



**CALL FOR APPLICATIONS FOR PHD SCHOLARSHIPS IN MATHEMATICS AT
THE UNIVERSITY OF RWANDA WITHIN THE STRENGTHENING RESEARCH
CAPACITY IN MATHEMATICS, STATISTICS AND THEIR APPLICATIONS
SUBPROGRAMME**

1. Background

The school of Science, College of Science and Technology (CST), University of Rwanda (UR), in partnership with Linköping University (LiU), Stockholm University (SU) and Royal Institute of Technology (KTH) in Sweden, through the Research Training Programme-Rwanda and Sweden (2019-2024) and extended to 2026, calls for applications for **5 PhD scholarships** to potential PhD candidates to be admitted in the full-time PhD Programme in Mathematics with course work.

2. PhD Programme

The programme is run jointly with LiU, SU, and KTH. However, UR will award the PhD degree.

This PhD programme by course work and research involves one year of core modules and elective modules during the following years. The teaching is conducted at UR jointly by UR lecturers and lecturers from collaborating Swedish institutions. In fact, the proposed PhD by coursework is designed in such a way that the allocation of PhD supervisors is done after students have acquired sufficient knowledge and skills through coursework to enable them to better develop their research proposals. Lecturers from LiU, SU, KTH and UR share the responsibility of supervision with the expected duration of 3 years for the completion of the PhD degree with the possibility of an extension of one year.

3. Funding

The scholarship will cover the supervision fees for Swedish lecturers, travel costs to Sweden, stipends while in Sweden, fieldwork in Rwanda and trips to participate in international conferences. All above activities should be recommended by the supervisory team.



4. General eligibility criteria

Below are the general eligibility criteria. The applicant

- i. must be a permanent staff of the University of Rwanda;
- ii. should be Rwandan by nationality;
- iii. must be ready to spend some period in Sweden recommended by the supervisory team;
- iv. must be ready to continue working at the UR after completion of the doctoral studies;
- v. must have a proof of registration in the PhD Programme by course work at UR;
- vi. Should not have another scholarship for PhD studies.

5. Specific eligibility criteria

Below follow the essential and desired criteria, respectively.

The essential criteria are

- i. The candidate must have a Master's degree in mathematics with outstanding grade (70 % and above).
- ii. Candidates with a MSc degree obtained abroad should present an equivalent document from HEC.
- iii. The candidate must be English proficient.

The desired criteria are

- i. Women and the disabled are encouraged to apply.
- ii. Male applicants below 40 years and female applicants below 45 years of age will be given priority for PhD Scholarships.



6. How to apply

Interested applicants are required to submit the following documents:

- i. An application letter for the position, addressed to the Director-UR Centre for postgraduate studies.
- ii. A two-page cover letter motivating why the applicant should be considered.
- iii. Recommendation letters from at least two academic or professional referees; one of the recommendation letters should preferably be issued by the master's degree supervisor.
- iv. Recommendation of your College Principal.
- v. Certified copy of Bachelor and Master's degrees and their transcripts
- vi. Copies of valid identification card or passport.
- vii. Updated CV (max of 3 pages) including full specification of the Master's degree specialization and any other previous academic experience relevant to the program (e.g., research assistantship, publications in indexed journals and teaching experience).
- viii. A maximum 5 pages' research proposal in the following 3 options: Pure Mathematics, Applied Mathematics, and Mathematical Statistics. The research proposal must be checked for plagiarism, and a proposal with more than 20% similarities will be rejected.

Please send the above mentioned (scanned and saved in one document) to the following email ur-cpgscholarship@ur.ac.rw, with a copy to martin.singull@liu.se, froduald.minani@gmail.com, venustino2005@yahoo.fr, team leaders, Strengthening research capacity in mathematics, statistics, and their applications subprogram.

Remember to name the application folder with your name and the document name.

7. Submission deadline

The deadline for application is August 12, 2022 at the latest. Applications received beyond this deadline will not be considered.



8. Recruitment process

The shortlisted applicants will be notified and called for an interview. The interviews will be conducted at UR-Gikondo Campus.

The recruitment team includes staff from the School of Science, CST, UR, and from LiU, SU, KTH. Team Leaders and potential supervisors are only members of scoring panel.

Done at Kigali, July 14, 2022

Assoc. Prof. Charles MULINDA KABWETE

Ag. Deputy Vice Chancellor for Academic Affairs and Research.