

Gr2A MSc and PhD Scholarship Call for Applications (Cohort 1)

Application Deadline: 31 July 2024

Applications for Scholarships are invited from suitable candidates to pursue studies and research in Green Computing. If your intention is to pursue studies in Computer Science, Information Systems, Data Science and Geographic Information Systems, focusing on sustainability – you qualify to apply. Applications will be accepted from Group 1 and Group 2 applicants as explained below:

Introduction

The Grow Green Africa (Gr2A) project is sponsored by the Intra-Africa mobility Scheme of the European Union. The project seeks to address the regional and global challenges of climate change through knowledge exchange in green computing competencies among African students and academics. Through teaching and research in green computing, the project promotes the development of innovative green solutions, focusing on sustainability. In total, the project aims to award sponsorship to a total of 68 recipients. Of these 35 will be masters' students, 10 doctoral students, 8 trainees at either undergraduate or post-graduate level, with 15 being staff members of the participating institutions. This is the first call, that targets 14 MSc and 8 PhD students registered or admitted in or who have completed their degrees in African universities.

List of Higher Education Institutions (HIE) in the Consortium is Group 1:

The following institutions constitute Group 1: Copperbelt University (CBU), Zambia; National University of Science and Technology (NUST), Zimbabwe; Namibia University of Science and Technology (NUST), Namibia; Rhodes University (RU), South Africa, and University of Eswatini (UNESWA), Eswatini.

The rest of African Universities outside the Consortium including universities within African countries in the Consortium (Group 2)

Application requirements for Credit and Degree Seeking Applicants

- i. For Target Group I: Applicants must be registered or admitted in or have obtained a HEI degree or equivalent from one of the HEIs listed as Consortium partners.
- ii. For Target Group II: Applicants must be registered or admitted in or have obtained a HEI degree or equivalent from any HEI not included in the partnership as a partner but established in an eligible country.
- iii. At the time of application, a candidate must be a national and resident in an African country.
- iv. Applicants must have no other scholarship within the same project under the Intra-Africa Academic Mobility Scheme regardless of the type of mobility or the funding project.
- v. Applicants must not have benefited from scholarship(s) under the previous Intra-ACP Academic Mobility Schemes.

To be considered applicants must prepare and submit the following documents:

- i. A strong motivation letter (max 800 words)- showing:
 - Relevancy of problem/ challenge to be solved by the applicant
 - The impact educating them would have on an African community of their choice

- Proficiency in English, and proof of proficiency (implementation)
 - What the applicant expects to do during the course
 - Applicant' willingness to write academic papers (research)
 - Why the applicant thinks they can complete the course
 - Previous experience with Sustainable engineering would be an added advantage
- ii. A project proposal in the area of study
 - iii. A detailed curriculum vitae
 - iv. Certified copies of undergraduate and/ or masters' certificate
 - v. Proof of university admission, or offer letter for the chosen programme of study
 - vi. Three (3) letters of references

In addition to the documents to be submitted, applicants should meet the following:

- i. Ability to acquire a visa to the host institution
- ii. Should pass an interview
- iii. Be under 40 years

How to Apply:

- i. Prospective candidates are invited to apply through the **project website**: <https://gr2a.org/application/> ensuring that they attach all the relevant documents. In addition, application copies should be sent to the coordinators of each institution through email addresses indicated in the Programmes table.
- ii. Candidates applying for scholarships should also submit proof of offer letters from the institution that they wish to pursue studies from. All applications for study programmes, should be directed to the institutions of applicants' choice, here indicated in the table below.
- iii. As part of the selection process for scholarship, candidates will have to pass an online interview.
- iv. Communication of the final decision on scholarship will be made through the applicant's email addresses.

Institution, Programmes, Thematic Field of Study and Contact Persons

As part of the application process for scholarships, applicants should get in touch with the contact persons listed in the table below:

Institution	Programme	Available Places	Thematic Field of Study	Scholarship Duration*	Coordinator Contact
Copperbelt University, Zambia	Master of Science in Computer Science (Taught)	4	Climate Smart Technologies	15 months	Dr. George Mufungulwa mufungulwa@cbu.ac.zm
	Master of Science in Computer Science (Research)	1	Climate Smart Technologies	15 months	
Namibia University of	Master of Management	3	Information Systems	15 months	Dr Nikodemus Angula nangula@nust.na

Science and Technology, Namibia	PhD in Information Systems	1	Information Systems	24 months	chcangula@gmail.com
National University of Science and Technology, Zimbabwe	Master of Science in Information Systems (Research)	1	Green Information Systems in Agriculture	15 months	Dr Sibonile Moyo sibonile.moyo@nust.ac.zw
	Master of Science in Big Data (Research)	2	Smart Agriculture	15 months	
	PhD in Information Systems (Research)	2	Green Information Systems in Agriculture	24 months	
Rhodes University, South Africa	Master of Science in Computer Science (Research)	2	Climate Smart IoT and Networks in renewable energy	24 months - degree-seeking	Prof. Nomusa Dlodlo n.dlodlo@ru.ac.za
	Master of Commerce in Information Systems (Research)	1	Data analytics, big data and IoT in renewable energy	24 months - degree-seeking	
	PhD in Information Systems (Research)	1	Data analytics, big data and IoT in renewable energy	6 months - credit-seeking	
	PhD in Computer Science (Research)	1	Climate Smart IoT and Networks in renewable energy	6 months - credit-seeking	
University of Eswatini, Eswatini	PhD in Computer Science	2	Computer Science	24 months	Dr Zenzo P. Ncube zenzopn@gmail.com zpncube@uniswa.sz
	PhD in GIS	1	Geographic Information Systems	24 months	

Scholarship Duration* - shows the period of scholarship sponsorship, not necessarily the period of degree duration.

Available Funding

Available scholarship funding covers:

- tuition for the duration of the scholarship
- research costs
- monthly stipend (1 230 Euro for PhD & 890 Euro for Masters)
- visa and insurance costs
- return ticket from home country to institution of study