



THE POLYTECHNIC

POSTGRADUATE PROGRAMMES

FACULTY OF ENGINEERING

2018 INTAKE

The Malawi Polytechnic, a Constituent College of the University of Malawi, Faculty of Engineering is inviting applications for the following Postgraduate Programmes which will commence in September, 2018

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

- PhD and MPhil Engineering (Industrial Management)
- PhD and MPhil Engineering (Infrastructure Development and Management)
- PhD and MPhil Engineering (Power and Machines)
- PhD and MPhil Engineering (Telecommunications)
- PhD and MPhil Engineering (Sustainable Engineering Management)
- PhD and MPhil Engineering (Transport Systems)

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 PhD programme and **US\$ 5, 500 (Paid in MK Equivalent)** for the whole MPhil programme. These expenses will cover tuition, supervision and examination costs for the PhD & MPhil respectively. 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.

2. MASTERS PROGRAMMES

a) Master of Science in Sustainable Engineering Management (MSc Sus-Eng)

Core modules: Project Management, Research Methodology, Environment and Sustainable Development, and Information, Communication and Dissemination.

Pathway modules:

Facilities Management: Managing the Property Asset; Facilities Management Strategy and Procurement; Facilities Information and Operations Management; and Commercial and Financial Management.

Water Management: Water Quality Management; Integrated Water Resources Management; Water Supply Systems; and Wastewater and Storm Water Systems.

Applicants applying for the Facilities pathway must have Bachelors Degree with a strong Pass plus 3 years working experience at graduate level in any of the following; Engineering, Urban and District Planning, Architecture and relevant Applied Science. While Applicants for the Water must have a Bachelors Degree with a strong Pass plus 3 years working experience at graduate level in Engineering and relevant Applied Science.

Successful applicants will be required to pay a tuition fee of **US\$6,500** Malawi Kwacha equivalent for the programme duration of 2 years. The Programme is offered on block release and non-residential basis.

b) Master of Science in Infrastructure Development and Management (IDM)

Course modules: Project Management, Research Methodology, Environment and Sustainable Development, and Infrastructure Asset Management; Water and Sanitation Systems, Sustainable Energy Systems, Information and Communication Technology (ICT), Public Works Systems, Transportation Systems, and Land Resources Planning and Management.

Applicants to be considered under this programme should have a at least a Bachelors Degree in Applied Sciences, Engineering, Urban, District and Regional Planning, Architecture and Surveying from any recognised institution of higher learning with at least a credit or a strong pass plus 2 years relevant working experience.

Successful applicants will be required to pay a tuition fee of **US\$6,500** Malawi Kwacha equivalent for the programme duration of 2 years. The Programme is offered on block release and non-residential basis.

Application fees must be paid to the following bank account;

Account name: Polytechnic Revenue

Bank: National Bank, Chichiri Branch

Account number: 737461

A complete Masters Programme application **MUST INCLUDE**: An application form completed and CV; 2 Academic References; Certified Academic Transcript; Certified copies of original certificates; A non-refundable application fee of **MK10, 000** for Malawian applicants and **USD25.00** for international students; and Proof of funding for the two years of study in a form of a scholarship offer or a bank certified guarantor.

PhD and MPhil applications must include: 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.**

Masters Programmes 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: poly.ac.mw or contact the Postgraduate Office; Tel - (265) 1 871 703
Email: dean-postgraduate@poly.ac.mw