



Sida Mathematics Project

ANNOUNCEMENT OF FIVE PhD SCHOLARSHIPS IN MATHEMATICS AT UDSM

November 2024

The overall objective of this Sida Mathematics sub-programme (Phase II) titled Capacity Building in Mathematics for Scientific and Technological Advancement in Tanzania (CBM-STAT) is to build postgraduate training and research capacity in Mathematics and Mathematics education in Tanzania. The expected outcome of this phase is to have well-trained graduates who will participate productively in strategic research activities that can contribute to the alleviation of poverty levels in the society. The sub-programme is expected to enhance the quality and quantity of research outputs. The collaboration in teaching, supervision and research with partners in Sweden will contribute to building training and research capacity at the University of Dar es Salaam.

Qualifications

Suitable candidates for this position must fulfil these minimum requirements:

- Possess an admission letter from the University of Dar es Salaam for 2024/2025 academic year.
- Hold a Master's degree in Mathematics (Attach the title and Abstract).
- Good writing and communication skills in English as well as research skills.
- Previous publications related to the research focus/theme is considered as an advantage.
- Willingness to commit full-time effort to his or her PhD training program.
- University of Dar es Salaam academic staff will be given priority.
- Must be a Tanzanian.
- Female candidates are encouraged to apply.

Scholarship value

This scholarship will cover tuition fee, stipend and research costs as stipulated in the UDSM postgraduate fee structure and laptop computer.

How to apply

The entire application package must be submitted by e-mail with the subject title "PhD scholarship application" to the principal investigator, Dr. Sylvester Rugeihyamu (rugeihyamu@udsm.ac.tz), and copied to Dr. David Koloseni (koloseni.david@udsm.ac.tz). The deadline for receiving documents is 6th December 2024.

Applications received later than this date will not be considered. Further details may be obtained via the mentioned e-mail addresses.

Mode of Application

Applications must include the following documents:

- 1 Cover letter describing why you wish to undertake this PhD training and how this study may further your career (max. 1 page).
- 2 Research concept note (max. 3 pages, excluding references). The following details must be included:
 - Statement of the research problem.
 - The main objective and specific objectives.
 - Research questions.
 - Selection and rationale of the proposed study area.
 - Methodological approach, including fieldwork considerations.
 - Letters of recommendation from two referees including phone numbers and e-mail addresses.

Interview and Selection

Candidates with required qualification will be invited for interviews via zoom on 9th or 10th December 2024 and selected candidates will begin PhD studies before 16th December 2024.

Interview and Selection

The successful candidate will be offered a 4-year PhD scholarship of coursework and dissertation from 2024/2025. Evaluation of the progress of the PhD activities will be done according to current postgraduate regulations of the University of Dar es Salaam.