



MZUZU UNIVERSITY

ACADEMIC YEAR 2021/2022 ADMISSIONS (POSTGRADUATE PROGRAMMES INTAKE)

Applications are invited from suitably qualified persons for studies in various Postgraduate Programmes for the 2021/2022 Academic Year. The applications should reach the University by **Friday, 27th August 2021**.

A. FACULTY OF EDUCATION

i. **MASTER OF EDUCATION (EDUCATION LEADERSHIP & MANAGEMENT) AND MASTER OF EDUCATION (TEACHER EDUCATION) PROGRAMMES**

The Faculty of Education is inviting applications from suitably qualified persons for admission into 2-year full time degree programmes leading to the award of Master of Education in Educational Leadership & Management and Master of Education in Teacher Education. The two programmes are structured as follows:

1. Full-time taught course work in the first academic year (two semesters)
2. Research in the second and final academic year (two semesters).

Programme Description

a) Master of Education (Educational Leadership & Management)

This programme aims at enabling students to develop skills in educational leadership and management, expose them to contemporary discourses in the discipline and to empower the graduate with knowledge and skills in educational policy formulation, analysis, implementation and evaluation.

b) Master of Education (Teacher Education)

This program aims at enabling students to develop knowledge and critical understanding of teacher education with respect to key concepts, assumptions teaching methodologies, current advances and theoretical approaches. Students will acquire skills in methods of inquiry, problem solving, lifelong learning, and social responsibility.

Entry Requirements

1. A Bachelor's degree in Education from a recognised institution of higher learning, or
2. A Bachelor's degree from a recognised institution plus a University Certificate in Education (UCE), or Post-Graduate Certificate in Education (PGCE) or its equivalent.
3. Teaching experience at secondary school or tertiary institution will be an added advantage.

Programme Fees

The following fees will apply:

- Malawian Nationals - The fees payable per student for one academic year is MK 1, 950,000.00
- Other Nationals - The fees payable per student for one academic year is US\$ 4,000 for SADC nationals and US\$ 5,000 for non-SADC nationals

B. FACULTY OF ENVIRONMENTAL SCIENCES

i. **DOCTOR OF PHILOSOPHY (PhD) STUDIES IN THE FACULTY OF ENVIRONMENTAL SCIENCES**

The Faculty of Environmental Sciences is inviting applications for a three- year Doctor of Philosophy (PhD) study programme in any one of the following specializations:

- Fisheries and Aquatic Sciences
- Forestry and Environmental Management

- Geoinformatics
- Sanitation
- Transformative Community Development
- Urban and Regional Planning
- Water Resources Management

Background

The Faculty of Environmental Sciences offers Doctor of Philosophy (PhD) Degree qualifications in Environmental Sciences allowing candidates to specialize in Fisheries and Aquatic Sciences, Forestry and Environmental Management, Geo Informatics, Sanitation, Transformative Community Development, Urban and Regional Planning and Water Resources Management. The programme aims to build capacity of professionals to discover innovative and reliable ways of sustainably managing natural resources, adding value, planning and managing the urban environment and planning regions.

The programme in environmental sciences will equip graduates with useful transferable skills to collect, analyse, interpret and present often diverse datasets and to use analytical tools such as numerical models that are valuable in the job market. The programme will also equip candidates with the ability to make and participate in often complex decisions and processes of environmental risk management.

Programme's Description

The programme is designed as learning experiences based on modules and research with supervision, and the interaction with fellow students and other experts in the field as additional elements of learning. The students will have to undergo modules that will support research based on specific areas of specialization.

Entry Requirements

Applicants must have a relevant Master's degree in a related specialization obtained from a recognised academic institution. Those with practical experience and peer reviewed journal articles will have an added advantage.

Programme Fees

The following fees will apply:

- Malawian Nationals - The fees payable per student for one academic year is MK 1,482,000.00
- Other Nationals - The fees payable per student for one academic year is US\$ 5,500 for SADC nationals and US\$ 5,700 for non-SADC nationals

Please note that fees are subject to change from time to time.

ii. MASTER OF SCIENCE (MSc) STUDIES IN THE FACULTY OF ENVIRONMENTAL SCIENCES

The Faculty of Environmental Sciences is inviting applications for two-year Master of Science (MSc) study programmes in:

- Fisheries and Aquatic Sciences
- Forestry and Environmental Management
- Geoinformatics (GIS)
- Sanitation
- Transformative Community Development
- Urban and Regional Planning
- Water Resources Management

Background

The Faculty of Environmental Sciences offers Master's degrees in Environmental Sciences allowing candidates to specialize in specific environmental issues in Forestry and Environmental Management, Fisheries and Aquatic Sciences, Water Resources Management, Sanitation, Transformative Community Development, Urban and Regional Planning and Geoinformatics (GIS). The programmes aim to build capacity of professionals to discover innovative and reliable ways of sustainably managing natural resources, value addition, as well as planning and managing the urban and rural environments.

Studies in environmental sciences will equip graduates with useful transferable skills to collect, analyse, interpret and present often diverse datasets and to use analytical tools such as numerical models that are valuable in the job market. The programmes will also equip candidates with the ability to make and participate in often complex decisions and assess risks associated with social and environmental management.

Programme Description

The programmes are designed as learning experiences based on course work and research, using supervision and interaction as learning elements. The students will have to undergo courses that will support research based on specific areas of specialisation.

Prerequisites for admission

Applicants must have a first degree in a related specialization. Expert knowledge in the field of application will be an added advantage.

Programme Fees

The following fees will apply:

- Malawian Nationals - The fees payable per student for one academic year is MK 2,000,000.00
- Other Nationals - The fees payable per student for academic year is US\$ 4,000 for SADC nationals and US\$ 5,130 for non-SADC nationals

Please note that fees are subject to change from time to time.

C. FACULTY OF SCIENCE, TECHNOLOGY AND INNOVATIONS

i. MASTER OF SCIENCE (MSc) IN INFORMATION THEORY, CODING AND CRYPTOGRAPHY

Applications are invited from suitably qualified candidates for admission into the Master of Science in Information Theory, Coding and Cryptography degree programme in the Department of Mathematics and Statistics at Mzuzu University.

Programme description

Information Theory is an area of mathematics dealing with the transfer of information from one location to another or the storage of information for later retrieval. Both of these operations can be regarded as passing information or data through a channel from a source to a receiver. There are three central aspects of the subject:

- Efficiency - efficient encoding of the information (source coding or data compression)
- Reliability - removal of errors caused by noise in the channel (error control coding)
- Security - protection against eavesdropping, intrusion, or tampering (cryptography)

These three topics, which we collectively refer to as Coding Theory, are live and exciting areas of research today. The great advances in all types of electronic communication over the past few years are, in part, due to continuing developments in Coding Theory. Mzuzu University through the Department of Mathematics and Statistics is offering a Master of Science program in Information Theory, Coding, and Cryptography, which will allow qualified Malawians and other interested qualified persons to become involved at the highest levels of research in the whole area of Coding Theory.

Graduates, besides taking part in research at the highest levels of mathematics, should eventually be able to apply the knowledge gained in this course to many areas, including, but not limited to; mobile telephony, high density computer and optical disks, digital audio, internet services, miniaturization in electronic device.

Duration of the programme

This is a full time programme and will run for a period of four semesters (2 academic years).

Coursework

The programme includes the following taught courses which will be done in the first two semesters: Information Theory, Error Correcting Codes, Cryptography, Practical Cryptography, Graphs and Designs, Data Compression, Graph Theoretical Codes and Goppa Codes.

Research project

The second year of the programme will be devoted towards a research project.

Entry requirements

Applicants must have at least a bachelor's degree in mathematics or in a closely related field with significant mathematical content from an accredited institution. A transcript should show that an applicant completed at least one of the following courses: linear algebra, number theory, group theory, modern algebra, abstract algebra, or any other related course.

Programme Fees

The following fees will apply:

- Malawian Nationals – The total fees payable per student for one academic year is MK 1,300,000.00
- Other Nationals – The fees payable per student for one academic year is US\$ 4,000 for SADC nationals and US\$ 5,000 for non-SADC nationals

Students are advised to bring along a book and stationery allowance of US\$ 350 per year.

Please note that fees are subject to change from time to time.

ii. MASTER OF SCIENCE (MSc) IN APPLIED CHEMISTRY BY RESEARCH

Applications are invited from suitably qualified candidates for admission into the Master of Science in Applied Chemistry in the Department of Chemistry at Mzuzu University.

Programme description

Master of Science in Applied Chemistry covers a wide range of chemistry related fields which include water quality, food science, herbal medicine (safety and quality of herbal medicine), synthetic and botanical pesticides, natural products, chemical waste management, soil chemistry, nanotechnology, just to mention a few. The Programme will be offered by research with module orientation to support research work. The programme will have the following stages: Research proposal development supported by module orientation; proposal open defence, research work; thesis write-up, external and internal thesis examination and final thesis open and closed defence.

Research Proposal Development

Each student will develop his/her research proposal with the assistance of his/her supervisory team which will be presented (defended) to the Faculty. The student will be allowed to proceed with field work (data collection) upon satisfying the Faculty committee that the proposal is fit for a Master of Science in Applied Chemistry degree.

Duration of the programme

Master of Science in Applied Chemistry is a two-year, full-time postgraduate qualification by research that will lead to MSc. in Applied Chemistry. The programme will be offered following normal Mzuzu University semester-based calendar. This training programme will be undertaken in a research project mode leading to a thesis.

Entry requirements

Applicants into the MSc. in Applied Chemistry programme will need to have a good Bachelor's Degree (or its equivalent) in Science with good background knowledge of Chemistry from a well-recognised institution. Work or field experience in chemistry-related research will be an added advantage.

Programme Fees

The following fees will apply:

- Malawian Nationals – The total fees payable per student for one academic year is MK 1,900,000.00
- Other Nationals – The fees payable per student for one academic year is US\$ 4,000 for SADC nationals and US\$ 6,900 for non-SADC nationals

iii. **BACHELOR OF SCIENCE HONOURS (BSc Hons) IN PHYSICS AND ELECTRONICS/INSTRUMENTATION**

Applications are invited from suitably qualified candidates for admission into BSc Hons in Physics and Electronics/ Instrumentation for the academic year 2021/2022 intake to be offered in the Department of Physics and Electronics.

Programme Description

This programme covers advanced courses in physics and electronics. The central aim of the programme is to equip students with advanced scientific knowledge and skills (theoretical and practical) for them to competently apply the learnt concepts in solving real life problems as well as to be able to conduct research at local and international level. In addition, the programme will prepare potential candidates interested in pursuing MSc in Physics/ Electronics or any other related field. Semester 1 courses include Advanced Nuclear Physics, Advanced Quantum Mechanics, Signal Processing, Advanced Opto-Electronics and Photonics, Introduction to Medical Physics and Research Methods (optional). Semester 2 covers courses such as Advanced Solid State Physics, Optical Fiber Communication and Signal Understanding/Analysis. Every student will be required to take any three (3) core courses in semester 1 and any two (2) core courses in semester 2 plus a relevant project.

Duration

This is a one-year programme on full time basis to run for a period of two semesters.

Entry Requirements

A candidate with a strong pass in ordinary Bachelor's degree with strong components of Physics and Electronics will be considered for admission. It is desirable (not a must) that candidates possess a sound background in computer programming. Those with relevant experience will have an added advantage.

Programme Fees

The following fees will apply:

- **Malawian Nationals**
The total fees payable per student for one academic year is MK 700,000.00
- **Other Nationals**
For international students, the total fees payable for one academic year is US\$ 2,000 for SADC nationals and US\$ 3,000 for non-SADC nationals.

Please note that fees are subject to change from time to time.

D. FACULTY OF HUMANITIES AND SOCIAL SCIENCES

i. MASTER OF LIBRARY AND INFORMATION SCIENCE

Applications are invited from suitably qualified persons to register for a 2-year full-time programme leading to the award of a Master's Degree in Library and Information Science (MLIS) for the 2021/2022 academic year.

Aim of the Programme

The aim of the programme is to provide high quality postgraduate education and training in Library and Information Science to ensure self-reliance, resourcefulness, and flexibility of information science graduates capable of working effectively and efficiently in various organisations.

Nature and length of the Programme

The MLIS programme will be offered in two academic years. The first year (two semesters) will comprise of 10 taught courses and the second academic year will consist of a research project culminating in an examinable thesis.

Entry Requirements

Applicants to this programme should meet any of the following entry requirements:

- A Bachelors Degree in Information Sciences (Library and Information Science, ICT, Records Management or equivalent) from a recognized institution, or
- A Bachelors Degree in any field of study and a Postgraduate Diploma in information sciences, or
- A Bachelors Degree in any field of study from a recognised university with two years work experience in the information sector.

Programme Fees

The total fees payable per academic year are as follows:

- MK 1,950,000.00 per year for Malawian nationals
- US\$ 5,000 per year for SADC nationals
- US\$ 8,050 per year for full-time non-SADC nationals

Please note that fees are subject to change from time to time.

ii. MASTER OF ARTS (MA) IN THEOLOGY AND RELIGIOUS STUDIES

Applications are invited from suitably qualified candidates for admission into the Master of Arts (MA) programme in Theology and Religious Studies at Mzuzu University.

Nature of the programme:

The programme is by research without residential requirement. Other requirements include attendance at:

- i. Postgraduate introductory seminar
- ii. Monthly regional seminars in Mzuzu, Lilongwe and Zomba
- iii. Annual postgraduate colloquium

Students will be examined on the basis of a thesis/dissertation submitted at the end of the programme.

Entry requirement:

- A Bachelor's degree in Theology and Religious Studies or its equivalent from a recognized institution. Those with credit or distinction will have an added advantage.

Programme duration

- 2 years

Programme fees

The following fees will apply:

- Malawian Nationals - The fees payable per student for one academic year is K1,950,000.00
- Other Nationals – The fees payable per student for one academic year is US\$ 4,000.00 for SADC nationals and US\$ 5,000 for non-SADC nationals

NB: Please note that fees are subject to change from time to time.

ii DOCTOR OF PHILOSOPHY (PhD) IN THEOLOGY AND RELIGIOUS STUDIES

Applications are invited from suitably qualified candidates for admission into the Doctor of Philosophy (PhD) programme in Theology and Religious Studies at Mzuzu University.

Nature of the programme:

The programme is by research without residential requirement. Other requirements include attendance at:

- Postgraduate introductory seminar
- Monthly regional seminars in Mzuzu, Lilongwe and Zomba
- Annual postgraduate colloquium

Students will be examined on the basis of a thesis/dissertation at the end of the programme.

Entry requirement:

- A Master's degree in Theology and Religious Studies or its equivalent from a recognized institution

Programme duration:

- 3 years

Programme fees

The following fees will apply:

- Malawian Nationals - The fees payable per student for one academic year is K1,950,000.00
- Other Nationals – The fees payable per student for one academic year is US\$ 5,500.00 for SADC nationals and US\$ 5,700.00 for non-SADC nationals

NB: Please note that fees are subject to change from time to time.

iv. MASTER OF ARTS (MA) IN AFRICAN HISTORY AND HERITAGE

Applications are invited from suitably qualified persons for a 2 year fulltime Master of Arts (MA) in African History and Heritage at Mzuzu University.

Aim of the Programme

The program aims to promote and impart advanced theoretical and practical advanced theoretical and practical knowledge and skill related to African History, culture and heritage knowledge for purpose of asserting the uniqueness of our African identity. The program also intends to produce human resource for history teaching as well as managers of cultural and heritage institutions such as the museums, Department of Antiquities, UNESCO, and the Malawi National Archives. The programmes shall also generate knowledge for the conservation of cultural and heritage in the country.

Nature and length of the Programme

The MA in African History and Heritage shall run for two years. It consists of taught courses in the first year and a thesis in the second year. Candidates shall take six taught modules, three in each of the first-year semesters. In the second year, candidates shall undertake a thesis. The first semester of the second year shall be devoted to data collection, while the second semester of the same year shall be devoted to thesis writing.

Entry Requirements

- Interested candidates should have a Bachelor's degree in History and Heritage Studies, or History and some related disciplines in Education, Humanities and Social Sciences.

Programme fees

The following fees will apply:

- Local students - The fees payable per student for one academic year is K1,950,000.00
- Foreign students – The fees payable per student for one academic year is US\$ 4,000.00 for SADC nationals and US\$ 5,000.00 for non-SADC nationals

E. FACULTY OF HEALTH SCIENCES

i. MASTER OF SCIENCE IN NURSING EDUCATION (CLINICAL TEACHING)

A Master of Science in Nursing Education (Clinical Teaching) programme is offered in the Department of Nursing and Midwifery. The programme has been developed to build capacity of healthcare professionals with advanced nursing practice skills to facilitate clinical teaching and learning, research and innovation.

Entry requirement

Candidates should meet the following requirements: -

- A Bachelor's degree in Nursing or Bachelor of Science in Nursing and Midwifery or Bachelor of Science in Midwifery or any nursing related bachelor's degree from a recognized institution
- A minimum of three years clinical working experience post- bachelors' degree
- Current Registration with Nurses and Midwives Council of Malawi (NMCM)
- International applicants should be registered with the Nurses and Midwives council of their country and they will be required to be indexed with NMCM upon verification.

Programme Briefs

The Master of Science in Nursing Education (Clinical Teaching) degree programme is a two-year block release programme. Graduates from the programme will have an understanding of foundational principles of symbiotic clinical education, the ability to demonstrate advanced and applied knowledge and skills in clinical education.

Graduates will become leaders, managers and researchers in nursing and midwifery education and practice institutions and related Non-Governmental institutions.

NOTE: Applicants should attach a concept note for their research interest area when applying.

Programme Fees

The following fees will apply:

- Malawian Nationals - The total fees payable per student for one academic year is MK2,340,000.00
- Other Nationals - The fees payable per student for one academic year is US\$4,000.00 for SADC nationals and US\$6,000.00 for non-SADC nationals.

Please note that fees for all programmes are subject to change from time to time.

F. GENERAL INFORMATION

i. BOOK AND STATIONERY ALLOWANCE

Students are advised to bring along a book and stationary allowance estimated at US\$ 350 per year.

ii. BOARD AND LODGE

All candidates will be admitted on self-sponsored category. Candidates will be expected to provide for their own board and lodge.

iii. APPLICATION PROCEDURES

Eligible University Certificate in Education (UCE) applicants should submit their application packages, which must include the following:

- A letter of application,
- A curriculum vitae,
- A copy of relevant academic transcript(s),
- A copy of the highest qualification awarded,
- Copy of bank deposit slip for application fee.

NB: Prospective UCE candidates serving in government institutions should submit the applications through their employers.

Eligible Master programmes applicants should submit their application packages, which must include the following:

- A letter of application providing motivation for the application,
- Updated *Curriculum Vitae*,
- Two letters from academic referees,

- Copies of academic certificates,
- Copies of academic transcripts,
- Copy of bank deposit slip for application fee.

Eligible Doctor of Philosophy (PhD) applicants should submit application dossiers, which must include the following:

- A letter of application providing motivation for the application,
- Updated *Curriculum Vitae*,
- Three traceable referees (at least two from academia),
- Two reference letters (at least one from academia),
- Copies of academic certificates,
- Copies of certified academic transcripts,
- A research concept in the area of specialization of approximately one thousand words,
- Copy of bank deposit slip for application fee.

Payment of Admission Application fee

All applicants should pay a non-refundable admission application fee of **K25,000.00** for Malawian applicants and **US\$150** for international applicants. The application fee should be deposited directly into the following bank account:

Name of the Bank : NBS Bank
 Account Name : Mzuzu University Admission Account
 Account Number : 21430908
 Branch : Mzuzu Branch
 Swift code (for international transfers): NBSTMWMW

The bank deposit slip should be attached to the application letter.

Completed application documents should be sent to:

[...name of programme being applied for...] **2021/22 Admissions**
University Registrar
Mzuzu University
Private Bag 201
Luwinga
Mzuzu 2

NB: For international applicants, applications by email will be accepted.

All applications should reach the Registrar's Office not later than Friday, 27th August 2021.

Further enquiries about the programmes may be directed to the following:

MEd (Education Leadership & Management) and MEd (Teacher Education)	: the MEd Coordinator on medcoordinator@mzuni.ac.mw or (+265) 01 320 625
PhD and MSc in Environmental Sciences Programmes	: the Dean of Faculty on foes@mzuni.ac.mw or (+265) 01 320 722
MSc in Information Theory, Coding & Cryptography	: the Programme Coordinator on maths@mzuni.ac.mw or (+265) 999 353 002
BSc Hons in Physics and Electronics/Instrumentation	: the Programme Coordinator on : mzuni.phys.hod@gmail.com / anyirenda@gmail.com or (+265) 01 320 068/ 0992161502
Master of Library and Information Science	: the Programme Coordinator on chawinga.w@mzuni.ac.mw or (+265)993509295 or the Head of Department on chipeta.g@mzuni.ac.mw or (+265) 882851420
MA and PhD (Theology and Religious Studies)	: the Postgraduate Coordinator on pgtrsmzuni@gmail.com or (265) 0 884 907 074

