



Scholarships Opportunity for Master's Degree Programmes starting in 2017

Introduction

The African Centre of Excellence in Water Infrastructure and Sustainable Energy Futures (WISE – Futures) at the Nelson Mandela African Institution of Science and Technology (NM-AIST) invites suitably qualified candidates to apply for postgraduate studies (Master's). WISE - Futures is a newly established centre of excellence funded by the World Bank under its Eastern and Southern Africa Centers of Excellence (ACE II) initiative coordinated by the Inter University Council of East Africa (IUCEA). ACE II project development objective is to strengthen selected Eastern and Southern African Higher Education Institutions to deliver quality post-graduate education and build collaborative research capacity in the regional priority areas. WISE – Futures vision is to provide excellent learning environment for training top-notch Master's and PhD graduates specializing in water, sanitation and energy related fields.

Who can apply?

A number of scholarships are available for outstanding candidates interested in obtaining Master's degree by Coursework and Dissertation in the following: Hydrology and Water Resources Engineering, Environmental Science and Engineering, Sustainable Energy Engineering, Materials Science and Engineering interested in specializing in Energy Materials.

Female candidates are particularly encouraged to apply. Candidates from the East and Southern Africa are highly encouraged to apply.

Eligibility

Applicants for the 2017 Master's in Science Scholarships must meet the following requirements:

- BSc degree (A minimum of Upper Second Class) in Water Resources Engineering, Hydrology, Water Supply Engineering, Sanitary Engineering, Environmental Science and Engineering, Sustainable Energy Science and Engineering or equivalent related fields such as Applied Mathematics, Geology, Ecology, Agricultural/Irrigation Engineering, Civil Engineering, Hydraulic Engineering, Environmental or Chemical Engineering, Mechanical Engineering, Geosciences etc. The BSc. Degree should have been acquired from any accredited university within Africa or other International Institutions recognized by the Tanzania Commission for Universities (TCU).
- A good command of communication in English (written and oral)
- Below the age of 35 years
- Have a high degree of computer competence
- Have the ability to work in multi-disciplinary and international teams
- Be self-motivated and be able to work under pressure to meet deadlines when required
- Must meet the minimum admission requirements as stated on the NM-AIST webpage



The Nelson Mandela African Institution of Science and Technology and WISE - Futures

- Must have filled and submitted the NM-AIST Admission application form for Master's degree programme, available on this link <http://www.nm-aist.ac.tz/documents/document-gallery/application-form.pdf>

Application should contain

- Up to date Curriculum Vitae
- One page abstract of BSc degree Final year Project Report
- A recommendation letter from their latest employer and/or previous supervisor / educator
- Certified copies of their academic certificates. All applicants holding foreign qualifications must have their qualifications validated and equated by the respective regulatory bodies before being allowed for admissions as follows:
 - ✓ The Tanzania Commission for Universities in respect of University Qualification Framework (UQF) Level 6 to 8 qualifications
 - ✓ The National Council for Technical Education in respect of NTA Level 6 to 8 qualifications
 - ✓ The National Examination Council of Tanzania in respect of certificates of secondary education and teacher education.
- A max. 2-page motivation letter why they think they should be selected for this the programme. The motivation letter should indicate their potential research interests
- Completed admission application form or proof of admission to Master's degree programme at NM-AIST into the 2016/17 Academic year.
- Incomplete documents or failure to follow instructions will automatically lead to disqualification

Submission of application

Applications should be sent by email to wise.postgrad@nm-aist.ac.tz not later than December 24, 2016. Selected applicants will be contacted for interviews soon after.