



THE POLYTECHNIC
POSTGRADUATE PROGRAMMES
FACULTY OF APPLIED SCIENCES
2018 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, 2018

1. DOCTOR OF PHILOSOPHY (PHD) AND MASTER OF PHILOSOPHY (MPHIL)

- a) PhD and MPhil Applied Sciences (Environmental Sanitation)
- b) PhD and MPhil Applied Sciences (Renewable Energy)
- c) PhD Applied Sciences (Public Health Engineering)
- d) PhD Applied Sciences (Information Technology)
- e) PhD and MPhil Applied Sciences (Industrial Process Technology)
- f) PhD and MPhil Applied Sciences (Environmental Protection and Management)
- g) MPhil Applied Sciences (Environmental Health)
- h) PhD and MPhil (Applied Mathematics)
- i) PhD and 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 Honours degree in the First or Upper Second Division or a Bachelors degree with at least a Credit or a strong pass with at least 2 years experience in a relevant discipline. 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 and **US\$5,500 (Paid in MK Equivalent)** for the whole programme of MPhil will carter for tuition, supervision and examination costs. Research expenses will vary from candidate to candidate based on the nature of research. However indicative figures of **US\$4,500** and **US\$3,500** for the whole programme for PhD and MPhil candidates, respectively, may be used for budgeting purposes.

PhD and 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; 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); 2 letters from academic referees at postgraduate level; and a detailed latest CV.

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

2. MASTERS PROGRAMMES

a) Master of Science in Water Resources and Supply Management (MWRSM) – (to commence in September 2018)

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.

b) Master of Science in Environmental Protection and Management (MEPM) - (to commence in September 2018)

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.

c) Master of Science in Environmental Health (MEH) - (to commence in September, 2018)

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% -59%) plus at least two years work experience at graduate level and in a relevant field.

Tuition Fees

Successful applicants will be required to pay a tuition fee of Malawi Kwacha equivalent of **US\$6,500.00** for local and SADC students and **US\$7,500.00** for other international students for the duration of two years. Programmes are offered on block release and non-residential basis.

Programme Delivery

The programme is offered on block release and non-residential basis.

A complete Masters Programme application **MUST INCLUDE**: A completed application form and CV; two Academic References; Certified Academic Transcript; Certified copies of original certificates; A non-refundable application fee of **MK10, 000** for Malawian applicants and **US\$25.00** for international applicants; and Proof of funding for the two years of study in a form of a scholarship offer or a bank certified guarantor.

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 **Friday, 27th April, 2018**.

**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