

FRAME Project Description

The project, Fostering Research and Intra-Africa knowledge transfer through Mobility and Education (FRAME) aims at strengthening research and education exchange to help finding solutions to the challenges of Food, Energy and Water Security (F.E.W.S) in Africa amid increased pressure from climate change, population, development and related impacts. FRAME has five African university partners (i.e. Buea, Cameroon; Hawassa, Ethiopia; KNUST, Ghana; Free State, South Africa and NUST, the applicant and coordinator, Namibia) with University of Twente, Faculty of ITC and Namibia Qualification Authority as technical and associate partners respectively.

The objective of FRAME is to implement mobility via a strong graduate research and studies programme (GRSP) on Food, Energy, and Water Security (F.E.W.S) with a suite of academic programmes that contribute to this topic. The GRSP model is based on the research plan built on the needs of partner countries and using university centres as hosts of the mobility beneficiaries. Using GRSP, FRAME seeks to foster an integrated approach that encourages multi and trans-disciplinarily research aimed at contributing to the capacity required to improve F.E.W.S in partner countries.

The composition of the graduate degree programmes on offer and the existing overlap in thematic fields allows for academic mobility and research in this scheme that is beneficial for each partner. For example, countries with a similar defined need in agricultural sciences (Namibia, Cameroon, Ethiopia, Ghana) still offer different areas of specialisation within their programmes: Crop production/crop protection, Agronomy, Agroforestry, Soil Science, Agricultural economics, and Animal science. Ghana, South Africa and Namibia offer expertise in Energy technologies which others tap into while Namibia has a strong and proven natural resources management track record that is shared with partner universities.

Some of the programmes chosen are research based aimed to increase research skills and capacity of students and also increase research outputs. Through the combined areas within the consortium, the diversity of the programmes is targeted considerable so that students can either expand their study spectrum or to acquire specialisations. In case of non-degree mobility, mobility up to 9 months are offered to comply with an area that matches the previous degree of the applicant to enhance future academic career options and employability.

Description and Number of Positions

Type: PhD

Number: 2 scholarships

Position Duration: 48 months

Mobility Scholarship duration: 36 months

Host Academic Programme

Our PhD majoring in Disaster Management is a 360-credit specialised programme at NQF Level 10. It is based purely on multidisciplinary research. The minimum entrance requirement is a good and relevant master's degree at South Africa National Qualification Framework (NQF) Level 9. An applicant whose master's degree is not in disaster management or disaster risk management may be required to register for some of our postgraduate and master's modules in disaster management for non-degree purposes. Our PhD can be completed within a minimum period of two (2) years and

a maximum period of four (4) years. The application process includes the applicant submitting an extended concept note, and later developing and defending a research proposal.

With a PhD majoring in Disaster Management, you will become an expert in your chosen area of disaster risk management. During or upon completion of their study, the student is expected to present at least one paper at a recognised national or international conference as well as publish at least an article in one internationally accredited journal. For more information visit www.ufs.ac.za/dimtec

Description of Host

The Disaster Management Training and Education Centre for Africa (DiMTEC) of the University of the Free State (UFS) is located within the Faculty of Natural and Agricultural Science. DiMTEC is one of the leading centres in Africa specialized in disaster management education, training and research. The centre hosts three postgraduate programmes which include:

- Postgraduate Diploma in Disaster Management (NQF Level 8)
- Master's of Disaster Management (NQF Level 9) and
- Doctor of Philosophy (PhD) majoring in Disaster Management (NQF Level 10)

These are multidisciplinary programmes due to the multidisciplinary nature of the disaster management function. The centre therefore attract students from different backgrounds including natural and physical sciences, engineering sciences, medical sciences, education, law, Environmental science, climate science, agriculture to name but a few. Diverse lecturers with different expertise lecture and carry out research at the centre. The language of instruction is English

Position requirements

Applicants must meet the general UFS admission requirements and the DiMTEC specific requirements. To be considered, the applicant must:

- i. Hold a good Master's degree from a recognized Higher Education Institution (HEI)
- ii. A minimum score of 65% at the Master's level especially the research component
- iii. Good mastering of the English Language
- iv. Basic mathematic and statistic skills
- v. Experience in disaster management or related fields will be an added advantage
- vi. A good extended concept note on a topic that relate Disaster/Climate change to Agriculture, water or energy

Scholarship Position Benefits

- Settling Allowance
900 €
- Monthly Subsistence Allowance
900 €
- Allowance for female scholarship holders
(per academic year only for mobility equal or longer than 2 academic years) 900 €
- Research Costs



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Academic Mobility Scheme of
the European Union



- (per academic year only for mobility equal or longer than 10 months) 2000 €
- Insurance Costs
75 €/per month
- Travel and Visa Costs

Who can apply (Scholarship Eligibility)

All applicants must have studied and obtained a qualification at any African Higher Education Institution. In addition:

- **Target Group 1 (TG 1):** Nationals and/residents of African countries who are staff, alumni and or students registered in one of the Partner Universities at the time of application
- **Target Group 2 (TG 2):** Nationals and residents of Africa, registered in or having obtained a university degree or equivalent in a higher education institution of such countries and not included in the Partnership.

Application Documents

Potential applicants must:

- Complete the UFS online application (<https://apply.ufs.ac.za/>)
- Attach certified copies of all certificates
- Certified copies of academic records
- A certified copy of identification document
- An extended concept note of about 7 pages on a topic that focuses on Disaster/Climate Change and agriculture, or water or energy nexus
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Contacts Details

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FRAME Coordinator

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Visit the FRAME website: <https://frame.nust.na/> and click on the call for further details.



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