketing strategy, applying the latest research methods for marketing decision-making, and using buyer behavior theory as a basis for marketing strategy.
Entry Requirements	**Normal entry:** Six credits at MSCE, GCE or IGCSE O-Level including English and Mathematics or its equivalent. **Mature entry:** 1. Diploma in Business Studies from a recognised University or an Advanced Diploma in Business Studies/Administration from a recognized institution or examining body 2. MSCE with a credit in Mathematics; 3. Two years of relevant post-diploma experience.
Career Prospects	Business Development Officer; Customer Relations Officer; Brands Manager; Public Relations Officer; Events Manager; Marketing Officer/Manager; Sales Manager; Business Consultant; Academician

Modules

Semester One	Semester Two
Year One	
Fundamentals of Accounting Principles of Management Business Numeracy Introduction to Microeconomics Computer Applications English for Academic Purposes I	Business Accounting I Foundational Business Law Introduction to Calculus Introduction to Macroeconomics English for Academic Purposes II Fundamentals of Marketing I
Year Two	
Business Accounting II Cost Accounting Commercial Law Fundamentals of Statistics Fundamentals of Marketing II Business Communication Skills	Business Accounting III Cost and Budgetary Control Business Statistics Employment and Labour Law Organisational and Managerial Communication I Fundamentals of Taxation
Year Three	
Digital Marketing Organizational Behaviour Corporate Law I Managerial Economics Quantitative Analysis for Business and Economics Organisational and Managerial Communication II	Digital Marketing II Project Management Sales Management and Ethics Digital Marketing Analytics Business Research Methods International Marketing
Year Four	
Financial Management Human Resources Management Operations Management Marketing Management I Supply Chain Management Consumer Behaviour	Strategic Management Dissertation Entrepreneurship and Innovation Marketing Management II Integrated Marketing Communications

Bachelor of Commerce in Entrepreneurship

Department	Business Management
Duration	4 years
Programme Summary	The programme aims at providing students with the knowledge and skills needed to develop a business strategy, grow business ideas, start a business, execute a business plan and successfully run a firm.
Entry Requirements	**Normal entry:** Six credits at MSCE, GCE or IGCSE O-Level including English and Mathematics or its equivalent. **Mature entry:** 1. Diploma in Business Studies or an Advanced Diploma in Business Studies/ Administration from a recognized institution 2. MSCE with an additional credit in Mathematics 3. Two years of relevant post-diploma experience
Career Prospects	Business Development Manager, Innovation Manager, Business Manager, Business Consultant and Entrepreneur

Modules

Semester One	Semester Two
Year One	
Fundamentals of Accounting Computer Application Business Numeracy Introduction to Microeconomics Fundamentals of Entrepreneurship English for Academic Purposes I	Principles of Management Foundational Business Law Introduction to Calculus Introduction to Macroeconomics Fundamentals of Marketing I English for Academic Purposes II
Year Two	
Creativity and Innovation Cost Accounting Commercial Law Fundamentals of Statistics Fundamentals of Marketing II Business Communication Skills	Introduction to Small Business Management Cost and Budgetary Control Fundamentals of Taxation Business Statistics Employment and Labour Law Organizational and Managerial Communication I
Year Three	
Quantitative Analysis for Business Business Law for Entrepreneurs Organisational Behaviour Sales Management Managerial Economics E-Commerce	Business Research Methods Digital Systems for Entrepreneurs Project Management Business Venture Creation I Development Economics Digital Marketing
Year Four	
Financial Management Human Resources Management Corporate Entrepreneurship Operations Management Marketing Management Performance Management	Strategic Management Business Planning & Development Business Venture Creation 2 Business Values, Ethics, and Sustainability International Business Management Risk Management

Bachelor of Commerce in Tourism Management

Department	Business Management
Duration	4 years
Programme Summary	The programme aims at developing highly trained personnel in tourism management with the dynamic understanding of the industry and capable of leading their organisations to create, develop and successfully manage tourist experiences they offer, adapt to changes in the market environment, attract international tourists and help the country achieve its economic growth objectives
Entry Requirements	**Normal entry:** Six credits at MSCE, GCE or IGCSE O-Level including English and Mathematics or its equivalent. **Mature entry:** 1. Advanced Diploma/Diploma in Tourism and/or Hospitality Management or in a related field from a recognized examining body 2. MSCE/O- Level credit in Mathematics 3. Two years of relevant post diploma experience
Career Prospects	Hotel/Facility Manager, Events Manager, Business Development Manager, Facilities Inspector, Tourism Officer, Foreign Affairs Officer and Diplomat

Modules

Semester One	Semester Two
Year One	
Fundamentals of Accounting Foundational business Law Business Numeracy Introduction to Microeconomics Computer Applications English for Academic Purposes I	Business Accounting Introduction to Macroeconomics English for Academic Purposes II Principles of Management Tourism Principles and Practice Introduction to Hospitality Management
Year Two	
Cost Accounting Fundamentals of Business Statistics Principles of Marketing Business Communication Employment and Labour Law Travel Agency and Tour Operations Management	Law for Tourism Cost and Budgetary Control Leisure and Recreational Tourism Organization and Managerial communication I Principles of taxation Sustainable Tourism
Year Three	
Cultural & Heritage Tourism Quantitative Analysis for Business and Economics Transportation for Tourism Business Research Methods Digital Tourism systems Tourism Destination Management	Industrial Attachment
Year Four	
Corporate Governance and Ethics Human Resource Management Tourism Marketing Management Operations Management Events Management Tourism Planning and Development	Strategic Management Dissertation ECO Tourism International Tourism Entrepreneurship & Innovation

Bachelor of Laws (Honours)

Department	Economics and Law
Duration	4 years
Programme Summary	A legal studies programme that augments general legal education with an orientation towards commerce. In addition to advocacy skills students are taught managerial and business skills to provide a cadre of legal experts that meet the demands of MW2063 agenda – leaders who can support the industrialization, commercialization and export orientation of Malawi.
Entry Requirements	**Normal entry:** MSCE or equivalent with at least 6 credits including English with credit AND 1. One year of university studies towards a Bachelors Degree with a grade point average of 3.0 or its equivalent 2. Advanced level (A-level) in any subject combination having satisfied the general university entry requirements of six credits at MSCE or its equivalent (in total 10 points, A*=6 points, A=5 points, B=4 points, C=3 points, D=2 points) 3. Diploma in any field with CREDIT from recognized institutions or 4. Bachelors Degree from a recognized university **Mature entry:** MSCE with six credits including English and Diploma in Law with credit from recognized institution Selection will be based on a Legal Aptitude Test which is administered after application.
Career Prospects	Lawyer, Administrator, Judge, Advocate, In-house counsel, Company Secretary, Prosecutor, Social Researcher, Human Rights Advocate, Arbitrator, Mediator, Head of Regulatory Affairs, Legal Publisher, Politician, etc.

Modules

Semester One	Semester Two
Year One	
Introduction to law Constitutional law Contract law Law of torts Criminal law Administrative law	Competition law Financial services law Industrial relations law Commercial law Public international law
Year Two	
Gender and the law Insurance law Wills and succession law Management and organisational behavior Business economics Regulatory compliance management Fundamentals of accounting	Jurisprudence Law of business organisations Private international law Land law Corporate governance Human rights law
Year Three	
Revenue law Property law Intellectual property law Law of international trade Corporate finance law Law of equity and trusts	Insolvency law Family law Law of evidence Civil procedure Criminal procedure Research methods
Year Four	
Industrial attachment	Entrepreneurship Commercial arbitration law Clinical legal education Commercial and corporate transactions Legislative drafting Dissertation

Bachelor of Commerce (Economics)

Department	Economics and Law
Duration	4 years
Programme Summary	The programme aims to support industrialisation, export and economic growth in Malawi by producing world-class economics graduates with an in-depth understanding of contemporary and emerging economic issues, commercial matters and managerial skills so that they provide informed decisions and solutions to policy-makers and business. Students are equipped with the knowledge, analytical competencies and practical skills for economic planning and decision-making. The programme is especially tailored to suit professionals ready to take up leadership positions in the private sector but still being equipped to serve the public sector, non-profit sector and academia.
Entry Requirements	**Normal entry:** Eligible candidates should have at least six credits including Mathematics and English at the Malawi School Certificate of Education (MSCE) or its equivalent. **Mature entry:** To join in Year 2, a candidate must have a Diploma in Economics or related field plus MSCE with four credits including Mathematics and English or any Bachelor Degree that covered similar modules offered in Year One, e.g. Bachelor of Accountancy or Business Administration. Mathematics should be a credit at MSCE or equivalent mathematical skills. Advanced level students with minimum grade A in Mathematics, and in addition with a minimum grade B in Economics or grade B in Business Studies can also join in Year 2.
Career Prospects	Economist, Risk Analyst, Data Scientist, Investment Analyst, Business Executive, Business Development Manager, Consultant, Trade Strategist, Policy Advisor, Advisor for National Planning/Government Ministries, Advocacy Officer in Non-Governmental Organisations (NGOs), Diplomatic Service Officer

Modules

Semester One	Semester Two
Year One	
Business Numeracy Computer Applications English for Academic Purposes I Fundamentals of Accounting Introduction to Microeconomics Principles of Management	Business Accounting English for Academic Purposes II Foundational Business Law History of Economic Thought Introduction to Calculus Introduction to Macroeconomics
Year Two	
Business and Employment Law Cost Accounting Fundamentals of Statistics Intermediate Microeconomics Mathematics for Economists Supply Chain Management	Business Communication Skills Business Statistics Costing and Budgetary Control Intermediate Macroeconomics Principles of Taxation Statistical Packages for Economists
Year Three	
Behavioural Economics Econometric Theory Environmental and Natural Resource Economics Managerial Economics Monetary Economics Public Sector Economics	Applied Econometrics Corporate Finance Development Economics International Economics Project Management Research Methods
Year Four	
Agricultural Economics Financial Economics Industrial Economics Labour Economics Marketing Management Research Proposal	Corporate Governance and Ethics Entrepreneurship and Innovation Financial Mathematics Research Project Strategic Management

Bachelor of Commerce (Energy and Resource Economics) - ODeL

Department	Economics and Law
Duration	4 years
Programme Summary	This multidisciplinary program is designed to produce professionals capable of managing the economic and environmental challenges Malawi's evolving energy and mining sector which form the bedrock for an industrialized and productive Malawi. The curriculum begins with a solid foundation in business management, accounting, and quantitative methods. As the students progress, the focus shifts toward specialized economic modeling (Econometrics) and the technicalities of both renewable and non-renewable resources and management of natural resources. By the final years, the program integrates high-level strategic modules like Energy Trading and Financing, Climate Change Economics, and Environmental Impact Assessment. It ultimately equips graduates to balance profitability with sustainability, and to maximize Malawi's national interests in geopolitical context and decision-making.
Entry Requirements	**Normal entry:** Candidates should have at least six credits including Mathematics and English at the Malawi School Certificate of Education (MSCE) or its equivalent or as specified by subsequent MUBAS regulations. In addition to that students need to have a strong credit in Mathematics at MSCE or equivalent mathematical skills **Mature entry:** Diploma in Economics or related field plus MSCE with four credits including Mathematics and English or any Bachelor Degree that substantially covered the modules offered in Year One. Mathematics should be a strong credit at MSCE or equivalent mathematical skills. Advanced level students with minimum grade A in Mathematics and in addition with a minimum grade B in Economics or grade B in Business Studies can also join in Year 2.
Career Prospects	Economist, Risk Analyst, Data Scientist, Investment Analyst, Energy Market Analyst, ESG (Environmental, Social, and Governance) Consultant, Sustainable Finance Analyst, Resource Procurement Manager, Government Advisor, Mineral Diplomacy Advisor, Advocacy Officer, Licensing Officer, Revenue Authority Advisor

Modules

Semester One	Semester Two
Year One	
Business Numeracy Computer Applications English for Academic Purposes I Fundamentals of Accounting Introduction to Microeconomics Principles of Management	Business Accounting English for Academic Purposes II Foundational Business Law History of Economic Thought Introduction to Calculus Introduction to Macroeconomics
Year Two	
Business Communication Skills Cost Accounting Fundamentals of Statistics Intermediate Microeconomics Mathematics for Economists Fundamentals of Energy	Business Statistics Costing and Budgetary Control Energy Interventions Energy Management and Audit Environmental and Energy Law and Policies Intermediate Macroeconomics
Year Three	
Econometric Theory Non-renewable Resource Economics Energy Economics Environmental and Natural Resource Economics International Economics Supply Chain Management	Econometric Theory Non-renewable Resource Economics Energy Economics Environmental and Natural Resource Economics International Economics Supply Chain Management
Year Four	
Agricultural Economics Economics of Climate Change Economics of Public Utilities Energy and Resource Marketing Environmental and Social Impact Assessment Research Proposal	Corporate Governance and Ethics Entrepreneurship and Innovation Energy Risk Management Energy Trading and Financing Research Project

Management Development Centre

The Management Development Centre (MDC) was established by the Malawi University of Business and Applied Sciences (MUBAS) to serve as a key driver for leadership, management, and professional development in Malawi and the surrounding region.

The Centre exists to provide practical and high-quality training, applied research, and consultancy services that strengthen both public and private sector institutions.

Through its work, MDC aims to bridge the gap between academic knowledge and workplace competence by equipping professionals with skills that directly respond to market and organizational needs.

Over the years, MDC has played a critical role in offering specialized short courses, executive education, and tailored training programs for various clients, including government institutions, private companies, and development partners.

In addition to training, the Centre undertakes consultancy and research assignments that contribute to national development goals and inform policy and practice in management and leadership.

Dr. Ella Kangaude-
MDC Manager

The centre is headed by a seasoned Academician, Consultant, Business Management Specialist, Entrepreneur and Researcher in the names of Dr. Ella Kangaude. Kangaude holds a PhD in Entrepreneurship, a Master's Degree in Business Administration, and a Bachelor's Degree in Business Administration. She has vast experience from both the academy and industry.

Programmes under offer

Professional Courses:

These target professionals and practitioners who have passed the tertiary education and would like to pursue professional qualifications in line with their career progression routes. Such professional courses are advertised in the media from time to time and these include professional courses offered by:

- Institute of Chartered Accountants (ICA)
- Institute of Chartered Accountants in Malawi (ICAM) professional level only
- Certified Internal Auditor (CIA)
- Certified Financial Analyst (CFA)
- Certified Fraud Examiners (CFE)

MDC is open to offering such professional courses including banking, human resources, economics, management, procurement, and entrepreneurship.

The centre offers such local and international professional courses on needs basis as identified by the industry.

Short Courses:

MDC runs short courses and in-house training programs in various areas including:

- Marketing Management
- Communication
- Finance and Accounting
- General Management Systems
- Supervisory and Management Skills
- Management Information Systems
- International Business
- Small and Medium Business Management
- Human Resource Management
- Transport Management
- Management Control Systems
- Leadership
- Taxation
- Commercial Law
- Industrial Relations
- Project Management
- Corporate Governance
- Business Ethics
- Entrepreneurship
- Creative Thinking and Innovation

MDC also offers Executive and Management development programmes and seminars targeting top and middle management and business owners in the corporate world.

Research and Consultancies:

MDC undertakes research work and consultancies on behalf of clients from any organization. The research and consultancies are in all areas including:

- Finance
- Business
- Commercial law
- Human resources and industrial relations
- Marketing and sales
- Entrepreneurship
- Operations management
- Transport and logistics
- Internal audit
- Tax

School of **Education, Communication and Media Studies**

Executive Dean's Profile

Dr. Kizito Kanyoma
Executive Dean– School of Education, Communication and Media Studies (SECOMS)

The School of Education, Communication and Media Studies is responsible for providing teaching, learning, research, consultancy and outreach services in applied education, communication, and media studies. Principally, the school offers its own programmes and services other schools in the university. It provides modules in language and communication, business communication, and social and behavior change programmes. It also provides pedagogical skills in the fields of mathematical sciences, business studies and technical sciences, among others. Finally, the school has three departments, namely: Language and Communication, Applied Education, and Journalism and Media studies. The School has Dr. K. Kanyoma as its Executive Dean.

Kizito Elijah Kanyoma holds a PhD in Supply Chain Management from the University of Newcastle, Australia; a Master of Science in Supply Chain Management from the University of Bolton in the United Kingdom; and a Bachelor's degree in Business Administration from the University of Malawi—The Polytechnic. He is a member of the Chartered Institute of Logistics & Transportation (CILT) and the Malawi Institute of Procurement and Supply (MIPS).

Before assuming the role of Executive Dean for SECOMS, Dr. Kizito Elijah Kanyoma served as the Dean of the School of Business and Economic Sciences at MUBAS from 2020 to 2023; Head of the Department of Business Administration from 2019 to 2020; a lecturer and web-learn facilitator for several undergraduate academic programs at the University of Newcastle's School of Human and Social Futures, in Australia; Facilitator of an online MBA program at the University of Newcastle. He has vast research experience and has published widely in reputable journals.

Programmes

Bachelor of Arts in Business Communication

Department	Language and Communication
Duration	4 years
Programme Summary	The Bachelor of Arts in Business Communication Programme is designed to produce graduates with skills and competencies to effectively manage strategic organisational communication
Entry Requirements	**Normal entry:** Malawi School Certificate of Education (MSCE) with six credits including English and at least a pass in Mathematics, 'O' Level or equivalent. **Mature entry:** A candidate with six credits at MSCE, 'O' Level or equivalent and a relevant diploma may join the programme at the beginning of year 2.
Career Prospects	Marketing and Communication Officer, Public Relations Officer, Health Communication Officer, Employee Relations Officer, Advertising Executive, Graphic Designer, Customer Services Communication Officer, Researche Officer, Development Communication Officer, Monitoring and Evaluation Officer.

Modules

Semester One	Semester Two
Year One	
Oral Communication Mass Communication Communication Theory English for Academic Purposes Computer Skills for Communicators Literature in English	Introduction to Business Communication Media and Society Logic and Critical Thinking Principles of Economics Introduction to Sociology Intercultural Communication
Year Two	
Financial Accounting Communication Ethics Print IEC Materials Audio-visual IEC Materials I Introduction to Statistics Business Writing	Digital Communication Principles of Management Communication Law Audio-visual IEC Materials II Principles of Marketing Crisis and Emergency Risk Communication
Year Three	
Organisational Communication Organisational Behaviour Introduction to Development Communication Advertising and Sales Promotion Customer Service Communication Social and Behavioural Change Communication	Internship
Year Four	
Public Relations Business Negotiations Project Management Government Communication Conflict Management Research Methods	Communications Management Advocacy Recruitment Communication Entrepreneurship and Innovation Management Global Communication Dissertation

Bachelor of Arts in Public Relations

Department	Language and Communication
Duration	4 Years
Programme Summary	The Bachelor of Arts in Public Relations (BPR) Programme designed to equip graduates with strategic communication, media relations, and reputation management skills, integrating practical experience through an internship to prepare them for diverse PR roles in various organizations.
Entry Requirements	**Normal entry:** Malawi School Certificate of Education (MSCE), with six credits including English and at least a pass in Mathematics. MSCE/O levels or its equivalent. **Mature entry:** A candidate with six credits at MSCE, 'O' Level or equivalent and a relevant diploma may join the programme at the beginning of year 2.
Career Prospects	Graduates of this programme work in Public Relations firms, Governmental and Non-Governmental Organizations, the Media Industry, and educational institutions as Public Relations Officers/Specialists, Corporate Communications Officers, Media Relations Managers, Crisis Communication Managers etc

Modules

Semester One	Semester Two
Year One	
English for Academic Purposes Oral Communication Communication Theory Introduction to PR Mass Communication Media Relations	Introduction to Business and Management Community Relations Principles of Marketing Writing for PR 1 Logic and Critical Thinking Intercultural Communication
Year Two	
Audio-visual PR Materials I Writing for PR II Integrated Marketing Communication Introduction to Statistics Print PR Materials Communication Ethics	Audio-visual PR Materials II Digital Communication Crisis Communication Communication Law Events Management PR in NGO
Year Three	
Organisational Behaviour Customer Service Communication Corporate Communication Strategic PR Management Advertising and Sales Promotion Media and Mobile Technologies in PR	Internship
Year Four	
Project Management Research Methods Conflict Management Political Communication Global PR Community Mobilisation	Resource Mobilisation and Management Innovations and Entrepreneurship PR Advocacy Recruitment Communication Monitoring, Evaluation & Learning in PR Dissertation

Bachelor of Arts in Social and Behaviour Change Communication

Department	Language and Communication
Duration	4 Years
Programme Summary	The Bachelor of Arts in Social and Behaviour Change Communication (BSBCC) Programme is a multidisciplinary programme designed to equip graduates with skills and competencies needed for SBCC programme conceptualisation and implementation, serving as a response to the demand for trained SBCC practitioners.
Entry Requirements	**Normal entry:** Malawi School Certificate of Education (MSCE), with six credits including English and at least a pass in Mathematics. MSCE/O levels or its equivalent. **Mature entry:** A candidate with six credits at MSCE, 'O' Level or equivalent and a relevant diploma may join the programme at the beginning of year 2.
Career Prospects	Graduates of this programme work in Governmental and Non-Governmental Organizations, Public Health, Development Media, and Advocacy sectors as SBC Specialists, Health Communication Specialists, Advocacy and Campaign Managers, Media and Communication Specialists, Community Engagement Officers, Social Marketing Specialists, etc.

Modules

Semester One	Semester Two
Year One	
English for Academic Purposes Oral Communication Introduction to SBCC Introduction to Psychology Basic Knowledge in Health Computer Skills for Communicators	Introduction to Business Communication Media and Society Intercultural Communication Principles of Economics Introduction to Sociology Logic and Critical Thinking
Year Two	
Social Psychology Audio-visual IEC Materials I Social & Behavioural Sciences Epidemiology Introduction to Statistics Print SBCC Materials Communication Ethics	Audio-visual IEC Materials II Digital Communication Crisis and Emergency Risk Communication SBCC Theories and Models Rights Based Approaches in SBCC Knowledge Management Systems
Year Three	
Health Promotion Social Marketing Planning & Implementing SBCC Interpersonal Communication Gender and Development Media and Mobile Technologies	Internship
Year Four	
Research Methods Development Policy and Practice in Malawi Behavioural Insights in Social & Behaviour Change Community Mobilisation Project Management Arts Based Approaches in SBCC	Resource Mobilisation Innovations and Entrepreneurship Development Advocacy Politics of Social Change Monitoring, Evaluation & Learning in SBCC Dissertation

SECOMS

programmes continue...

Bachelor of Arts in Journalism

Department	Journalism and Media Studies
Duration	4 years
Programme Summary	The programme trains students into highly skilled journalists whose main goal is to serve society by informing publics, scrutinizing exercise of power and stimulating democratic debate in order to contribute positively to economic, social, political and cultural development.
Entry Requirements	**Normal entry:** 1. Six MSCE/O-level credits including English and at least a pass in Mathematics, or 2. AS Certificate with a B-B-B-B grade combination including English and Mathematics, or 3. NS Certificate with a 6-6-6-6 grade combination including English and Mathematics. **Mature entry:** 1. Diploma in Journalism or Mass Communication from a recognised institution (i.e. internationally recognised universities and those recognised by the Government of Malawi and African Commonwealth Universities) 2. MSCE/O-level with at least 4 credits including English and any other social science subjects; and 3. At least 2 years relevant work experience.
Career Prospects	Public Relations Officer, Development Communication Officer, Print Media Journalist, Radio Presenter and Producer, TV Presenter and Producer, Business Analyst, etc.

Modules

Semester One	Semester Two
Year One	
Mass Communication Theory English Literature Computer Skills News Reporting for Print Psychology Communication Studies	News Writing for Print Statistics Aesthetics and Art Logic and Critical Thinking Mass Communication Theory Sociology
Year Two	
Media and Society Radio News Writing and Reporting Economics Television News Writing and Reporting History of Media in Malawi Political Studies	Online Journalism Media Ethics and Issues Copy Editing, Layout and Design. Media Law, Policy and Regulation Photojournalism African Economics Issues
Year Three	
Media Criticism Television Production Specialised Writing (Print) Radio Production Development Communication Integrated Marketing Communication	Internship
Year Four	
Investigative Journalism Special Project 1 Research Methods Media Economics Media and Global Culture	Dissertation Media Management Economics and Business Journalism Special Projects 2 International Relations

Bachelor of Arts in Digital Journalism

Department	Journalism and Media Studies
Duration	4 years
Programme Summary	The Bachelor of Arts in Digital Journalism is designed to equip students with the knowledge and practical skills required to operate effectively in the rapidly evolving digital media environment. The programme integrates traditional journalistic principles - such as news writing, reporting, media ethics, and investigative journalism, with emerging digital competencies including multimedia storytelling, data journalism, social media production, mobile journalism (MoJo), and digital content management.
Entry Requirements	**Normal entry:** 1. Six MSCE/O-level credits including English and at least a pass in Mathematics, or 2. AS Certificate with a B-B-B-B grade combination including English and Mathematics, or 3. NS Certificate with a 6-6-6-6 grade combination including English and Mathematics. **Mature entry:** 1. Diploma in Journalism or Mass Communication from a recognised institution (i.e. internationally recognised universities and those recognised by the Government of Malawi and African Commonwealth Universities) 2. MSCE/O-level with at least 4 credits including English and any other social science subjects; and 3. At least 2 years relevant work experience.
Career Prospects	Digital journalists, multimedia reporters, online editors, content producers, and social media managers in news organisations and digital media platforms. They may also work in related fields such as public relations, corporate communication, development communication, and digital marketing, while others may establish their own digital media ventures or multimedia production companies.

Modules

Semester One	Semester Two
Year One	
Introduction to Mass Communication English Literature Public Speaking Introduction to Information Technology Introduction to Digital Journalism Communication Studies	Web Publishing Numeracy & Statistics Aesthetics and Art Logic and Critical Thinking Psychology Sociology
Year Two	
Mass Media and Society Online Broadcasting 1 – Radio, Audio Introduction to Economics Online Journalism and social media Digital Media Ethics Development and Evolution of Digital Media	Web development and Management Online Broadcasting 2: Television Graphic Design Digital Law, Policy and Regulation Digital Photography and Publishing Political Communication
Year Three	
Media Criticism Search Engine Optimisation Specialised Writing for Digital Media Data Journalism Information Systems for Strategic Management Digital Marketing	Internship
Year Four	
Digital Investigative Journalism Computing Security Digital Media Research Methods Media Economics Digital Media and Global Culture Media Entrepreneurship and Innovation	Dissertation Digital Media Management Economics and Business Journalism Data and Web Analytics International Relations

Bachelor of Arts in Development Communication

Department	Journalism and Media Studies
Duration	4 years
Programme Summary	The Bachelor of Arts in Development Communication equips students with foundational knowledge and practical skills in using communication to support social and economic development. The programme focuses on how communication can be applied to address development challenges in areas such as health, agriculture, governance, and environmental sustainability. Students are trained in message design, community engagement, participatory communication, media production, and behaviour change communication, enabling them to effectively communicate with diverse audiences and promote positive social change.
Entry Requirements	**Normal entry:** MSCE Certificate or its equivalent with at least six credit passes including English and at least a pass in Mathematics.
Career Prospects	Graduates of the programme can work as communication officers, development communication practitioners, media producers, and community engagement specialists in government, non-governmental organisations, and development agencies. They may also pursue roles in public health communication, advocacy, social and behaviour change communication, and media consultancy, or engage in entrepreneurial ventures in communication and media production.

Modules

Semester One	Semester Two
Year One	
Introduction to Mass Communication Studies Development Theory Computer Skills & Applications Logic and Critical Thinking Indigenous and Community Media Communication Studies	History of Media and Development in Malawi Introduction to Development Communication Epistemology Liberatory Education Statistics and Data Communication Sociology
Year Two	
Participatory Rural Communication Appraisal Popular Culture Introduction to Economics Translation and Interpretation Script Writing and Production for social and Behaviour Change Development broadcasting	Social Marketing Political Economy for Malawian Media Development Economics Media Policy and Law Media Advocacy Theatre for Development
Year Three	
Development Journalism Participatory Radio Participatory Video Multi Media for Development Public Relations for Development Projects Health Communication	Industrial Attachments
Year Four	
Entrepreneurship for Development Communication Social Research Methods Resource Mobilisation and Management Designing Development Communication Campaigns Development Administration	Dissertation Project Management Monitoring & Evaluation Development Communication Projects: Case Studies Management and Leadership

SECOMS

programmes continue...

Bachelor of Education (Computer and Business Studies) - Generic and ODeL

Department	Applied Education
Duration	4 years
Programme Summary	The programme provides training for business studies teachers or trainers for Secondary Schools, Technical Colleges, and Technical and Vocational Rehabilitation Training centres.
Entry Requirements	**Normal entry:** Minimum of a verifiable Malawi School Certificate of Education (MSCE) certificate with a minimum of six credits including English and Mathematics Advanced Subsidiary (AS-Level) certificate with B-B-B-B grade combination including English, Mathematics. National Senior Certificate (NSC) with 6-6-6-6 grade combination including English, Mathematics. **Mature entry:** MSCE/O-level credits including English, Mathematics. Diploma in education or diploma in business or computer studies field Two years' work experience.
Career Prospects	Teachers in the following fields: Computer Studies, Business Studies, Mathematics, and Business-related courses like Accounting, Training Officers, Entrepreneurs, Banking and Insurance, etc.

Modules

Semester One	Semester Two
Year One	
College Algebra and Trigonometry Financial Accounting I English for Academic Purposes I Information Systems Micro-Economics Introduction to Communication Technology	Calculus Financial Accounting II English for Academic Purposes II Principles of Management Macro-Economics General Principles of Law
Year Two	
Philosophy of Education Cost Accounting Advanced Academic Writing Commercial Law Programming Business Mathematics	Business Statistics I Psychology of Education Management Accounting Web Programming Sociology of Education Principles of Marketing
Year Three	
Business Statistics II Special Needs and Inclusive Education Financial Management Network Fundamentals Curriculum Studies Information and Communication Technology Skills for Education	Teaching Methods for Commerce Teaching Methods for Mathematics and Sciences Testing, Measurement and Evaluation Research Methods Instructional Media and Technology International Business Law Principles of Taxation
Year Four	
Teaching Practice	Strategic Management Database Management System Entrepreneurship and Small Business Enterprise Marketing Management Educational Management and Leadership Dissertation

Bachelor of Technical Education (Science)

Department	Applied Education
Duration	4 years
Programme Summary	The programme provides training for technical and science teachers or trainers who may be employed in secondary schools, technical colleges, vocational training.
Entry Requirements	**Normal entry:** Minimum of a verifiable Malawi School Certificate of Education (MSCE) certificate with a minimum of six credits including English, Mathematics, Physics and Chemistry Advanced Subsidiary (AS-Level) certificate with B-B-B-B grade combination including English and Mathematics. National Senior Certificate (NSC) with 6-6-6-6 grade combination including English, Mathematics. **Mature entry:** MSCE/O-level credits including English and Mathematics. Diploma in Education or Diploma in Technical Education field Two years' work experience
Career Prospects	Teachers in the following fields: Metalwork, Woodwork, Technical Drawing, Science and Mathematics, Wood and Metal Industry Technicians, Entrepreneurs, Telecoms, Engineering, etc.

Modules

Semester One	Semester Two
Year One	
English for Academic Purposes I College Algebra and Trigonometry Physics I Technical Drawing I Wood Technology I Introduction to Communication Technology	English for Academic Purposes II Wood Technology II Metal Technology I Calculus I Technical Drawing II Chemistry I
Year Two	
Chemistry II Philosophy of Education Metal Technology II Technical Drawing III Calculus II Physics II	Psychology of Education Sociology of Education Wood Technology III Technical Drawing IV Linear Algebra Engineering Science I
Year Three	
Curriculum Studies Physics III Metal Technology III Differential Equations Computer Aided Drawing I Introduction to Special Needs and Inclusive Education	Testing, Measurement and Evaluation Teaching Methods for Mathematics and Sciences Teaching Methods for Vocational and Technical Subjects Instructional Media and Technology Design and Realisation I Computer Aided Drawing II Research Methods I
Year Four	
Teaching Practice	Research Methods II Education Management and Leadership Engineering Science II Design and Realisation II Finance for Entrepreneurs Electrical Science Small Business Management

Bachelor of Technical Education (Technology) (Honours)

Department	Applied Education
Duration	5 years
Programme Summary	The programme produces graduates above the skilled crafts with education background to assume the role of technical trainers. It delivers a graduate programme in Technical and Vocational Education with emphasis on practical application of scientific principles.
Entry Requirements	**Normal entry:** Malawi School Certificate of Education (MSCE) or its equivalent with six credits including English, Mathematics, Physics and Chemistry. **Mature entry :** MSCE or O-level six credits including English and Mathematics Diploma in education or diploma in technical field Two years' relevant work experience
Career Prospects	Teachers in Technical Colleges, Production Managers, Training Officers, Entrepreneurs, Telecoms, Engineering, etc.

Modules

Semester One	Semester Two
Year One	
English for Academic Purposes I Introduction to Communication Technology Workshop Technology Workshop Practice Technical Drawing I College Algebra and Trigonometry	Engineering Materials I, Welding Technology I (option), Mechanical Technology I (option), Wood Technology I (option), Electrical circuits (option), Automobile Mechanics Technology I (option), Welding Practice I (option), Mechanical Practice I (option), Wood Practice I (option), Electrical Power Generation (option), Automobile Mechanics Practice I (option), Technical Drawing II, English for Academic Purposes II, Calculus I
Year Two	
Calculus II; Philosophy of Education; Fabrication Technology I (option); Mechanical Technology II (option); Wood Technology II (option); Electrical Technology II (option); Vehicle Electrical Technology (option); Fabrication Practice I (option); Mechanical Practice II (option); Wood Practice II (option); Electrical Practice II (option); Vehicle Electrical Practice (option); Technical Drawing III; Engineering Materials II	Engineering Science I, Sociology of Education, Welding Technology II (option), Mechanical Technology III (option), Wood Technology III (option), Electrical Technology III (option), Automobile Mechanics Technology III (option), Welding Practice II (option) Mechanical Practice III (option), Wood Practice III (option) Electrical Practice III (option), Automobile Mechanics Practice III (option), Technical Drawing IV, Psychology of Education
Year Three	
Curriculum Studies; Special Needs and Inclusive Education; Engineering Science II; Fabrication Technology II (option); Mechanical Technology IV (option); Wood Technology IV (option); Electrical Supply Technology I (option); Light Vehicle Technology (option); Fabrication Practice II (option); Mechanical Practice IV (option); Wood Practice IV (option); Electrical Supply Practice I (option); Light Vehicle Practice (option); Computer Aided Drawing I	Testing, Measurement and Evaluation Research Methods I, Teaching Methods for Mathematics and Sciences, Teaching Methods for Technical and Vocational Education, Instructional Media and Technology, Computer Aided Drawing II Design and Realisation I
Year Four	
Teaching Practice	Design and Realisation II, Welding Technology III (option), Mechanical Technology V (option), Wood Technology V (option), Electrical Supply Technology II (option), Heavy Vehicle Technology (option), Welding Practice III (option), Mechanical Practice V (option), Wood Practice V (option), Electrical Supply Practice II (option), Heavy Vehicle Practice (option), Research Methods II, Educational Management and Leadership, Small Business Management (5 credits), Finance for Entrepreneurs (5 credits)
Year Five	
Industrial Practice	Project Management Quality Assurance Management Entrepreneurship Education Workshop Planning and Management Occupational Safety, Health and Environment Industrial Design

Bachelor of Special Needs and Inclusive Education

Department	Applied Education
Duration	4 years
Programme Summary	The goal of the programme is to develop human capital in special needs, disability and inclusive education. Consequently, enhancing management of schools and colleges by equipping graduates with inclusive Technical vocational entrepreneurial mind-set. The programme aims to prepare students with pedagogy, content and practical skills in special needs, inclusive education, business and computer discipline.
Entry Requirements	**Normal entry:** MSCE or its equivalent with a minimum of six credits including English, Mathematics. **Mature entry:** Applicants with at least four credits in MSCE/O-level including English and Mathematics and either Diploma in special needs and inclusive education with two years' work experience will be admitted in second year.
Career Prospects	Managers, Researchers, Sign Language Interpreters, Therapist, Assessors of persons with disabilities, Teachers in Special Needs.

Modules

Semester One	Semester Two
Year One	
Introduction to Special Needs Education Human Anatomy and Pathophysiology Introduction to Inclusive Education College Algebra and Trigonometry English for Academic Purposes I Information Systems Introduction to Communication Technology	Vision Assessment and Rehabilitation Hearing Assessment and Rehabilitation Deafblindness Assessment and Rehabilitation Inclusive Education Discrete Mathematics English for Academic Purposes II
Year Two	
Neurodevelopmental Disorders Specific Learning Difficulties Malawi Sign Language I Philosophy of Education Advanced Academic Writing Programming I (Computer Option) Calculus (Mathematics Option)	Health and Physical Disabilities Social Emotional and Behaviour Disorders Braille Reading and Writing I Sociology of Education Psychology of Education Advanced Programming (Computer Option) Linear Algebra (Mathematics Option)
Year Three	
Malawi Sign Language II Braille Reading and Writing II Occupation Therapy and Rehabilitation Curriculum Studies Information and Communication Technology Skills for Education Web Programming (Computer Option) Differential Equations (Mathematics Option)	Teaching Methods for Special Needs Teaching Methods for Mathematics and Sciences Malawi Sign Language III Braille Reading and Writing III Testing, Measurement and Evaluation Research Methods I Instructional Media and Technology Network Fundamentals (Computer Option) Abstract Algebra (Mathematics Option)
Year Four	
Teaching Practice	Malawi Sign Language IV Braille Reading and Writing IV Emerging Issues in Special Needs and Inclusive Education Database Management System (Computer Option) Entrepreneurship and Small Business Enterprise Educational Management and Leadership Research Methods II Multi variate Calculus (Mathematics Option)

School of Engineering

Executive Dean's Profile

Associate Professor Burnet Mkandawire
Executive Dean– School of Engineering (SoE)

Associate Professor Burnet Mkandawire is an Electromechanical Engineer specializing in Electric Power and Energy Systems, with expertise in grid/off-grid system design, systems thinking in power systems, and lifecycle modelling of engineering assets using probabilistic and stochastic techniques.

He holds a PhD and MSc in Electrical Engineering from the University of KwaZulu-Natal, South Africa, and a BSc in Mechanical Engineering from the University of Malawi, along with several international postgraduate qualifications.
Mkandawire has held leadership roles such as Head of Mechanical Engineering (2012–2013, 2016–2020) and Senator in the University of Malawi Senate (2016–2022). Before academia, he worked in the Malawi Ministry of Transport and Public Works.

Additionally, he has led over 74 industrial consultancy projects in Malawi and Mozambique in areas such as energy modelling, condition monitoring, maintenance, climate resilience, and mechanical systems.

Programmes

Bachelor of Biomedical Engineering (Honours)

Department	Electrical Engineering
Duration	5 years
Programme Summary	The programme focuses to address the demands and need for well-trained biomedical engineers. Students in the programme acquire strong foundation and practical skills in the major areas of biomedical engineering including biomechanics. bioinstrumentation, bioimaging, biomaterials, and maintenance of biomedical equipment.
Entry Requirements	**Normal entry:** 1. MSCE or O-Level with six credits including English, Mathematics, General Science (Physics and Chemistry) and Biology; or 2. A-level (IGCSE/GCE) with at least a grade of C in English, Mathematics, Physics or Chemistry or General Science and Biology. Candidates must have passed IGCSE/ GCE-O Level subjects with the required number of credits. **Mature entry:** **Entry into Year 2:** Diploma in Electrical or Mechanical Engineering or its equivalent plus MSCE with six credits including English, Mathematics, Biology, Physical Science (Physics and Chemistry) or General Science. **Entry into Year 3:** Advanced Diploma/University Diploma in Biomedical Engineering or its equivalent plus MSCE with six credits including English, Mathematics, Biology, Physical Science (Physics and Chemistry) or General Science.
Career Prospects	Medical devices engineer, Quality engineer, Rehabilitation engineer, Medical doctor, Biomedical scientist/researcher, Independent biomedical consultant, Manufacturing engineer, Biomaterials developer, Regulatory engineer, Technical sales manager, Bioinformatician. Health officer, Manager, Lecturers, Researchers.

Modules

Semester One	Semester Two
Year One	
Algebra and Trigonometry English for Academic Purposes Engineering Drawing I Chemistry Mechanical Science Information and Communication Technology	Calculus I Business Communication Skills Principles of Engineering Design Physics Mechanical Workshop Practice Human Anatomy and Physiology
Year Two	
Calculus II Programming I Medical Devices Lab I Biomaterials Electricity and Magnetism Quantitative Human Physiology	Linear Algebra Programming II Digital Electronics with Lab Analog Electronics with Lab Medical Devices Lab II Thermofluid Sciences
Year Three	
Data Structures and Algorithms Signals and Systems Business Management and Entrepreneurship Electromechanical Actuators Probability and Statistics Medical Instrumentation I	Medical Imaging I Biosolid Mechanics Biosignal Processing Medical Instrumentation II Numerical Methods Human Factors for Medical Devices
Year Four	
Medical Imaging II Project Management Machine Learning for Healthcare Control Systems Biofluid Mechanics Ethics for Biomedical Engineers	Industrial Attachment
Year Five	
Medical Image Processing Computational Biomechanics Principles of Biophotonics Networks and Systems Biology Principles of Tissue Engineering Final Year Project	Healthcare Technology Management Introduction to Bioinformatics Rehabilitation Engineering Real-time Embedded Systems Medical Robotics Final Year Project

Bachelor of Electronics and Computer Engineering (Honours)

Department	Electrical Engineering
Duration	5 years
Programme Summary	The programme produces engineers with the ability to conduct research, manage electronic engineering equipment, computer hardware, software and apply principles and techniques in electronic and computer engineering technologies.
Entry Requirements	**Normal entry:** 1. MSCE or O-Level with six credits including English, Mathematics, and General Science (Physics and Chemistry), or 2. A-level (IGCSE/GCE) with at least a grade of C in English, Mathematics, and Physics or Chemistry or General Science. Candidates must have passed IGCSE/GCE-O Level subjects with the required number of credits. **Mature entry:** **Entry into Year 2:** Diploma in Electronics and Computer Engineering or its equivalent plus MSCE with six credits including English, Mathematics, Physical Science (Physics and Chemistry) or General Science, **Entry into Year 3:** Advanced Diploma/University Diploma in Electronics and Computer Engineering or its equivalent plus MSCE with six credits including English, Mathematics, Physical Science (Physics and Chemistry) or General Science.
Career Prospects	Designer/developer, Software Engineer, Hardware Systems Designer, Business Systems Analyst Client Support Representative, Computer Engineer, Computer Security Analyst. database Developer, Hardware Systems Designer, Web Developer, Test Engineer, Application Developer, Author, System Control Engineer.

Modules

Semester One	Semester Two
Year One	
Engineering Drawing I Algebra & Trigonometry Mechanical Science Chemistry English for Academic Purposes Computer Hardware	Electrical Science Principles of Engineering Design Physics I Calculus I Business Communication Skills Engineering Drawing II
Year Two	
Electrical Circuits Wireless Networks Calculus II Electrical Engineering Practice Programming I Electrical Engineering Materials	Linear Algebra Programming II Web Development Analogue Electronics I Digital Electronics I Electrical Drawing
Year Three	
Business Management and Entrepreneurship Probability and Statistics Analogue Electronics II Digital Electronics II Electrical Machines Fundamentals Signals and Systems	Measurements and Instrumentation Desktop & Mobile Applications Development Data Communication Networks Database Systems Numerical Methods Operating Systems Principles
Year Four	
Project Management Microprocessor Interfacing and Programming Software Engineering Analogue Electronics III Control Systems Fundamentals Digital Signal Processing	Industrial Attachment
Year Five	
Algorithm Analysis and Design Final Year Project Machine Learning Operating Systems Server Administration Embedded Systems Programmable Logic Controllers	Data Science Computer Organisation and Design Computational Intelligence Real Time Systems Power Electronic Devices and Applications Final Year Project

Bachelor of Electrical and Electronics Engineering (Honours)

Department	Electrical Engineering
Duration	5 years
Programme Summary	The programme produces Engineers capable of managing electrical engineering equipment, machines and applying principles and techniques in electrical engineering technologies.
Entry Requirements	**Normal entry:** 1. MSCE or O-Level with six credits including English, Mathematics, and General Science (Physics and Chemistry), or 2. A-level (IGCSE/GCE) with at least a grade of C in English, Mathematics, and Physics or Chemistry or General Science. Candidates must have passed IGCSE/GCE-O Level subjects with the required number of credits. **Mature entry:** **Entry into Year 2:** Diploma in Electrical and Electronics Engineering or its equivalent plus MSCE with six credits including English, Mathematics, Physical Science (Physics and Chemistry) or General Science. **Entry into Year 3:** Advanced Diploma/University Diploma in Electrical and Electronics Engineering or its equivalent plus MSCE with six credits including English, Mathematics, Physical Science (Physics and Chemistry) or General Science.
Career Prospects	Electrical contractors, Consultants, Electrical Engineer, Maintenance Engineer, Equipment Operators, Design Engineer, Control Systems Engineer, Electrical Machine Operators, Electronics Equipment and Systems Designers, Computer-Aided Design Technicians.

Modules

Semester One	Semester Two
Year One	
Algebra & Trigonometry English for Academic Purposes Engineering Drawing I Mechanical Science Chemistry Information and Communication Technology	Calculus I Business Communication Skills Electrical Science Principles of Engineering Design Physics Engineering Drawing II
Year Two	
Calculus II Electromagnetics Electrical Engineering Practice Programming I Electrical Engineering Materials Electrical Circuits	Linear Algebra Analogue Electronics I Digital Electronics I Statics and Dynamics Programming II Electrical Drawing
Year Three	
Analogue Electronics II Digital Electronics II Electrical Machines I Business Management and Entrepreneurship Probability and Statistics Signals and Systems	Data Communication Networks Electrical Machines II Photovoltaic Power Systems Measurements and Instrumentation Numerical Methods Introduction to Software Engineering
Year Four	
Project Management Electrical Power Generation Microprocessor Interfacing and Programming Analogue Electronics III Control Systems I Power Electronics	Industrial Attachment
Year Five	
Control Systems II Final Year Project Machine Learning Programmable Logic Controllers Embedded Systems Energy Management Audit	Power Transmission and Distribution Power System Reliability Final Year Project Production and Operation Management Power System Protection Power System Analysis

Bachelor of Electronics and Telecommunication Engineering (Honours)

Department	Electrical Engineering
Duration	5 years
Programme Summary	The programme equips students with skills in all aspects of design, development, manufacture, commissioning, decommissioning, operation or maintenance of telecommunication equipment.
Entry Requirements	**Normal entry:** 1. MSCE or O-Level with six credits including English, Mathematics, and General Science (Physics and Chemistry), or 2. A-level (IGCSE/GCE) with at least a grade of C in English, Mathematics, and Physics or Chemistry or General Science. Candidates must have passed IGCSE/GCE-O Level subjects with the required number of credits. **Mature entry:** **Entry into Year 2:** Diploma in Telecommunication Engineering or its equivalent plus MSCE with six credits including English, Mathematics, Physical Science (Physics and Chemistry) or General Science. **Entry into Year 3:** Advanced Diploma/University Diploma in Telecommunication Engineering or its equivalent plus MSCE with six credits including English, Mathematics, Physical Science (Physics and Chemistry) or General Science.
Career Prospects	Engineering Consultant, Telecommunication Engineer, Entrepreneur Broadcast/Sound Engineer, Spectrum Engineer, Maintenance Engineer, Switching/Transmission Engineer, Service Engineer, RAN Engineer, Telecommunication Lecturer, Entrepreneur, Researcher, Radio and Television Stations Personnel.

Modules

Semester One	Semester Two
Year One	
Algebra & Trigonometry Chemistry Engineering Drawing I English for Academic Purposes Information and Communication Technology Mechanical Science	Business Communication Skills Calculus I Electrical Science Engineering Drawing II Physics Principles of Engineering Design
Year Two	
Calculus II Wireless Networks Electrical Engineering Materials Electrical Circuits Electrical Engineering Practice Programming I	Analogue Electronics I Digital Electronics I Electrical Drawing Linear Algebra Programming II Statics and Dynamics
Year Three	
Analogue Electronics II Digital Electronics II Electrical Machines Fundamentals Business Management and Entrepreneurship Probability and Statistics Signals and Systems	Analogue Communication Data Communication Networks Digital Communication Introduction to Software Engineering Measurements and Instrumentation Numerical Methods
Year Four	
Analogue Electronics III Control Systems Fundamentals Digital Signal Processing Microprocessor Interfacing and Programming Project Management Telecommunication Systems Fundamentals	Industrial Attachment
Year Five	
Data Communication Systems Embedded Systems Final Year Project Machine Learning Propagation and Antennas Telephony Systems	Engineering and Society Final Year Project Microwave Engineering Mobile Telecommunication Systems Optical Communication Systems TV and Radio Broadcasting Systems

Bachelor of Civil Engineering (Honours)

Department	Civil Engineering
Duration	5 years
Programme Summary	The programme equips students with knowledge, skills and competencies applicable in the civil engineering fields such as structural, transportation and water engineering. Students learn engineering theories, and indulge in practical sessions
Entry Requirements	**Normal entry:** 1. MSCE or O-Level with six credits including English, Mathematics, and General Science (Physics and Chemistry), or 2. A-level (IGCSE/GCE) with at least a grade of C in English, Mathematics, and Physics or Chemistry or General Science. Candidates must have passed IGCSE/GCE-O Level subjects with the required number of credits. **Mature entry:** **Entry into Year 2:** A relevant Diploma in Engineering or its equivalent plus MSCE with four credits including English, Mathematics, Physical Science (Physics and Chemistry) or General Science and two years of post-qualification experience **Entry into Year 3:** A relevant Advanced Diploma/University Diploma in Civil Engineering or its equivalent plus MSCE with six credits including English, Mathematics, and Physical Science (Physics and Chemistry) or General Science and two years of post-qualification experience
Career Prospects	Graduates from the programme can work with various MDAs, Parastatal Organizations, Engineering Consulting Firms, Construction Firms, Non-Governmental Organizations as Civil/Highway/Structural/Water Engineer, Measurement Engineer, Construction supervisor, Hydrogeologist, Project Manager/Consultant

Modules

Semester One	Semester Two
Year One	
College Algebra and Trigonometry English for Academic Purposes Engineering Drawing I Chemistry Physics Mechanical Science	Calculus I Business Communication Skills Surveying I Engineering Materials Civil Technology Engineering Drawing II
Year Two	
Calculus II Statics and Dynamics Surveying II Programming for Engineers Civil Engineering Practice Computer Aided Drawing	Linear Algebra Engineering Geology GIS and Remote Sensing Construction Methods Structural Analysis I Fluid Mechanics
Year Three	
Probability Probability and Statistics Geotechnical Engineering I Civil Engineering Quantities Environmental Engineering Structural Design I Structural Analysis II	Entrepreneurship and Management Structural Design II Engineering Surveying Hydraulics I Numerical Methods Transportation Studies
Year Four	
Geotechnical Engineering II Water Supply Engineering Highway Engineering Structural Design III Sanitation Engineering Highway Maintenance and Management	Industrial Attachment
Year Five	
Structural Analysis III Construction Management Engineering Hydrology Final Year Project Traffic Engineering Hydraulics II	Irrigation Engineering Structural Design IV Final Year Project Computer Aided Design Pavement Engineering Water Resources Management

SOE
programmes continue...

Bachelor of Automobile Engineering (Honours)

Department	Mechanical Engineering
Duration	5 years
Programme Summary	In this programme, students acquire knowledge, skills and competencies in scientific and engineering principles, concepts and practices to design, develop, manufacture, and maintain automotive systems and vehicles.
Entry Requirements	**Normal entry:** 1. MSCE or O-Level with six credits including English, Mathematics, and General Science (Physics and Chemistry), or 2. A-level (IGCSE/GCE) with at least a grade of C in English, Mathematics, and Physics or Chemistry or General Science. Candidates must have passed IGCSE/GCE-O Level subjects with the required number of credits. **Mature entry:** **Entry in Year 2:** A relevant Diploma in Engineering or its equivalent plus MSCE with six credits including English, Mathematics, Physical Science (Physics and Chemistry) or General Science **Entry in Year 3:** A relevant Advanced Diploma/University Diploma in Engineering or its equivalent plus MSCE with six credits including English, Mathematics, and Physical Science (Physics and Chemistry) or General Science.
Career Prospects	Automobile Design Engineer, Fleet Management Engineer, Automotive Sales Manager, Service and Maintenance Manager, Workshop Manager, Logistics & Fleet Operations Supervisor, Entrepreneur, Parts & Supply Chain Manager, Vehicle Diagnostics & Testing Engineer, Transport Consultant and Quality Testing Engineer, Academic and Research Role

Modules

Semester One	Semester Two
Year One	
Algebra & Trigonometry Chemistry Engineering Drawing I English for Academic Purposes Mechanical Science Vehicle Technology and Practice I	Business Communication Skills Calculus I Engineering Drawing II Engineering Materials I Introduction to Electrical and Electronic Circuits Physics
Year Two	
Calculus II Engineering Drawing III Engineering Materials II Manufacturing Technology & Processes I Programming for Engineers Thermo-fluids	Computer Aided Drawing Linear Algebra Statics and Dynamics Vehicle Electrical and Electronic Systems I Vehicle Technology and Practice II Vehicle Workshop Practice
Year Three	
Computer Applications Fluid Mechanics I Power Train Engineering Probability & Statistics Strength of Materials Vehicle Electrical and Electronic Systems II	Engineering Thermodynamics I Fuels and Combustion Technology Machine Elements Design Measurements and Instrumentation Numerical Methods OSHE & Ethics
Year Four	
Automotive Chassis Engineering Control Systems Dynamics I Engineering Design Fluid Mechanics II Logistics and Supply Chain Management	Industrial Attachment
Year Five	
Dynamics II Engine Testing and Instrumentation Final Year Project Fleet Management Mechanical Vibrations Solid Mechanics	Entrepreneurship and Management Final Year Project Finite Element Analysis Hydraulics and Pneumatics Plant Maintenance and Reliability Refrigeration and Air Conditioning

Bachelor of Energy Engineering (Honours)

Department	Mechanical Engineering
Duration	5 years
Programme Summary	Students are equipped with knowledge, skills and competencies in scientific and engineering principles, concepts and practices for creating sustainable solutions towards solving energy problems.
Entry Requirements	**Normal entry:** 1. MSCE or O-Level with six credits including English, Mathematics, and General Science (Physics and Chemistry), or 2. A-level (IGCSE/GCE) with at least a grade of C in English, Mathematics, and Physics or Chemistry or General Science. Candidates must have passed IGCSE/GCE-O Level subjects with the required number of credits. **Mature entry:** **Entry into Year 2:** A relevant Diploma in Engineering or its equivalent plus MSCE with six credits including English, Mathematics, Physical Science (Physics and Chemistry) or General Science. **Entry into Year 3:** A relevant Advanced Diploma/University Diploma in Engineering or its equivalent plus MSCE with six credits including English, Mathematics, and Physical Science (Physics and Chemistry) or General Science.
Career Prospects	Graduate Engineer, Energy Auditor, Energy Manager, Utilities Manager, Environmental Engineer, Research engineer, Plant Engineer, Entrepreneur, Energy Analyst, Academic and Research Role, Energy Efficiency & Conservation Specialist, Power Distribution & Transmission Engineer, Project Engineer / Manager, Environmental & Sustainability Engineer

Modules

Semester One	Semester Two
Year One	
Algebra & Trigonometry Chemistry English for Academic Purposes Engineering Drawing I Engineering Practice Mechanical Science	Business Communication Skills Calculus I Electrical Science Engineering Drawing II Engineering Materials I Physics
Year Two	
Calculus II Engineering Drawing III Engineering Materials II Manufacturing Technology & Processes I Programming for Engineers Thermo-fluids	Computer Aided Drawing Electrical Technology Linear Algebra Manufacturing Technology and Processes II Organisational Behaviour Statics and Dynamics
Year Three	
Computer Applications Electronics Fluid Mechanics I Probability & Statistics Project Management Strength of Materials	Electrical Power and Machines Engineering Thermodynamics I Group Project Machine Elements Design Measurements and Instrumentation Numerical Methods
Year Four	
Control Systems Distribution Networks and Machines Energy and Climate Change Engineering Thermodynamics II Fluid Machinery Renewable Energy Resources	Industrial Attachment
Year Five	
Final Year Project Heat and Mass Transfer Hydropower and Biomass Power Economics and Trade Power Plant Engineering Solar and Wind Energy	Entrepreneurship and Management Energy Interventions Energy Management and Audit Final Year Project Refrigeration and Air Conditioning Renewable Energy Installation

Bachelor of Industrial Engineering (Honours)

Department	Mechanical Engineering
Duration	5 years
Programme Summary	The programme equips students with competencies, knowledge and practical skills to optimise and manage complex systems and processes in various industries in response to industrial, government and societal needs.
Entry Requirements	**Normal entry:** 1. MSCE or O-Level with six credits including English, Mathematics, and General Science (Physics and Chemistry), or 2. A-level (IGCSE/GCE) with at least a grade of C in English, Mathematics, and Physics or Chemistry or General Science. Candidates must have passed IGCSE/GCE-O Level subjects with the required number of credits. **Mature entry:** **Entry into Year 2:** A relevant Diploma in Engineering or its equivalent plus MSCE with six credits including English, Mathematics, Physical Science (Physics and Chemistry) or General Science **Entry into Year 3:** A relevant Advanced Diploma/University Diploma in Engineering or its equivalent plus MSCE with six credits including English, Mathematics, and Physical Science (Physics and Chemistry) or General Science.
Career Prospects	Operations Engineer, Waste Management Specialist, Consultant, Logistics and Supply Chain manager, Occupational Safety Specialist, Productivity Specialist, Computer Automation and Robotics Specialist, Production and Processing Manager, Quality Control Manager, Procurement and Supply Chain Manager, Manufacturing Engineer, Systems Engineer. Project Manager, Facilities Manager, Operations Manager, Logistics Manager, Training Manager, Model Developer, Safety Manager and Entrepreneur, Academic and Research Role

Modules

Semester One	Semester Two
Year One	
Algebra & Trigonometry Chemistry English for Academic Purposes Engineering Drawing I Engineering Practice Mechanical Science	Business Communication Skills Calculus I Electrical Science Engineering Drawing II Engineering Materials I Physics
Year Two	
Calculus II Engineering Drawing III Engineering Materials II Manufacturing Technology & Processes I Programming for Engineers Thermo-fluids	Computer Aided Drawing Electrical Technology Linear Algebra Manufacturing Technology and Processes II Organisational Behaviour Statics and Dynamics
Year Three	
Process Engineering Industrial Quality Control Fluid Mechanics I Probability & Statistics Project Management Strength of Materials	Industrial Product Design Engineering Thermodynamics I Group Project Industrial Automation and Robotics Measurements and Instrumentation Numerical Methods
Year Four	
Control Systems Computer Aided Engineering Logistics & Supply Chain Management Design for Sustainability Research Methods and Design of Experiment Operations Research I	Industrial Attachment
Year Five	
Final Year Project Operations Research II Engineering Economics and Financial Management Computer-aided Design and Manufacturing Strategic Management Ergonomics	Business Management and Entrepreneurship Plant Maintenance and Reliability Energy Management and Audit Final Year Project Simulation Modelling and Analysis Production and Operations Management

Bachelor of Mechanical Engineering (Honours)

Department	Mechanical Engineering
Duration	5 years
Programme Summary	The programme equips students with competencies, knowledge and practical skills to design, analyse, manufacture, and maintain mechanical systems and devices in response to industrial, governmental and societal needs.
Entry Requirements	**Normal entry:** 1. MSCE or O-Level with six credits including English, Mathematics, and General Science (Physics and Chemistry), or 2. A-level (IGCSE/GCE) with at least a grade of C in English, Mathematics, and Physics or Chemistry or General Science. Candidates must have passed IGCSE/GCE-O Level subjects with the required number of credits. **Mature entry:** **Entry into Year 2:** A relevant Diploma in Engineering or its equivalent plus MSCE with six credits including English, Mathematics, Physical Science (Physics and Chemistry) or General Science **Entry into Year 3:** A relevant Advanced Diploma/University Diploma in Engineering or its equivalent plus MSCE with six credits including English, Mathematics, and Physical Science (Physics and Chemistry) or General Science.
Career Prospects	Maintenance Manager, Spare Parts and Fabrication Manager, Health and Safety Manager, Automation Manager, Plant Installation Manager, Design and Manufacturing Manager, Powerplant Managers, Power Generation Managers, Power Transmission Managers, Food Processing Industries Personnel, Manufacturing Industries Personnel Construction Industries Personnel, Service Industries Manager, Environmental Management Manager, Academic and Research Role.

Modules

Semester One	Semester Two
Year One	
Algebra & Trigonometry Chemistry English for Academic Purposes Engineering Drawing I Engineering Practice Mechanical Science	Business Communication Skills Calculus I Electrical Science Engineering Drawing II Engineering Materials I Physics
Year Two	
Calculus II Engineering Drawing III Engineering Materials II Manufacturing Technology & Processes I Programming for Engineers Thermo-fluids	Computer Aided Drawing Electrical Technology Linear Algebra Manufacturing Technology and Processes II Organisational Behaviour Statics and Dynamics
Year Three	
Computer Applications Electronics Fluid Mechanics I Probability & Statistics Project Management Strength of Materials	Electrical Power and Machines Engineering Thermodynamics I Group Project Machine Elements Design Measurements and Instrumentation Numerical Methods
Year Four	
Control Systems Computer Aided Engineering Engineering Design Engineering Thermodynamics II Dynamics I Fluid Mechanics II	Industrial Attachment
Year Five	
Final Year Project Heat and Mass Transfer Solid Mechanics Dynamics II Power Plant Engineering Mechanical Vibrations	Entrepreneurship and Management Plant Maintenance and Reliability Finite Element Analysis Final Year Project Production and Manufacturing Management Hydraulics and Pneumatics

SOE

programmes continue...

Bachelor of Geological Engineering (Honours)

Department	Mining Engineering
Duration	5 years
Programme Summary	The programme equips students with skills in all aspects of resource estimation, conducting groundwater quality assessment, designing and construction of groundwater and wastewater transportation tunnels and underground structures, geologic studies, land-use planning, forensic geological engineering, and the application of geological knowledge to the repair and preserve of cultural heritage sites.
Entry Requirements	**Normal entry:** 1. MSCE or O-Level with six credits including English, Mathematics, and General Science (Physics and Chemistry); or 2. A-level (IGCSE, GCE) with at least a grade of C in English, Mathematics, and Physics or Chemistry or General Science. **Mature entry:** **Entry into Year 2:** Diploma in Engineering or its equivalent plus MSCE with six credits including English, Mathematics, Physical Science (Physics and Chemistry) or General Science **Entry into Year 3:** Advanced Diploma in Geological/Mining/Metallurgy and Mineral Processing Engineering/ Civil Engineering/Mechanical Engineering/ Earth Science or Other related qualifications from a recognized institution of higher learning plus MSCE with six credits including English, Mathematics, and Physical Science (Physics and Chemistry) or General Science.
Career Prospects	Geologist, Department of Mines, Department of Water, Universities, City and Town Assemblies, Utility Companies, Parastatals, Roads Authority , Mining Companies, Construction Companies , Banks, Embassies, Consulting Firms

Modules

Semester One	Semester Two
Year One	
Algebra and Trigonometry English for Academic Purposes Engineering Drawing I Physics Chemistry I Mechanical Science	Calculus I Business Communication Skills Electrical Science Engineering Materials I Geology for Resource Engineers Surveying
Year Two	
Calculus II Computer-Aided Drawing Statics and Dynamics Programming for Engineers Geological and Geochemical Sampling Petrology for Engineers I	Linear Algebra Thermofluids Mineralogy Engineering Practice Sustainable Mining Geological Field Techniques
Year Three	
Geotechnical Engineering Probability and Statistics Drilling and Blasting Geology and Mineral Resources of Malawi Mining Methods Geographic Information System	Hydrogeology Drilling Engineering Geophysics Geochemistry Photo Geology & Remote Sensing Computing for Geological Engineers
Year Four	
Research Methods Petrology for Engineers II Geo-Statistics Engineering Geology Structural Geology Occupational Safety and Health	Industrial Attachment
Year Five	
Resource Geology Final Year Project Machine Learning Project Management Seismology Rock Mechanics	Mineral Legislation and Governance Business Management and Entrepreneurship Environmental Geology Geodynamics Geothermal Energy Final Year Project

Bachelor of Metallurgy and Mineral Processing Engineering (Honours)

Department	Mining Engineering
Duration	5 years
Programme Summary	The programme aimed at impacting skills in extractive and metallurgical sectors and students acquire skills in of mineral beneficiation and metal and materials processing.
Entry Requirements	**Normal entry:** 1. MSCE or O-Level with six credits including English, Mathematics, and General Science (Physics and Chemistry); or 2. A-level (IGCSE, GCE) with at least a grade of C in English, Mathematics, and Physics or Chemistry or General Science. **Mature entry:** **Entry into Year 2:** Diploma in Engineering or its equivalent plus MSCE with six credits including English, Mathematics, Physical Science (Physics and Chemistry) or General Science **Entry into Year 3:** Advanced Diploma in Geological/Mining/Metallurgy and Mineral Processing Engineering/Civil Engineering/Mechanical Engineering/ Earth Science or Other related qualifications from a recognized institution of higher learning plus MSCE with six credits including English, Mathematics, and Physical Science (Physics and Chemistry) or General Science.
Career Prospects	Graduate Metallurgist, Hydro-metallurgist, Metallurgical Engineer, Minerals Engineer, Process Control Specialist, Process Engineer, Process Mineralogy Specialist, Pyrometallurgy Specialist, Mining and Mineral Processing Operations Manager, Metallurgical Process Research and Development Positions, Equipment Designer and Sales Managers.

Modules

Semester One	Semester Two
Year One	
Algebra and Trigonometry English for Academic Purposes Engineering Drawing Physics Chemistry Engineering Practice	Calculus I Business Communication Skills Electrical Science Mechanical Science Geology for Resource Engineers Engineering Materials I
Year Two	
Calculus II Organisational and Managerial Communication Statics and Dynamics Programming for Engineers Engineering Materials II Thermo-Fluids	Linear Algebra Chemical Engineering Thermodynamics Mineralogy Computer Aided Drawing Fluid Mechanics Applied Metallurgical Chemistry
Year Three	
Probability and Statistics Sustainable Manufacturing and Environment Comminution & Classification Strength of materials Mining Methods Metallurgical Processing	Concertation and Dewatering Process Instrumentation and Control Materials Structures Characterisation Materials Performance and Testing Numerical Methods Foundry Technology
Year Four	
Mass and Heat Transfer Material Handling Systems Metal Forming Pyrometallurgy Occupation Safety and Health Research Methods	Industrial Attachment
Year Five	
Iron and Steel Making Final Year Project I Machine Learning Hydrometallurgy Project Management Computing for Process Engineers	Metallurgical Plant and Process Design Final Year Project II Surface Engineering Engineering Failure Analysis Business Management and Entrepreneurship Quality Management

Bachelor of Mining Engineering (Honours)

Department	Mining Engineering
Duration	5 years
Programme Summary	The programme cross-cuts several disciplines such as Geology, Geotechnical Engineering, Mineral Processing, Exploration, Excavation, Metallurgy, Economics, Environmental Sciences, Mathematics, Land Surveying, Communication and uses principles from these disciplines to fulfill its role of economic extraction of mineral deposits. The program also introduces all the concepts in mining Engineering from exploration and discovery, feasibility, development, production, processing, and marketing.
Entry Requirements	**Normal entry:** 1. MSCE or O-Level with six credits including English, Mathematics, and General Science (Physics and Chemistry); or 2. A-level (IGCSE, GCE) with at least a grade of C in English, Mathematics, and Physics or Chemistry or General Science. **Mature entry:** **Entry into Year 2:** Diploma in Engineering or its equivalent plus MSCE with six credits including English, Mathematics, Physical Science (Physics and Chemistry) or General Science. **Entry into Year 3:** Advanced Diploma in Geological/Mining/Metallurgy and Mineral Processing Engineering/ Civil Engineering/Mechanical Engineering/ Earth Science or Other related qualifications from a recognized institution of higher learning plus MSCE with six credits including English, Mathematics, and Physical Science (Physics and Chemistry) or General Science.
Career Prospects	Geologist, Department of Mines, Department of Water, Universities, City and Town Assemblies, Utility Companies, Parastatals, Roads Authority, Mining Companies, Construction Companies, Banks, Embassies, Consulting Firms.

Modules

Semester One	Semester Two
Year One	
Algebra and Trigonometry English for Academic Purposes Engineering Drawing Physics Chemistry Mechanical Science	Calculus I Business Communication Skills Electrical Science Engineering Materials 1 Geology for Resource Engineers Surveying
Year Two	
Calculus II Computer Aided Drawing Statics and Dynamics Programming for Engineers Engineering Materials II Petrology for Engineers	Linear Algebra Sustainable Mining Chemical Engineering Thermodynamics Engineering Practice Thermo-fluids Geological Exploration Techniques
Year Three	
Geotechnical Engineering Probability and Statistics Fluid Mechanics Photo-geology and Remote Sensing Mining Methods Geographical Information Systems	Hydrogeology Mine Surveying Underground Mine Ventilation Numerical Methods Drilling and Blasting Mineral Processing Methods
Year Four	
Mining Geomechanics Mine Planning Geo-statics Mineral Economics & Evaluation Research Methods Occupational Safety and Health	Industrial Attachment
Year Five	
Surface Mine Design Final Year Project Machine Learning Computing for Mining Engineers Project Management Rock Mechanics	Mineral Legislation Underground Mine Design Entrepreneurship and management Final Year Project Mine Management Communities and Natural Resource Development

Bachelor of Petroleum Engineering (Honours)

Department	Mining Engineering
Duration	5 years
Programme Summary	The programme is designed to produce competent petroleum engineers equipped with a strong grounding in engineering sciences, geosciences, and applied petroleum engineering, with emphasis on exploration, development, production, and management of oil and gas resources.
Entry Requirements	**Normal entry:** 1. MSCE or O-Level with six credits including English, Mathematics, and General Science (Physics and Chemistry); or 2. A-level (IGCSE, GCE) with at least a grade of C in English, Mathematics and Physics or Chemistry or General Science. **Mature entry** **Entry in Year 2:** Diploma in Engineering or its equivalent plus MSCE with six credits including English, Mathematics, Physical Science (Physics and Chemistry) or General Science **Entry into Year 3:** Advanced Diploma in Petroleum/ Geological/Mining/Metallurgy and Mineral Processing Engineering/ Civil Engineering/Mechanical Engineering/ Earth Science or Other related qualifications from a recognized institution of higher learning plus MSCE with six credits including English, Mathematics, and Physical Science (Physics and Chemistry) or General Science.
Career Prospects	Graduates may find employment in government, regulatory institutions such as MERA,MMRA etc and other statutory bodies such as NOCMA etc where they can work as petroleum and energy officers, inspectors, policy analysts, or technical advisors involved in resource evaluation, licensing, regulation, and compliance. In the private sector, graduates can work with exploration and production companies, mining companies with energy operations, fuel and gas supply companies, engineering consultancies, and construction and infrastructure firms. Graduates may further pursue careers in research and academia, and consultancy.

Modules

Semester One	Semester Two
Year One	
Algebra & Trigonometry English for Academic Purposes Engineering Drawing I Physics Chemistry Mechanical Science	Calculus I Business Communication Skills Electrical Science Surveying Geology for Resource Engineers Engineering Materials I
Year Two	
Engineering Materials II Statics and Dynamics Programming for Engineers Computer Aided Drawing Calculus II Petrology for Engineers	Linear Algebra Geological Exploration Techniques Reservoir Fluid and Rock Properties Oil and Gas Law and Policy Thermal fluids Petroleum Geology
Year Three	
Hydrocarbons Phase Behaviour Reservoir Engineering I Probability and Statistics Strength of materials Process Principles Well Logging and Formation evaluation	Drilling Engineering I Numerical Methods Petroleum Law and Governance Petroleum Geomechanics Process Instrumentation and Control Structural Geology
Year Four	
Drilling Engineering II Gas field Engineering Occupation Safety and Health Petroleum Production Technology I Research Methods Well Test Analysis	Industrial Attachment
Year Five	
Final Year project Machine Learning Process Plant Engineering Project Management Reservoir Engineering II Reservoir Modelling and Simulation	Petroleum Economics Final Year Project II Petroleum Field Development Planning Business Management and Entrepreneurship Petroleum Field and Refinery Processing Petroleum Production Technology II

School of Science and Technology

Executive Dean's Profile

Associate Professor Mphatso Kamndaya
Executive Dean– School of Science and Technology (SoST)

School of Science and Technology was formerly known as Faculty of Applied Sciences. The School is responsible for providing teaching and learning, research, consultancy, and outreach services in physics and biochemical sciences; public and environmental health sciences; mathematical sciences; information systems; and information technology. The school also services other programmes across at various levels in the fields of Mathematics, Statistics, Communication Technology, Chemistry, Physics, and Water and Sanitation.

The School of Science and Technology has four departments and one centre as follows: Mathematical Sciences, Physics and Biochemical Sciences, Public and Environmental Health Sciences, Computer Science and Information Systems and Centre for Water, Sanitation, Hygiene and Technology.
The school is headed by Associate Professor Mphatso Kamndaya, Executive Dean for the school.

Dr. Mphatso Kamndaya is an Associate Professor of Public Health Statistics and a Research Fellow with the Transfer Project in Sub-Saharan Africa and The Well-Being of Adolescents in Vulnerable Urban Environments (WAVE) Project – University of the Witwatersrand. He is an affiliate of the following professional boards: the Interdisciplinary Association for Population Health Science (IAPHS), the Mixed Methods Research Association (MMRA), the International Society of Urban Health (ISUH), and the Public Health Association of Southern Africa (PHASA). He has attended Postdoctoral training in Migration and Health Project in Southern Africa and Reproductive Health and HIV from the University of the Witwatersrand – South Africa. He holds a Doctorate Degree in Epidemiology and Public Health from the University of the Witwatersrand, a Master of Science in Mathematical Sciences from the University of Malawi, and a Bachelor of Education Science (Magna Cum Laud) from the University of Malawi. He is the Chair of Deans and Coordinator of the PhD/MPhil programme in the School of Science and Technology, Malawi University of Business and Applied Sciences.

Before assuming the position of Executive Dean for the School of Science and Technology, Dr Kamndaya was Dean of the Faculty of Applied Sciences, Malawi University of Business and Applied Sciences, from November 2020 to February 2023; Deputy Dean of the Faculty of Applied Sciences, University of Malawi – The Polytechnic from April 2007 to December 2011. He has published more than 20 articles in indexed journals, presented at conferences and carried out numerous high-impact consultancies costing more than US$6,500,000.00 in grants.

Programmes

Bachelor of Science in Environmental Management and Technology

Department	Physics and Biochemical Sciences
Duration	4 years
Programme Summary	The programme aims to develop students understanding of environmental issues, their assessment and the techniques used to better manage the interrelationships that exist between society and the environment.
Entry Requirements	**Normal entry:** 1. Six credits at MSCE or O-Level including English, Mathematics, Biology, Physical Science/General Science 2. or A-Level with at least C in English, Mathematics, Physics and Chemistry **Mature entry:** **Entry into Year 2:** 1. MSCE or equivalent with four credits including Biology, English, Mathematics and Physical Science or General Science or Physics & Chemistry, 2. A relevant certificate from a recognized institution. 3. One year of relevant work experience except for holders of a certificate in Environmental Management & Technology from a recognized institution. **Entry into Year 3:** 1. MSCE or equivalent with four credits including Biology, English, Mathematics and Physical Science or General Science or Physics & Chemistry 2. Relevant diploma from a recognized institution 3. Two years of relevant work experience. Evidence of experience and secondary school certificate is waived for those holding a Diploma in Environmental Management and Technology obtained from a recognized or public university.
Career Prospects	Environmental Consultants, Environmental Engineers, Environmental Managers, Nature Conservation Officers, Waste Management Officers, Water Quality Scientists and Occupational Health & Safety Officers.

Modules

Semester One	Semester Two
Year One	
Introductory Biology Chemistry I Mechanics College Algebra and Trigonometry Laboratory Management I English for Academic Purposes	Molecular Biology Chemistry II Heat, Oscillation and Waves Introductory calculus Introduction to ICT Business Communication Skills II
Year Two	
Ecology Chemistry III Electricity and Magnetism Probability Theory Biochemistry Environmental and Social Impact Assessment	Analytical Chemistry I Environmental Chemistry I Industrial Process Technology I Occupational Health and Safety GIS and Remote Sensing Sampling and Estimation Theory
Year Three	
Analytical Chemistry II Environmental Chemistry II Industrial Process Technology II Renewable Energy Technologies Environmental Toxicology Environmental Monitoring and Assessment	Innovation, Design and Development Industrial Ecology Research Methods Environmental Chemistry III Estimation and Regression Modelling
Year Four	
Climate Change, Risk and Adaptation Quality Management Entrepreneurship Water and Wastewater Treatment Project Management Solid Waste Management	Natural Resources Management Environmental Economics Environmental Law Industrial Ethics Research Project

Bachelor of Science in Industrial and Environmental Physics

Department	Physics and Biochemical Sciences
Duration	4 years
Programme Summary	The programme produces graduates with the necessary skills for employment as technologists or scientific personnel in the fields of technology and physics, with a particular emphasis on the applications of physics in industrial and environmental contexts including the science underlying renewable energy and sustainable technologies
Entry Requirements	**Normal entry:** 1. Six credits at MSCE or O-Level including English, Mathematics, Biology, Physical Science/General Science 2. or A-Level with at least C in English, Mathematics, Physics and Chemistry. **Mature entry:** **Entry into Year 2:** 1. MSCE or equivalent with four credits including Biology, English, Mathematics and Physical Science or General Science or Physics & Chemistry, 2. A certificate in Industrial and Environmental Physics from a recognized institution. 3. One year of relevant work experience except for holders of a certificate in Industrial or Applied Physics from a recognized institution. **Entry into Year 3:** 1. MSCE or equivalent with four credits including Biology, English, Mathematics and Physical Science or General Science or Chemistry & Physics 2. A relevant diploma from a recognized institution 3. Two years of relevant work experience. Evidence of experience and secondary school certificate is waived for those holding a Diploma in Industrial or Applied Physics obtained from a recognized or public university.
Career Prospects	Academic researchers, renewable energy experts, acoustic consultants, medical physicist, metallurgist, meteorologist, safety practitioner, research scientists (physical sciences), climate change consultants, entrepreneur in electronics equipment servicing and in the academia.

Modules

Semester One	Semester Two
Year One	
Introductory Biology Chemistry I Mechanics College Algebra and Trigonometry Laboratory Management I English for Academic Purposes	Molecular Biology Chemistry II Heat, Oscillation and Waves Introduction to Calculus Introduction to ICT Business Communication Skills II
Year Two	
Computer Programming Metrology Chemistry III Engineering Drawing I Probability Theory Electricity and Magnetism	Engineering Drawing II Introductory Quantum and Nuclear Physics Linear Algebra Sampling and Estimation Theory Thermodynamics Geographic Information System (GIS)
Year Three	
Atmospheric Physics Renewable Ernegy Technologies Environmental Pollution Physics Differential Equations Applied Nuclear Physics Geophysics	Nuclear Security Estimation and Regression Theory Research Methods Electronics Innovation, Design and Development
Year Four	
Industrial Instrumentation I Fluid Mechanics Multivariate Calculus Project Management Entrepreneurship Energy Efficiency and Climate Change	Environmental & Social Impact Assessment Environmental Economics Complex Analysis Industrial Instumentation II Research Project

Bachelor of Science in Food Science and Technology

Department	Physic and Biochemical Sciences
Duration	4 years
Programme Summary	The programme builds capacity and supplies professionals who are capable of addressing societal and industrial food-related issues in the country.
Entry Requirements	**Normal entry:** 1. Six credits at MSCE or O-Level including English, Mathematics, Biology, Physical Science/General Science 2. or A-Level with at least C in English, Mathematics, Physics and Chemistry. **Mature entry:** **Entry into Year 2:** 1. MSCE or equivalent with four credits including Biology, English, Mathematics and Physical Science or General Science, 2. A relevant certificate from a recognized institution. 3. One year of relevant work experience except for holders of a certificate in Environmental Management & Technology from a recognized institution. **Entry into Year 3:** 1. MSCE or equivalent with four credits including Biology, English, Mathematics and Physical Science or General Science or Physics & Chemistry, 2. A relevant diploma from a recognized institution 3. Two years of relevant work experience. Evidence of experience and secondary school certificate is waived for those holding a diploma in environmental management obtained from a recognized or public university.
Career Prospects	Quality assurance managers (food processing), food safety manager/ consultants, product development officers, nutrition officers, research and development officers, production manager/officers, regulatory affairs officers.

Modules

Semester One	Semester Two
Year One	
Introductory Biology Chemistry I Mechanics College Algebra and Trigonometry Laboratory Management English for Academic Purposes I	Molecular Biology Chemistry II Heat, Oscillation and Waves Introductory Calculus Introduction to ICT Business Communication Skills II
Year Two	
Chemistry III Electricity and Magnetism Probability Theory Biochemistry Introductory Microbiology Food Chemistry	Sampling and Estimation Theory Food Microbiology Food Processing and Preservation Introduction to Nutrition Industrial Processing Technology I Analytical Chemistry I
Year Three	
Food Toxicology Biotechnology Analytical Chemistry II Food Product Development Food Analysis Estimation and Regression Modelling	Sensory Evaluation of Food Cereal and Legume Technology Functional Foods and Nutraceuaticals Innovation, Design and Development Research Methods
Year Four	
Nutrition and Non-communicable Diseases Food Safety and Regulations Quality Management Project Management Entrepreneurship Food Engineering Technology	Dairy Science and Technology Fruits and Vegetable Processing Food Policy and Security Meat Processing Technology Research Project

Bachelor of Science in Industrial Laboratory Technology

Department	Physics and Biochemical Sciences
Duration	4 years
Programme Summary	The programme equips students with theory and practical skills that would enable them manage issues in any industrial laboratory setting and organisations.
Entry Requirements	**Normal entry:** 1. Six credits at MSCE or O-Level including English, Mathematics, Biology, Physical Science/General Science 2. or A-Level with at least C in English, Mathematics, Physics and Chemistry. **Mature entry:** **Entry into Year 2:** 1. MSCE or equivalent with four credits including Biology, English, Mathematics and Physical Science or General Science or Physics & Chemistry. 2. Relevant certificate from a recognized institution. 3. One year of relevant work experience except for holders of a certificate in Industrial Laboratory Technology from a recognized institution. **Entry into Year 3:** 1. MSCE or equivalent with four credits including Biology, English, Mathematics and Physical Science or General Science or Physics & Chemistry 2. Relevant diploma from a recognized institution 3. Two years of relevant work experience. Evidence of experience and secondary school certificate is waived for those holding a Diploma in Industrial Laboratory Technology obtained from MUBAS (including those from The Polytechnic – a former constituent college of University of Malawi)
Career Prospects	Laboratory technologists, researchers (in a research institutes, industries or universities), entrepreneurs (in chemical or production industry), quality control officers

Modules

Semester One	Semester Two
Year One	
Introductory Biology Chemistry I Mechanics College Algebra and Trigonometry Laboratory Management I English for Academic Purposes	Molecular Biology Chemistry II Heat, Oscillation and Waves Introductory Calculus Introduction to ICT Business Communication Skills II
Year Two	
Biochemistry Chemistry III Electricity and Magnetism Probability Theory Ecology Introductory Microbiology	Industrial Microbiology Sampling and Estimation Theory Occupational Health and Safety Analytical Chemistry I Geographical Information System (GIS) Laboratory Management II
Year Three	
Analytical Chemistry II Environmental Monitoring and Assessment Industrial Chemistry Water and Wastewater Treatment Energy Technology and Industry I Laboratory Management III	Estimation and Regression Modelling Research Methods Environmental and Social Impact Assessment Maintenance and Calibration of Instruments Innovation, Design and Development
Year Four	
Experiments Ernegy Technology and Industry II Electrical and Electronics Servicing Project Management Quality Management Entrepreneurship	Geochemistry Food Processing and Preservation Industrial Ecology Industrial Ethics Research Project

SOST

programmes continue...

Bachelor of Science in Information Technology

Department	Computer Science and Information Systems
Duration	4 years
Programme Summary	The programme equips students with an understanding of both hardware and software concerns of the computer to enable them diagnose and maintain computer-related equipment and networks sharing information with other devices on a network. This program also equips students with the necessary skills to develop and maintain software systems.
Entry Requirements	**Normal entry:** Six credits at MSCE or its equivalent including English, Mathematics, and Physical Science or General Science or Physics. **Mature entry:** 1. Advanced Diploma in Information Technology or Information Systems or related disciplines, ONE year working experience in ICT field PLUS MSCE with FOUR credits including Mathematics and English, and Physical Science or General Science or Physics. Above these, all MUBAS admission policy and guidelines shall apply. 2. Advanced Diploma in Information Technology or Information Systems or related disciplines PLUS 6 credits at MSCE or equivalent, shall not require the one year working experience.
Career Prospects	Programmers and software developers, Systems analysts, Web developers, Graphic designers, Software engineers, Data analysts, Database administrators, Network engineers and Hardware engineer

Modules

Semester One	Semester Two
Year One	
Introduction to ICT Programming I Fundamentals of Computer Networks College Algebra and Trigonometry English for Academic Purposes I Electric Circuits Fundamentals	Computer Hardware Systems I Programming II Switching and Routing Introduction to Calculus English for Academic Purposes II Analogue Electronics I
Year Two	
Computer Hardware Systems II Interconnecting Networks Web Programming Numerical Methods Business Communication Skills Analogue Electronics II	Systems Analysis and Design Data Structures and Algorithms Database Management Systems Applied Statistics Geographical Information Systems Digital Electronics
Year Three	
Operating Systems I Computer Graphics Research Methods Computer Hardware Sytems III Database Administration Programming III	Operating Systems II Computer Systems Security Telecommunications I Mobile Solutions Development Server Administration Microprocessor Interfacing and Programming
Year Four	
Industrial Attachment	Project Telecommunications II Artificial Intelligence Computer Forensics Entrepreneurship and Innovation Management

Bachelor of Science in Management Information Systems

Department	Computer Science and Information Systems
Duration	4 years
Programme Summary	The programme equips students with knowledge and skills that interface business functions and technology capabilities. It further provides students with abilities to support system users in designing, developing, use and management of business information systems.
Entry Requirements	**Normal entry:** MSCE, O-Level: IGCSE, GCE, with at least Six credits including English, Mathematics, and any other four. **Mature entry:** 1. Advanced Diploma in Information Technology or Information Systems, ONE year working experience in IT/IS related field PLUS MSCE with FOUR credits including Mathematics and English. Above these, all MUBAS admission policy and guidelines shall apply. 2. Advanced Diploma in Information Technology or Information Systems or related disciplines PLUS 6 credits at MSCE or equivalent, shall not require the one year working experience.
Career Prospects	Programmers and software developers, Systems analysts, Web developers, Graphic designers, Software engineers, Data analysts, Systems administrators, IT auditors, Business analysts

Modules

Semester One	Semester Two
Year One	
Introduction to ICT Programming I Fundamentals of Computer Networks College Algebra and Trigonometry English for Academic Purposes I Microeconomics	Computer Hardware Systems I Programming II Switching and Routing Introduction to Calculus English for Academic Purposes II Macroeconomics
Year Two	
Computerized Accounting Interconnecting Networks Web Programming Numerical Methods Business Communication Skills Financial Accounting I	Systems Analysis and Design Data Structures and Algorithms Database Management Systems Applied Statistics Geographical Information Systems Financial Accounting II
Year Three	
Operating Systems I Computer Graphics Research Methods Financial Accounting III Database Administration Programming III	Operating Systems II Computer Systems Security Cost Accounting Mobile Solutions Development Server Administration Information Systems Audits
Year Four	
Industrial Attachment	Project Management Accounting Human Computer Interaction Information Systems for Strategic Management Entrepreneurship and Innovation Management

Bachelor of Science in Software Engineering

Department	Computer Science and Information Systems
Duration	4 years
Programme Summary	The BSc. in Software Engineering produces software developers with knowledge, skills and competencies to be able to analyse, design, develop, deploy, document and maintain computer software.
Entry Requirements	**Normal entry:** MSCE or O Level or related qualifications with 6 credits at MSCE or its equivalent including English plus a minimum of 4 points in Mathematics and Physics or General Science. **Mature entry:** MSCE Certificate or its equivalent with at least six credit passes including English. In addition, the candidate should have a grade of no more than 4 points for MSCE in Physics, Mathematics or General Science. Plus, an Advanced Diploma in Computer Science, Information Technology, Information Systems or related field. Whichever might be, the programme should have covered programming.
Career Prospects	Applications Developer, Application Analyst, Game Developer, Information Systems Manager, Multimedia Programmer, Web Developer, Software Engineer, Software Tester, and many more.

Modules

Semester One	Semester Two
Year One	
Programming I Fundamentals of Computer Networks College Algebra and Trigonometry English for Academic Purposes I Cybersecurity I Introduction to Software Engineering	Programming II Switching and Routing Introduction to Calculus English for Academic Purposes II Emerged Technologies in Information Systems Cloud Computing and Services
Year Two	
Web Programming Business Communication Skills Linear Algebra Computer Organisation and Architecture Software Security Software Metrics	Data Structures and Algorithms Applied Statistics Systems Analysis and Design Database Management Systems Programming for Internet of Things Software Architecture and Design Patterns
Year Three	
Operating Systems I Research Methods Programming III Database Administration Analysis and Design of Algorithms Software Testing and Quality Assurance	Operating Systems II Mobile Solutions Development Artificial Intelligence Distributed Systems Software Versioning and Documentation Computer Vision and Graphics
Year Four	
Industrial Attachment	Project Human Computer Interaction Entrepreneurship and Innovation Management Machine Learning Big data Analytics

Bachelor of Science in Cybersecurity

Department	Computer Science and Information Systems
Duration	4 years
Programme Summary	The BSc. in Cybersecurity produces ICT professionals with knowledge, skills and competencies to be able to analyse, design and evaluate security issues in hardware, software, data management, networking and security management.
Entry Requirements	**Normal entry:** MSCE or O Level or related qualifications with six credits including English, Mathematics, and Physics or Physical Science. **Mature entry:** MSCE with six credits including English, Mathematics, and Physics or Physical Science and Higher Diploma in Cybersecurity or in related field.
Career Prospects	System Security Engineer, System Security Architect, Penetration Tester, Ethical Hacker, Cybersecurity Analyst, Forensic Scientist, Cybersecurity Specialist, and many more.

Modules

Semester One	Semester Two
Year One	
Introduction to ICT Programming I Fundamentals of Computer Networks College Algebra and Trigonometry English for Academic Purpose I Cybersecurity I	Programming II Secure Systems Analysis and Design I Cybersecurity II Switching, Routing and Wireless Essentials English for Academic Purpose II Introduction to Calculus
Year Two	
Secure Systems Analysis and Design II Enterprise Networks, Security and Automation Fundamental of Cryptography Operating System Data Structures and Algorithms Business Communication	Programming for Security Database Management Systems Applied Cryptography Operating System Security Network Security Wireless and Mobile Security
Year Three	
Web Security Data Security Virtualization and Cloud Computing Security Systems Security Audit and Forensics IT Law Cyber Threat Intelligence	Research Methods Applied Statistics Cyberspace and Governance Industrial Cybersecurity Machine Learning in Cybersecurity Systems Administration
Year Four	
Industrial Attachment	Project Cyber Security Ethics and Moral Decision Cybersecurity Project Management Cybersecurity Risk Management Ethical Hacking

Bachelor of Science in Mathematical Sciences Education (Statistics and Computing)

Department	Mathematical Sciences
Duration	4 years
Programme Summary	The programme produces mathematicians, statisticians, and teachers capable of teaching mathematics and statistics to secondary school students. The programme also prepares students to leverage the power of mathematics to solve real world problems. The statistical component of the program equips students with skills to be applied in contemporary industries seeking to draw insights from data.
Entry Requirements	**Normal entry:** Six credits at MSCE or its equivalent including English, Mathematics, Biology and Physical Science or General Science or Chemistry & Physics.
Career Prospects	Statistician, Computer programmer, Data analyst, Lecturer and Cryptographer

Modules

Semester One	Semester Two
Year One	
College Algebra English for Academic Purposes I History of Education Introduction to Information and Communication Technology Introduction to Statistics Programming	Advanced Programming English for Academic Purposes II Computer Hardware Trigonometry and Elementary Calculus Probability Theory Philosophy of Education
Year Two	
Discrete Mathematics Integral Calculus Introduction to Software Engineering Object Oriented Programming Sampling and Estimation Theory Psychology of Education	Operating Systems Introduction to Vector Calculus and Series Linear Algebra Estimation and Regression Modelling Mathematics and Computer Teaching Methodologies Software Management
Year Three	
Curriculum Studies Introductory Research Methods Multivariate Calculus Computer Networks Sociology of Education Distribution Theory	Database Management Data Structures and Algorithms Education Testing, Measurement and Evaluation Mathematics and Computer Teaching Methodologies II Operations Research Statistical Inference Generalized linear Models
Year Four	
Teaching Practice	Survival Statistics Time Series Analysis Mobile Application Development Educational Management and Leadership Experimental Designs Web Programming Project

Bachelor of Science in Mathematical Sciences Education (Mathematics and Statistics)

Department	Mathematical Sciences
Duration	4 years
Programme Summary	The programme produces mathematicians, statisticians, and teachers capable of teaching mathematics and statistics to secondary school students. The programme also prepares students to leverage the power of mathematics to solve real world problems. The statistical component of the program equips students with skills to be applied in contemporary industries seeking to draw insights from data.
Entry Requirements	**Normal entry:** Six credits at MSCE or its equivalent including English, Mathematics, Biology and Physical Science or General Science or Chemistry & Physics.
Career Prospects	Lecturer/ Teacher, Investment analyst, Financial analyst/ consultant, Data analyst, Model developer, Monitoring and evaluation officer and Insurance actuary

Modules

Semester One	Semester Two
Year One	
College Algebra English for Academic Purposes I History of Education Introduction to Information and Communication Technology Introduction to Statistics Programming	Advanced Programming English for Academic Purposes II Computer Hardware Trigonometry and Elementary Calculus Probability Theory Philosophy of Education
Year Two	
Discrete Mathematics Integral Calculus Introduction to Software Engineering Object Oriented Programming Sampling and Estimation Theory Psychology of Education	Operating systems Introduction to Vector Calculus and Series Linear Algebra Estimation and Regression Modelling Mathematics and Computer Teaching Methodologies I Software Management
Year Three	
Curriculum Studies Distribution theory Sociology of Education Introductory Research Methods Multivariate Calculus Introduction to Differential Equations	Generalized Linear Models Real Analysis Mathematics and Computer Teaching Methodologies II Numerical Methods Operations Research Statistical Inference
Year Four	
Teaching Practice	Educational Management and Leadership Experimental Designs Survival Statistics Complex Analysis Abstract Algebra Time Series Analysis Project

Bachelor of Science in Mathematical Sciences Education (Mathematics and Computing)

Department	Mathematical Sciences
Duration	4 years
Programme Summary	The programme produces mathematicians, statisticians, and teachers capable of teaching mathematics and statistics to secondary school students. The programme also prepares students to leverage the power of mathematics to solve real world problems. The statistical component of the program equips students with skills to be applied in contemporary industries seeking to draw insights from data.
Entry Requirements	**Normal entry:** Six credits at MSCE or its equivalent including English, Mathematics, Biology and Physical Science or General Science or Chemistry & Physics.
Career Prospects	Mathematician, Computer programmer, Cryptographer, Data analyst and Lecturer

Modules

Semester One	Semester Two
Year One	
College Algebra and Trigonometry English for Academic Purposes I History of Education Introduction to Information and Communication Technology Introduction to Statistics Programming	Advanced Programming English for Academic Purposes II Computer Hardware Introductory Calculus Probability Theory Philosophy of Education
Year Two	
Discrete Mathematics Integral Calculus Introduction to Software Engineering Object Oriented Programming Sampling Theory and Estimation Psychology of Education	Operating Systems Introduction to Vector Calculus and Series Linear Algebra Estimation and Regression Modelling Mathematics and Computer Teaching Methodologies I Software Management
Year Three	
Curriculum Studies Computer Networks Introductory Research Methods Multivariate Calculus Introduction to Differential Equations Sociology of Education	Education Testing, Measurement and Evaluation Mathematics and Computer Teaching Methodologies II Database Management Data Structures and Algorithms Real Analysis Numerical Methods
Year Four	
Teaching Practice	Educational Management and Leadership Abstract Algebra Mobile Applications Development Complex Analysis Web Programming Calculus of Variations and Nonlinear Differential Equations Project

SOST

programmes continue...

Bachelor of Science in Occupational Safety and Health

Department	Public and Environmental Health Sciences
Duration	4 years
Programme Summary	The programme develops the knowledge, insight, and practical skills necessary to design, implement, and evaluate Occupational Safety and Health programmes, policies, and strategies aimed at fostering a strong safety culture and promoting the health and well-being of workers and others within the working environment.
Entry Requirements	**Normal entry:** Six MSCE/O-Level credits including English, Mathematics, Biology and Physical Science or Physics and Chemistry or General Science. Candidates on MUBAS extended BSc degree programmes are allowed to join year one. **Mature entry:** **Entry into Year 2:** 1. Diploma in Occupational Safety and Health or any related programme 2. MSCE/O-Level with at least credit passes in English, Mathematics, Biology and Physical Science or Physics and Chemistry or General Science. **Entry into Year 3:** 1. MUBAS Diploma in Occupational Safety and Health. 2. MSCE/O-Level with at least credit passes in English, Mathematics, Biology and Physical Science or Physics and Chemistry or General Science.
Career Prospects	Occupational Safety and Health inspectors, Industrial Hygienists, Safety Analysts, Site Safety Officers, Experts in Risk Assessment and Management, Safety Management and Workplace Disease Prevention.

Modules

Semester One	Semester Two
Year One	
Biology I Chemistry I Physics I College Algebra Communication Studies I Introduction to information and Communication Technology	Biology II Chemistry II Physics II Trigonometry and Calculus Communication studies II Fundamentals of Occupational Health and Safety
Year Two	
Environmental Microbiology Chemistry III Probability and Statistics I Occupational Hygiene I Occupational Safety Fire Safety Management	Introduction to Public and Environmental Health Sciences Occupational Hygiene II Occupational Diseases Accident Investigation and Analysis OSH Legislation, Regulation and Standards Ergonomics
Year Three	
Probability and Statistics II Research Methods Environmental and Industrial Pollution Control Occupational Health Toxicology Risk Assessment and Management Epidemiology	Industrial Attachment
Year Four	
Health Promotion in OSH Applied Statistics III Business Fundamentals and Entrepreneurship Environmental and Social Impact Assessment Occupational Psychology and Trauma Management Research Project I	Research Project II Environmental Management Systems Emergency Preparedness and Response Construction and Mining Safety Management and Leadership Workplace Compensation and Disability Management

Bachelor of Science in Environmental Health

Department	Public and Environmental Health Sciences
Duration	4 years
Programme Summary	This programme equips environmental health graduates with knowledge, skills, confidence, adaptability, and independence essential for the modern profession, enabling them to assume positions of responsibility within environmental health and related fields.
Entry Requirements	**Normal entry:** Six MSCE/O-Level credits including English, Mathematics, Biology and Physical Science or Physics and Chemistry **Mature entry:** **Entry into Year 2:** 1. MSCE/O-Level with at least credit passes in English, Mathematics, Biology and Physical Science or Physics and Chemistry. 2. Diploma in Environmental Health or a closely related field from a recognized institution, with evidence of having completed basic sciences. **Entry into Year 3:** 1. MSCE/O-Level with at least credit passes in English, Mathematics, Biology and Physical Science or Physics and Chemistry. 2. Diploma in Public Health or Environmental Health from MUBAS.
Career Prospects	Environmental Health Officer under Ministry of Health, Water Sanitation and Hygiene (WASH) Officers, Food Safety and Hygiene Officer, Occupational Health and Safety Officers, Health Risk Assessment Officers, Environmental Health Epidemiologists, Immunization Coordinator, Health Education Officer/Trainer.

Modules

Semester One	Semester Two
Year One	
Biology I Chemistry I College Algebra English for Academic Purposes I Introduction to information and Communication Technology Physics I	Biochemistry I Biology II Chemistry II English for Academic Purposes II Physics II Trigonometry and Calculus
Year Two	
Building Construction Communicable Diseases Control Drawing for Environmental Health Food Borne Pathogens Health Psychology Meat Hygiene Theory	Biochemistry II Building Services and Health Non-Communicable Diseases Probability and Statistics Sanitation and Hygiene Sociology of Health and Illness
Year Three	
Environmental Toxicology Environmental Health Epidemiology Food Processing and Preservation Meat Inspection (Practical) Vector Control Water Resources Management	Applied Statistics Environmental Pollution Food Safety and Hygiene Industrial Attachment Occupational Health and Safety I Research Methods Water Supply
Year Four	
Environmental Health Law Health Education and Promotion Nutrition and Food Security Occupational Health and Safety II Project Management Business Fundamentals and Entrepreneurship Research Project I	Climate Change and Disaster Risk Management Environmental Health Economics Environmental and Social Impact Assessment Research Project II Solid Waste Management Wastewater Treatment

Business Incubation Centre

The Incubation Centre falls within the School of Science and Technology with the focus of imparting hands on skills to the populace so that they become self-reliant citizen and contribute to the development of the country. The focus of the centre is to foster knowledge and skills to the you and SMES by providing them with support in developing their business ideas and products to ensure that they run successful business for the social economic development of the country and also use the ideas as a spring board for innovations. The centre is a catalyst for entrepreneurial and innovation leading to transformative change enabling the country's economic prosperity and social well being

The centre equips applicants aged 18 years and above with a minimum qualification of a Primary School Leaving Certificate of Education with skills in business plan writing, prototype production branding and marketing, running a successful business and financial Management

Programmes offered are at certificate level and they include: food processing and conservations, tailoring, soap making, audio visual media production, carpentry and metal work.

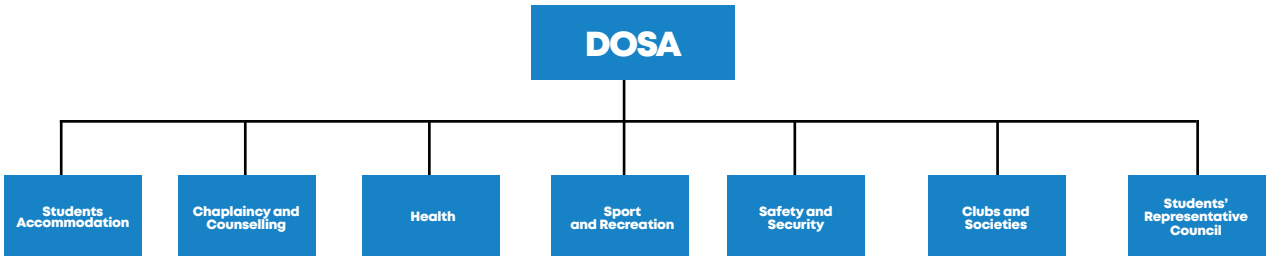
WASHTED

Water Sanitation Health and Appropriate Technologies (WASHTED), which is a center in the School of Science and Technology , was established in 2003 to be a centre of excellence for research, capacity building and outreach in water, sanitation, hygiene, renewable energy and appropriate technology development, for health as an enabler for the attainment of Malawi Agenda 2063 and Sustainable Development Goals (SDG) through local and international collaboration. The Center is headed by a Manager who is supported by Research Fellow who in turn supports academic growth through provision of project scholarships for students to study for the MA and PhDs project through the donor sponsored projects the centers runs.

WASHTED Objectives
The primarily focus of WASHTED is to conduct world class research, consultancies and outreach activities and build capacity in the design and implementation of high-quality research, consultancy, outreach and training consequently disseminate relevant information that will inform policy and practice in WASH and health. It also seeks to develop and adapt technologies appropriate to the local environment in the field of WASH and health.

The center has expertise to develop and test innovation which informs policy direction in the adaptation of new workable technologies with its 5 Research Pillars. Funding for all its activities is usually from grants on projects the center submits to donors.

Directorate of Student Affairs



The University has a directorate of student affairs which is mandated to offer psycho-social support services to students. The directorate looks after students' accommodation, health, recreation activities, spiritual life, safety and security and students' governance. The directorate is headed by the Director of Student Affairs and the current office holder is Dr. Gertrude Sitolo.

DOSA's Profile

Dr. Gertrude Sitolo
Director of Student Affairs

Dr. Gertrude Cynthia Sitolo graduated with a Bachelor of Science degree from the University of Malawi – The Polytechnic (2006) and earned a Master of Science degree in Food Science from The University of Melbourne, Australia in 2013.

She holds a PhD in Food Science and Nutrition from Hiroshima University, Japan (2020) specializing in food functional science. She is a member of the Department of Physics and Biochemical Sciences, Food Science/ Technology Section. Her research interests are in quality, safety and functionality of food with special emphasis on novel role of plant materials and dietary supplement in maintaining or improving health status of the general population.

Dr. Sitolo has undergone various international training and is active in national food quality committees. She has also served on the board of the Consumers Association of Malawi. Her professional background includes roles at Barloworld Plascon and Globe Group.

Students Accommodation

The university provides limited accommodation to students at a minimal rate.

Depending on availability of bes space, a student has a chance to be accommodated in institutional hostels once during their tenure in the university in order to give a chance to other students to be accommodated in the facilities.

Students are supposed to apply for accommodation at the end of each academic year. Successful applications are offered bed space.

Private Accommodation

The procedure of getting accommodation in these hostels is controlled by the owners of the premises. These include; amount to be paid as rent and other conditions put in place by the owners and landlords.

Catering Service

Students need energy and good health to succeed in their studies. However, there are several catering service providers available to students both on and off campus.

On campus, students have the convenience of accessing external food providers who offer reasonably priced meals. These sellers have gone through a thorough inspection process conducted by the university to ensure the provision of healthy and hygienic food. Students can rely on these trusted food providers to satisfy their hunger, as they can be confident in the quality and safety of the meals being served.

Additionally, there are tuck-shops where students can buy snacks and fast food. The junior common room is another option as it provides restaurant services to both students and staff.

Within a walking distance, there are several establishments like the Ginnery Corner, Ekhaya shop and Sana where students can choose to have their meals of choice from.

Chaplaincy & Counselling

The University has an office of the chaplain which is responsible for all spiritual matters. It offers spiritual guidance to students and coordinates all their spiritual affairs. The university also offers psychosocial counselling to students. The university has designated places and times of worship for all religions and guarantees students freedom of worship.

Health

The university owns a clinic on campus which caters for both students and staff. In addition, there are public and private hospitals in Blantyre City, i.e., Queen Elizabeth Central Hospital (located less than a kilometer away from the main campus) and others, where students can access medical services.

The university provides medical insurance coverage to all its students.

Sport & Recreation

The university has an office of the Sports Administrator which coordinates all sporting activities of students including staff. The university has pitches for various sporting disciplines such as football, netball, volleyball etc.

Safety and Security

The university provides and maintains a safe and secure learning environment through the implementation of structures and programmes to ensure that health hazards, safety and security issues are identified.

The university provides 24-hour security services on all its campuses.

Clubs & Societies

The university allows students to form or join clubs or societies of their choice.

University Students' Representative Council

The university has a Students' Representative Council (SRC) which advances interests of all students. Members of the SRC sit in various committee of the university. This is to ensure that students' interests are well taken care of.

University Transport

The university has a fleet of vehicles which supports academic activities.

Other University Services

Registry Services

The department provides general registry and management support services including secretarial functions to all sections of the university. In addition, the registry provides the following services: academic support, general administration, human resource, estates management, information and communication technology, marketing and communication, and staff and student health care.

Technology Transfer Office

MUBAS Technology Transfer Office (TTO) plays a pivotal role in bridging innovation and impact. It actively identifies and scouts impactful innovations and inventions from university students, researchers, and external innovators. The TTO facilitates the maturation, protection, and monetization of these technologies to ensure they deliver maximum societal benefit.
By enabling access to funding and fostering strategic collaborations between innovators and industry partners, the TTO smoothens the path to commercialization. Its efforts ensure that innovations emerging from MUBAS are not only protected and market-ready but also positioned to drive real-world change. Hence, TTO contribute effectively towards sustainable socio-economic development of Malawi and Africa.

MUBAS Technology Transfer Office.
Off Masauko Chipembere Highway
WET Building, Ground Floor-UniPod
Private Bag 303
Chichiri
Blantyre 3
Email: tto@mubas.ac.mw

Design Studio

MUBAS has a design studio, which is part of the School of Engineering. The studio was established in 2016 to provide a practical approach to education and research projects for students, staff, alumni, and members of the community.

The studio inspires, empowers and equips students and innovators with the skills and resources to turn ideas into high-fidelity prototypes that can transform societies and businesses.

The Design Studio aims to enhance the innovation and entrepreneurship culture by offering a supportive and collaborative environment where students and innovators learn, create and grow their ideas.

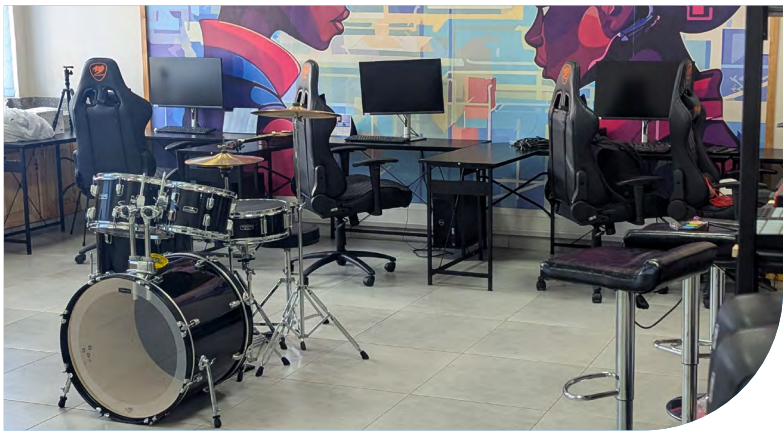
The studio also offers students internship programs, innovators' design competitions, seed grants for competitive innovators, and technical skills development workshops.


UniPod

The Timbuktoo University Innovation Pod, or Timbuktoo UniPod, is a distinctive venture situated at the Malawi University of Business and Applied Sciences (MUBAS). Its primary objective is to provide essential support to youthful innovators by providing them with cutting-edge infrastructure for innovation prototyping, experimentation, and small-scale manufacturing. The UNIPOD aims to foster the creation of prototypes with significant potential for transforming into commercially successful products.

The UniPod goes beyond providing equipment and programs within the university environment; it adopts a comprehensive strategy. This strategy involves enhancing the entrepreneurial mindset among innovators through the Business Nursery programs and reinforcing the university's Technology Transfer Office (TTO). Additionally, it involves establishing the capability to implement Intellectual Property registration and royalty programs.

At the core of the UniPod's conceptual foundation is the establishment of a symbiotic interplay among Ideation, Design, Fabrication, and Collaboration, all working in harmony to propel impactful innovations. The UniPod encompasses various key spaces, including a collaborative ideation space, Design Lab, and Makerspace featuring five specialised labs: electronics fabrication, mechanical fabrication, Computer Numerical Control fabrication, wood workshop, and digital creative arts lab. Furthermore, the UniPod encompasses a business nursery and a dedicated technology transfer office, further enriching its offerings.



Library Services

The Library supports teaching, learning, and research activities at the university. The main library has a seating capacity of 600 while the Chichiri Campus Library takes 100. The library has a number of sections which supports the academic activities of the university.

The library offers the following services: lending, reference, information literacy training, computing facilities, printing and photocopying, Identity card production, audio-visual services, and thesis and dissertation binding.

The library has over 8000 volumes of books, e-books, journals, conference, proceedings, government publications, a digital library, and many others which members can access. The library subscribes to the main daily and weekend newspapers from the two major print houses in the country.

The library operating hours are as follows:

Day	Opening hours
Monday- Friday	24 hours
Saturday	08:00AM-12:00PM
Sunday	01:00PM-04:30PM
Public holidays	Closed

ICT Services

The university has a fully fledged ICT department to offer support for all ICT-related services including internet connectivity.

The university provides Wi-Fi internet connection to students and staff to ensure effective teaching and learning. All students are provided with an account which they can use for registration, accessing their academic results, track their tuition payment details and all communications from the University. All this is done through the students' individual portals.

Additionally, the university has fully fledged computer laboratories that are accessible to all students for their academic research and assignments. The students enjoy support from members of support in these laboratories so that they can use the available resources effectively.

Within the university campus are several printing bureaus that offer printing and photocopying services to the students at a modest fee.

Today's learning involves both face to face interaction and distance learning and the ICT services at the university are designed to aid open and distance learning. The ICT facilities also help to provide virtual learning in times of emergencies like COVID-19.

More information on ICT services can be obtained from the ICT directorate.

Printing Press Centre

The MUBAS Printing Press is a key service centre within the Malawi University of Business and Applied Sciences (MUBAS), established to meet the growing demand for high-quality printing services both within and outside the university. It plays a critical role in supporting the university's academic, research, and administrative functions while also generating revenue from external clients.

Over the years, the Printing Press has built a strong reputation for delivering exceptional printing solutions, ranging from books, academic journals, and promotional materials to official documents and custom print jobs. The installation of the Heidelberg SM 74 Offset Printing Machine in 2024 marked a significant milestone, enhancing the Printing Press's capacity to produce a wide range of high-quality print products efficiently.

Printing Services offered:

The centre provides a perfect platform for the production of large-scale jobs such as:

- Calendars, books, magazines, brochures, company letterhead, and newsletters
- Designing and printing of: receipt books, delivery note books, LPO books, SIV books, flyers, business and invitation cards, requisition books, voucher books, headed letters, notebooks, manuals, writing pads.
- Book reconstruction and binding of worn-out books
- Book publication
- Embroidery
- Gold blocking Printing
- Binding thesis and dissertations

Department of Quality Assurance

The Department of Academic Quality Assurance (QA) at MUBAS is responsible for conducting systematic reviews of educational provisions to maintain and improve quality, equity, and efficiency.

QA aims to instil confidence in stakeholders by ensuring adherence to quality standards. This involves activities such as self-evaluation, external evaluation, lecturer and leader evaluations, and student assessments.

QA plans and manages quality control systems, aligning them with national and international standards. The department accredits institutional programs, reviews program performance, and manages tracer studies. It evaluates program content, pedagogies, and lecturer competence.

QA also oversees candidate selection, assessment processes, and research and outreach programs. The department's purpose is to provide quality assurance services. To achieve this, it accredits programs, reviews performance, manages quality control systems, and conducts tracer studies. By fulfilling these functions, the department ensures high-quality education and services, continuously improves, and maintains stakeholder confidence.

Community Outreach

The university organizes several outreach programmes in areas of capacity building, victim support and charity as part of its engagement with the community.

The university supports the community through donations and relief items. The university has done this to flood victims in Chikwawa, Majete II Health Centre, staff and students affected by Cyclone Freddy, and Bangwe HIV/AIDS Self-Help Initiative.

The incubation centre at the university provides training to young men and women in carpentry, food processing, and welding at no cost. This is aimed at equipping Malawians with skills that can make them to become self-reliant, create jobs for themselves and others. The university is committed to meaningful engagement with the community to achieve positive change in the social and economic lives of Malawians.

Contact Us

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