



THE POLYTECHNIC

POSTGRADUATE PROGRAMMES

FACULTY OF APPLIED SCIENCES

2019 INTAKE

The Malawi Polytechnic, a Constituent College of the University of Malawi, Faculty of Applied Sciences is inviting applications for the following Postgraduate Programmes which will commence in **September, 2019**

1. DOCTOR OF PHILOSOPHY (PHD)

- a) PhD Applied Sciences (Environmental Sanitation)
- b) PhD Applied Sciences (Renewable Energy)
- c) PhD Applied Sciences (Public Health Engineering)
- d) PhD Applied Sciences (Information Technology)
- e) PhD Applied Sciences (Industrial Process Technology)
- f) PhD Applied Sciences (Environmental Protection and Management)
- g) PhD (Applied Mathematics)
- h) PhD (Applied Statistics)

2. MASTER OF PHILOSOPHY IN APPLIED SCIENCES (MPhil)

- a) MPhil Applied Sciences (Environmental Sanitation)
- b) MPhil Applied Sciences (Renewable Energy)
- c) MPhil Applied Sciences (Industrial Process Technology)
- d) MPhil Applied Sciences (Environmental Protection and Management)
- e) MPhil Applied Sciences (Environmental Health)
- f) MPhil (Applied Mathematics)
- g) MPhil (Applied Statistics)

Candidates for PhD programmes must have a relevant Masters or MPhil degree from recognized institutions while for MPhil the candidate must have an Honors degree in the First or Upper Second Division or a Bachelors degree with at least a Credit or a strong. Candidates with Bachelors Degree will

be required to accumulate 60 credits of taught modules relevant to the selected MPhil research area. The PhD and MPhil programmes are of 3 and 2.5 years duration respectively.

Fees and Expenses

US\$10, 000 (Paid in MK Equivalent) for the whole programme of **PhD** will cater for supervision and examination costs with an Indicative figure of **US \$ 4,500** for research for the whole PhD programme, and;

US\$5,500 (Paid in MK Equivalent) for the whole programme of **MPhil** will cater for tuition, supervision and examination costs With indicative figure of **US\$3,500** for research for the whole MPhil programme for budgeting purposes.

APPLICATION PROCEDURE FOR PhD AND MPhil;

A completed PhD & MPhil applications **MUST INCLUDE:**

A non-refundable application fee of **MK10,000** for Malawian applicants and **US\$25.00** for international applicants;

A completed postgraduate application form;

Academic transcripts of all previous university courses taken including percentage scores where necessary;

Certified copies of relevant certificates;

An abstract of master's research or dissertation;

A **concept paper** relating to the proposed research topic which should not be more than 5 pages long. The concept note must include the following;

Introduction

Problem statement

Research objective

Preliminary literature review

Methodology

references

Sample academic writing i.e. publications, conference reports, etc which adhere to the broad conventions of academic publishing (i.e. contain an up-to-date review of relevant literature, a description of relevant research methods and an evaluation of results, etc.) and which identify the applicant as a significant contributor (maximum of 30 pages);

1 letters from an **academic referee** at postgraduate level and 1 letter from professional referee;

A detailed latest CV.

Please note that PhD and MPhil candidates may apply for placement at any time of the academic year.

h) Master of Science in Water Resources and Supply Management (MWRSM) – (to commence in September 2019)

Core modules: Integrated Water Resources Management; Water Resources; Research Methodology and Geographical Information Systems and Remote Sensing.

Pathway Modules

Water Quality Management: Water Quality Monitoring and Assessment; Water Pollution; Water and Environmental Law and Catchment Management.

Water Service Management: Water Supply and Sanitation; Water Sector and Utility Management; Financial Management in the water sector and Managing Water Organizations.

Applicants must have a Bachelors Degree from any recognized institution of higher learning in pure, natural, applied or social sciences with **Either** a credit or distinction **Or** strong pass plus at least 2 years relevant work experience. Those with social science should have two years of relevant water related work experience. And, **Water Quality Management** specialization candidates must have done Chemistry and Biology.

i) Master of Science in Environmental Protection and Management (MEPM) - (to commence in September 2019)

Course Modules: Environmental Policy and Implementation; Research Methodology; Geographical Information Systems and Remote Sensing; Environmental Waste Management and

Treatment; Cleaner Technology; Global Contemporary Environmental Issues; Environmental Assessment and Environmental Monitoring and modeling

Applicants must have a Bachelors Degree from any recognized institution of higher learning in natural or applied sciences with **Either** a credit or distinction **Or** strong pass plus at least 2 years relevant work experience.

j) Master of Science in Environmental Health (MEH) - (to commence in September, 2019)

Course Modules: Epidemiology and Biostatistics, Environmental Health and Sustainable Development, Environmental Pollution Control, Food Safety and Hygiene, Health Communication and Behaviour Change, Health Impact Assessment, Occupational Health and Safety, Project Management, Research Methodology and Water and Sanitation.

Applicants must have a bachelor's degree from any recognized institution of higher learning in Environmental Health, Public Health or any other related field with at least a strong pass (50% and above) and at least two years work experience at graduate level and in a relevant field.

APPLICATION PROCEDURE FOR MASTERS;

A complete Masters Programme application **MUST INCLUDE:**

A completed application form and CV;

1 letter from an Academic Referees and **One** letter professional referee;

Certified Academic Transcript;

Certified copies of original certificates by a **commissioner of oath** or **Lawyers** or the Central Office (University Office);

A non-refundable application fee of **MK10, 000** for Malawian applicants and **US\$25.00** for international applicants;

Application fees must be paid to the following bank account;

Account name: Polytechnic Revenue

Bank: National Bank, Chichiri Branch

Account number: 737461

Applications should reach the following address by Tuesday, **30th April, 2019**

**The Registrar
Att: Postgraduate Studies Office
The Polytechnic
Private Bag 303
Chichiri
Blantyre 3
Malawi**

Further details about the programme and Application Forms can be downloaded from the Polytechnic website: www.poly.ac.mw or contact the Postgraduate Office; Tel - **(265) 1 871 703** Email: dean-postgraduate@poly.ac.mw