



THE AFRICAN CENTER FOR SUSTAINABLE CITIES STUDIES (ACS)

Call for applications for MSc Scholarship in Sustainable Energy Science

The African Center for Sustainable Cities Studies (ACS) is a research and training center established at Ardhi University (ARU) under the VLIR-UOS Institutional University Cooperation (IUC) programme in collaboration with Hasselt University (UHasselt) as a lead partner University in Belgium and other Flemish Universities including; Gent University, Antwerp University, Free University of Brussels, Busworld Academy and University of Applied Sciences and Arts. The collaboration includes other Tanzanian Institutions namely Mzumbe University, University of Dar es Salaam and the National Institute of Transport. The vision of the ACS is to contribute towards attaining the world with inclusive, safe, resilient and sustainable cities and communities in accordance with SDG 11 and its mission is to advance research and education for sustainable cities development and to contribute in generating solutions to societal and environmental problems related to urban development.

The ACS in collaboration with partner universities announce several scholarships for Masters' degree studies in Belgium and in Tanzania for a duration of one to two years depending on the degree programme. The scholarship will cover tuition fees, relevant transport and insurance costs as well as an upkeep allowance. Tanzanians with requisite qualifications are invited to apply for the scholarships. ACS operates under principles of the Agenda 2030 (Leaving No One Behind). Therefore, candidates from disadvantaged groups are encouraged to apply.

The General eligibility criteria are;

- i. ARU employees or those with a potential of being employed by Ardhi University. Therefore, the applicants shall have a GPA of at least 3.8 in undergraduate degrees.
- ii. Must have admission or proof of being in a process of seeking admission at Nelson Mandela Institution of Science and Technology



- (NM-AIST). The successful applicant is expected to enroll for studies in January 2023.
- iii. Strong written and oral communication skills in both English and Kiswahili languages

In addition:

- i. Applicants who are not ARU employees must be ready to be employed by ARU after completion of their studies should employment positions be available
- ii. All applicants should be ready to sign an agreement with ARU before commencement of scholarship
- iii. Age limit: Not older than 40 years at the time of admission

Thematic Area: Decent Housing

Relevant Masters programme and description:

Masters' in Sustainable Energy Science and Engineering (SESE) programme at Nelson Mandela Institution of Science and Technology (NM-AIST). The successful candidate will follow course work of the relevant MSc programme and thereafter embark on research that will lead to a dissertation. The potential research area is "Briquettes as alternative renewable energy source"

The research phase will be conducted at Ardhi University and jointly supervised by ARU and NM-AIST academic staff. The candidate will also receive a support from Flemish researchers under their respective research domains.

Eligibility criteria:

Candidate will have at least a bachelor degree in Environmental Sciences, Environmental Engineering, Mechanical Engineering, or related fields

Additional eligibility criteria:

Knowledge on waste technology, Computer skills will be added advantage

Number of positions and year when they will be offered: 1 (to be offered starting in January, 2023)



Application Procedures and Deadline:

Copies of application documents including i. Admission letter from relevant Institution, ii. a motivation letter; and iii. all relevant supporting documents (e.g. certified copies of certificates, CV, etc.), both hard and soft copies, should be submitted to Ardhi University using the following address:

Director, Postgraduate Studies Research and Publications

Ardhi University,

P.O Box 35176,

Dar es Salaam.

Email: dprp@aru.ac.tz

All applications should be submitted not later **than 18th November, 2022.**