

# THE NELSON MANDELA AFRICAN INSTITUTION OF SCIENCE AND TECHNOLOGY (NM-AIST)



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## INVITATION OF APPLICATIONS FOR ADMISSION INTO THE *MASTER OF SCIENCE IN PUBLIC HEALTH RESEARCH (MScPHR)* DEGREE PROGRAMME FOR THE 2016/17 ACADEMIC YEAR

### 1.0 BACKGROUND

The Nelson Mandela African Institution of Science and Technology (NM-AIST) in Arusha, Tanzania is one in a network of Pan-African Institutions of Science and Technology located across the continent. These institutions envision training and developing the next generation of African scientists and engineers with a view to impacting, profoundly, on the continent's development through the application of Science, Engineering and Technology (SET).

The NM-AIST, which is accredited by the Tanzania Commission for Universities (TCU) is a research intensive institution for postgraduate and post-doctoral studies and research in SET. Its mission is to produce: (1) top-notch SET academics for Higher Learning Institutions; (2) competent researchers for Research and Development (R&D) Institutions; and (3) techno-preneurs, industry captains and innovations managers for stimulating, catalyzing and promoting business start-ups and growth of the local industry. The training, therefore, incorporates appreciable doses of relevant business studies and humanities ingredients designed to develop attributes that will enable graduates become better scientists and engineers for the society and industry.

The Goal of NM-AIST is to catalyze the development of world-class SET through the production of high quality scientists and engineers in Eastern Africa to stimulate, catalyze and promote economic growth and employment creation. Pursuant to this goal, the objective of NM-AIST is to educate the next generation of African scientists and engineers by equipping them with the technical, entrepreneurial and leadership capacities to solve African problems thereby contributing to the economic and social transformation of sub-Saharan Africa. More information on NM-AIST is available on the website: [www.nm-aist.ac.tz](http://www.nm-aist.ac.tz).

### 2.0 MASTER OF SCIENCE IN PUBLIC HEALTH RESEARCH (MScPHR)

The Nelson Mandela African Institution of Science and Technology hereby invites applications from suitably qualified candidates for admission to pursue a Master of Science in Public Health Research (MScPHR) in the 2016/17 academic year.

The *Master of Science in Public Health Research* (MScPHR) is a new programme at NM-

AIST that is hosted by the School of Life Sciences and Bioengineering (LiSBE). The programme will be run jointly between NM-AIST and the Ifakara Health Institute (IHI). The two-year programme will comprise of 12 months of coursework and 12 months of research. The coursework will take place at the facilities of the Ifakara Health Institute, Bagamoyo Training Centre. Courses will be offered by staff from the two Institutions. The areas of specialization in MScPHR are as shown in the table below:

<b>Degree Programme</b>	<b>Area of Specialization</b>	<b>Pre-requisite degree courses</b>
Master of Science in Public Health Research (MScPHR)	Determinants of Health and Diseases	Social Sciences (Sociology, Anthropology), Environmental Sciences, Doctor of Medicine, Veterinary Science/Medicine, Human Nutrition Sciences, Statistics, Biology, Informatics and related fields
	Intervention Research	Statistics, Doctor of Medicine, Veterinary Science/Medicine, Environmental Sciences, Human Nutrition Sciences, Biology and related fields
	Implementations and Health Systems Research	Social Sciences, Doctor of Medicine, Environmental Sciences, Health System Management, Economics, Statistics, Informatics and related fields

### **3.0 ADMISSION REQUIREMENTS**

**3.1** To be admitted to the MScPHR programme, candidates shall meet the minimum requirements as stipulated below:

- (i) Possess a Bachelor’s degree from an accredited university or similar institution of higher learning with GPA of at least 3.0/5.0.
- (ii) Candidates that hold unclassified degrees (e.g. MD, BVM and DDS) shall have at least an overall of “C” grade and an average of “B” grade in the relevant subject or field of his/her specialization.
- (iii) Satisfy the programme and specialty specific requirements as specified under Pre-requisite degree courses.

### **3.2 English proficiency**

Since English is the primary language of instruction, all applicants seeking admission to academic programmes at NM-AIST must possess adequate knowledge of written and spoken English as a prerequisite for admission. This demonstration may take one of the following forms:

- (i) Successful completion of a baccalaureate degree from a recognized university or

- similar institution of higher learning where English is the language of instruction.
- (ii) Successful completion of a postgraduate degree programme at a recognized university or similar institution of higher learning where English is the language of instruction.
  - (iii) Submission of official results of the Test of English as a Foreign Language (TOEFL) with a paper-based score of 550 (or higher), computer-based score of 213 (or higher) or Internet-based with a score of 80 (or higher).

### **3.3 Academic Transcripts and Certificates**

Candidates who have been awarded Bachelor's and/or Master's degrees at accredited universities or similar institutions of higher learning which issue academic documents in languages other than English shall submit notarized English translations of all supporting documentation including, but not limited to, transcripts, degrees, and diplomas.

### **4.0 FEE STRUCTURE**

Visit NM-AIST website: [www.nm-aist.ac.tz](http://www.nm-aist.ac.tz) for details on fee structure. Note that it is mandatory to pay all direct University costs.

### **5.0 ADMISSION AND SPONSORSHIP**

Applicants meeting the admission requirements will be offered provisional admission letters to enable them secure sponsorship for their studies. The Nelson Mandela African Institution of Science and Technology **DOES NOT** offer any scholarship to students.

### **6.0 APPLICATION INFORMATION AND INSTRUCTIONS**

- 6.1 Applicants are required to read and understand all information before submitting their applications.
- 6.2 No student will be allowed to change the programme specialty admitted to.
- 6.3 Selected applicants will be required to produce their original transcripts and certificates for authentication during registration.
- 6.4 Applicants are required to submit the following documents to support their applications:
  - a) Duly filled application forms (Form NM - A101) available on the website [www.nm-aist.ac.tz](http://www.nm-aist.ac.tz).
  - b) Copies of degree transcripts and certificates certified by the offering Universities/Colleges.
  - c) Certified copies of Certificate of Secondary Education Examination (CSEE) and Advanced Certificate of Secondary Education Examination (ACSEE) and other relevant academic certificates.
  - d) Completed reference form (Form NM - A102) available on the website: [www.nm-aist.ac.tz](http://www.nm-aist.ac.tz).

- e) If employed, a signed certification of employer regarding grant of study leave.
- f) Evidence of English proficiency if the medium of communication in the preceding academic levels was not English.
- g) Bank pay-in-slip as evidence of payment of application fees (non-refundable):
  - i) TShs 50,000/= for Tanzanian applicants.
  - ii) USD 30 (for Master's) for international applicants.

## 7.0 PAYMENT OF APPLICATION FEES

Application Fees should be paid to the following accounts:

Tanzania Currency:

**Bank name:** CRDB – USA River  
**Account No:** 0150047604202 for TShs  
**Account Name:** Student Fees TShs

USD Currency:

**Bank name:** CRDB – USA River  
**Account No:** 0250047604201 for USD  
**Account Name:** Student Fees USD  
**SWIFT Code:** CORUTZ TZ

## 8.0 SUBMISSION OF APPLICATIONS

Applications can be submitted by e-mail, post or hand delivery to the following addresses:

- (a) **By E-mail:** [admission@nm-aist.ac.tz](mailto:admission@nm-aist.ac.tz)
  - (b) **By Post:**  
 The Admissions Department,  
 The Nelson Mandela African Institution of Science and Technology,  
 P.O. Box 447,  
 ARUSHA - TANZANIA.
  - (c) **Hand Delivery:**  
 The Admissions Department,  
 Administration Block, Wing E; Office No. 105  
 The Nelson Mandela African Institution of Science and Technology, Tengeru.
  - (d) Deadline for applications is **31<sup>st</sup> August, 2016**
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