

DAAD In-Region Masters Scholarships Available for 2020 Academic year at the University of Pretoria

1. Introduction

The University of Pretoria (UP), in collaboration with its Partner Institutions, invites applications for scholarships funded by the DAAD German Academic Exchange Service from qualifying candidates from the respective partner countries and institutions. The six partner institutions and countries are listed:

- University of Buea (Cameroon)
- National University of Lesotho (Lesotho)
- University of Pretoria (South Africa)
- Copperbelt University (Zambia)
- University of Zambia (Zambia)
- University of Zimbabwe (Zimbabwe)
- National University of Science & Technology (Zimbabwe)

The main aim of the project is to strengthen the postgraduate programmes of the participating universities in the fields of agricultural and environmental studies. Hence, staff members of the partner institutions or potential staff members (who would become eligible to be employed by the respective universities after completing their studies) are eligible to apply for scholarships.

It should be clarified that the application process for the DAAD scholarships being offered and the application for UP admission are independent of each other and they have different time-frames.

The participating universities (except UP) will select eligible candidates who will eventually be recommended for the DAAD scholarships. The recommended candidates will also apply for admission to UP. The DAAD scholarships will cover tuition fees, travel costs (covers a return flight upon commencement and completion of the scholarship), accommodation, medical aid and subsistence.

NOTE: It is the candidates' responsibility to ensure that they familiarise themselves with the pertinent procedures, eligibility requirements and deadlines.

2. List of master's degree programmes offered by UP

To be eligible candidates must have obtained honours /associate degree or a four (4) years bachelor's degree at the time of application. Female applicants, candidates from less privileged regions or groups as well as candidates with disabilities are especially encouraged to apply.

MSc degree programmes **by coursework plus mini-dissertation** are tabulated below:

MSc Environment and Society	MSc Environmental Ecology	MSc Environmental Economics	MSc Environmental Education
MSc Environmental Management	MSc Forest Management and the Environment	MSc Water Resource Management	MScAgric Agricultural Economics

Any other Masters by coursework degree programmes focused on agricultural or environmental topics

MSc degree programmes by **100% research with full dissertation** are tabulated below:

MSc Engineering and Environmental Geology Hydrogeology	MSc Biotechnology (Genetics)	MSc Environmental Ecology	MSc Environmental Society
MScAgric Agricultural Extension	MSc Water Resource Management	MSc Environmental Management	MSc Environmental Education
MSc Food Science	MSc Engineering and Environmental Geology	MSc Animal Science/ wildlife	MSc Crop Science

Any other Masters by research degree programmes focused on agricultural or environmental topics

3. Application Procedure

The application procedure will have three (3) stages.

- The first stage is the selection of eligible candidates by the participating universities (except UP).
- The second stage is the application for UP admission, which the selected candidates have to do themselves on the UP online application system.

- The third stage is for candidates recommended by UP to apply for DAAD scholarship through the DAAD online portal.

Interested candidates have to submit their applications through the relevant participating university in the candidate's country of origin. The participating universities for different countries and contact details are tabulated below:

Partner Institutions Contacts

	UNIVERSITY	CONTACT PERSON	EMAIL ADDRESS
1	National University of Lesotho	Dr Manthoto Lephoto	hmlephoto@yahoo.com
			pvc@nul.ls
2	University of Zimbabwe	Prof. K. Nyikahadzoi	Knyikahadzoi@gmail.com
3	National University of Science & Technology (NUST), Zimbabwe	Prof. Yogi Naik	yoginaikatnust@gmail.com
			rio.director@nust.ac.zw
4	University of Zambia	Prof Sichingabula	sichingabula@unza.zm
			sichingabula@yahoo.com
			dvc@unza.zm
		Patricia Sakala, Manager, International Link, VC's Office	patricia.sakala@unza.zm
		Prof Elana Mwase	emwase@gmail.com
5	Copperbelt University, Zambia	Prof Jameson Mbale	jameson.mbale@cbu.ac.zm
		Dr Shadreck Chama	schama@cbu.ac.zm
		Professor Naison Ngoma (VC)	n_ngoma@yahoo.com
6	University of Buea, Cameroon	Prof Eric Achidi	achidi_e@yahoo.com

3.1 Selection of eligible candidates by partner institutions (excluding UP)

- UP to distribute the call for applications to partner institutions.

- b)** Partner institutions to advertise the scholarships in their countries through various channels including their websites, posters, notice boards and any other medium of communication.
- c)** Eligible candidates should be employees of the partner institution or should be employable by partner institution upon completion of their studies.
- d)** Each partner institution is to set up a selection committee comprising of at least five (5) members.
- e)** Applicants are to apply to the partner institutions in their respective countries.
- f)** Only applicants with qualification verification certificates obtained from the South African Qualification Authority (SAQA) will be considered. Applicants without SAQA certificates but with proof that they have applied for SAQA certificates will be considered but will be given less priority than those with SAQA certificates already. Applicants can submit their qualifications to SAQA for evaluation as early as possible. The link for SAQA is: <http://www.saqa.org.za/>
- g)** Applicants are encouraged to secure supervisors as early as possible.
- h)** Alternatively, candidates can choose projects and supervisors from the list given in section 6 of this call. Candidates are strongly encouraged to liaise with their identified potential supervisors immediately after identifying suitable projects for their studies.
- i)** Applicants are to submit brief (2 to 3 pages) but detailed and precise MSc proposals (concept notes), including detailed breakdown of the work for the 1st and 2nd year of study to their respective national institutions.
- j)** Each partner institution is to select up to twelve (12) candidates whose names and application documents (MSc proposals, CVs, qualifications, motivation letters, ID/passport, etc.) are to be submitted to UP by 23 May 2019.
- k)** Each partner institution to advise applicants to apply for SAQA certificates which are required for UP admission. (<http://www.saqa.org.za/>)
- l)** Minutes from partner institution's selection committee are to be submitted to UP together with the applications by 23 May 2019.
- m)** Upon receiving applications of candidates from partner institutions, UP liaises with the relevant Faculties in order to confirm availability of supervisors.
- n)** UP will submit names of candidates with confirmed supervisors and projects to DAAD by 4 June 2019

3.2 Application for admission to UP by selected candidates

- a) From the applications submitted to UP by partner institutions, UP supervisors select candidates that they want to supervise.
- b) By 27 May 2019, UP informs the candidates selected by supervisors to apply for UP admission through the UP online application system (if they have not done so already).
- c) The candidates selected by supervisors are required to submit their UP application reference numbers to Onalerona (onalerona.matlawe@up.ac.za) by 31 May 2019. The UP application reference numbers obtained from the UP online application system.
- d) Upon receiving the application reference number, UP Graduate Support will send a confirmation letter to the candidates by 7 June 2019 [N.B. The letter will be needed for the DAAD scholarship application process explained in section 3.3 below]
- e) An appropriate four-year degree qualification, BScHons or equivalent degree, is a prerequisite for admission to study for Master's degree.
- f) Candidates are required to submit SAQA certificates for degrees they obtained outside of South Africa.
- g) An **NQF level 8** (indicated on the SAQA certificate) is a requirement for Master's degree at UP.
- h) Additional requirements and conditions may be prescribed by the Dean on the recommendation of the supervisor, head of department and/or Postgraduate Studies Committee.
- i) Preference will be given to applicants with the highest final grade point averages for their preceding degree.
- j) Candidates should indicate on the UP online application system whether they require UP accommodation or not
- k) UP will send admission letters to successful candidates.

3.3 Application for DAAD scholarships by the recommended candidates

- a) Upon receiving names of recommended candidates from UP, DAAD sends a link for DAAD application portal to UP.
- b) By 7 June 2019, UP sends the link to the recommended candidates to enable them to submit their applications for DAAD scholarships.
- c) Recommended candidates are to submit their complete scholarship application documents to DAAD by 19 June 2019. The DAAD portal will be open from 7 to 19

June 2019, after which it will be closed and no applications for scholarships can be submitted.

- d) A pdf copy of the successfully submitted DAAD application should be sent to Onalerona (onalerona.matlawe@up.ac.za) by 19 June 2019.

Documents to be submitted DAAD through the DAAD online portal are:

- DAAD application form duly filled (available in the DAAD-Portal)
 - Hand signed curriculum vitae (please use the European specimen form at <http://europass.cedefop.europa.eu>), including a list of publication (if applicable)
 - Two (2) recommendation letters by University teachers
 - Letter from the University of Pretoria Graduate Support
 - Certified copies of university degree certificates including transcripts
 - Letter of motivation indicating why you think you are a suitable candidate for the scholarship.
 - Copy of the passport
 - If candidate is also applying for “additional benefits” (see explanation below), details of research work to be done in Germany (2 to 6 months) should be submitted.
- e) Applicants should have successfully completed an honours /associate university degree or a four (4) years university bachelor’s degree.
- f) Have completed their last university degree not more than 6 years ago at the time of application.
- g) Applicants must be nationals of Cameroon, Lesotho, Zambia and Zimbabwe.
- h) DAAD will select and award scholarships to the best candidates out of the recommended candidates submitted by UP.

Additional Benefits

DAAD In-Country /In-Region scholarship holders are also encouraged to apply for a **research grant in Germany** for two (2) up to six (6) months. The necessary financial means are available. Please note: **The short-term research stay in Germany should preferably be announced in the application for the regular scholarship.**

The short-term research scholarship includes:

- A monthly scholarship payment for living costs which amounts to 1,000 € per month
- Health/accident/personal liability insurance
- A flat-rate travel allowance

All further details regarding additional benefits and the additional application processes will be provided after admission to the scholarship programme.

4. Application Timelines

- a)** Partner institutions to advertise the DAAD scholarship opportunities **by 3 May 2019**
- b)** All applications for DAAD scholarships must be received by the six (6) partner universities (University of Buea (Cameroon), Copperbelt University (Zambia), University of Zambia, National University of Science & Technology (Zimbabwe), University of Zimbabwe, and National University of Lesotho) **by 16 May 2019**
- c)** Selection Committees at the six partner universities will complete their shortlisting process and submit recommended candidates (up to twelve (12) candidates per university) to the University of Pretoria **by 23 May 2019**
- d)** UP will complete the shortlisting process and inform recommended candidates directly and through their national universities **by 27 May 2019**
- e)** The recommended candidates should apply online to the University of Pretoria for admission **by 31 May 2019**
- f)** Recommended candidates should submit their reference numbers for UP application to UP Graduate Support by 31 May 2019.
- g)** UP submits recommended candidates to DAAD by 4 June 2019.
- h)** DAAD will send the DAAD scholarship application portal link to the University of Pretoria **by 7 June 2019**
- i)** The University of Pretoria will send the DAAD Scholarship application portal link to the recommended candidates **by 7 June 2019**
- j)** The recommended candidates should apply for DAAD scholarships through the DAAD application portal link **by 19 June 2019**
- k)** Meetings of academics to review applications submitted to DAAD will be finalised by Mid-September 2019

l) DAAD will award scholarships to successful candidates and inform UP and the candidates.

m) The university of Pretoria will facilitate visa application process and arrangements for the scholarship awardees to travel to South Africa to start their MSc studies

5. The DAAD Masters scholarship

The MSc Scholarships are available for a period of two (2) years beginning in 2020. The scholarships will be initially granted for one year and will be extended subject to [satisfactory progress reports submitted to the DAAD secretariat by the scholarship holder](#)

6. Research Projects and Supervisors Available at the University of Pretoria

The table below gives names of supervisors their contact details. Brief overviews of the research projects can be accessed by clicking on the name of the supervisor

Name of supervisor	Email address	Research Topic
Prof. Chris Weldon	cwweldon@zoology.up.ac.za	Taking the heat: survival and activity thresholds of a plant virus vector
Prof. Christian Pirk	cwwpirk@zoology.up.ac.za	Variation in the mandibular and tergal gland pheromones of honeybee workers and their reproductive potential
		Honey fingerprinting through volatile profiling as a potential tool for curbing adulteration
		When is the right time to reproduce and how to camouflage to avoid detection?
Dr Almuth Hammerbacher	almuth.hammerbacher@fabi.up.ac.za	The effect of climate change on the chemistry of pine trees and their interactions with the pitch

		canker fungus, <i>Fusarium circinatum</i>
Dr Abdullahi Yusuf	aayusuf@zoology.up.ac.za	Estimating the population density and queen turnover rate in African honeybee populations
		Genetic diversity of the West African honey bee <i>Apis mellifera adansonii</i>
		Will supplementing pheromones protect hives from infestation by <i>A. m. capensis</i> parasites?
Dr Carel Oosthuizen	carel.oosthuizen@up.ac.za	Population genomics of a southern African marine fish species
Dr Carina Visser	carina.visser@up.ac.za	Genetic improvement of livestock (preferably small stock) using genomics
Dr Heike Lutermann	hlutermann@zoology.up.ac.za	Improved forecasting of blood feeding midges associated with the transmission of veterinary diseases
Prof Abubeker Hassen	Abubeker.Hassen@up.ac.za	Evaluation of encapsulated tannin from different plant species for their effect on rumen fermentation, in situ digestibility of nitrogen and starch, enteric methane emission and animal performance
		Mapping current and future suitability of some tropical and temperate grass species commonly used for pasture based dairy production in South Africa

Prof Brett Hurley	brett.hurley@fabi.up.ac.za	Factors influencing the mass release of the biological control agent <i>Anaphes nitens</i> .
		Factors influencing the efficacy and interaction of parasitoids of the gall wasp <i>Leptocybe invasa</i> .
		Influence of artificial diet on the fitness of reared Lepidopteran pests.
Prof Michelle Greve	michelle.greve@up.ac.za	Using the seedling life stage to better understand the process of bush encroachment
Prof Marion Meyer	marion.meyer@up.ac.za	Integrating chemical and genetic data for species identification
Prof. Kerstin Krüger	kkruiger@zoology.up.ac.za	Improved forecasting of mosquitoes (Diptera: Culicidae) associated with Rift Valley fever virus (RVFV) and other diseases
Prof. Roelf Mostert	roelf.mostert@up.ac.za	Eliminating transverse corner cracking (TCC) of continuous cast steel slab used for windtower plate production
		Tundish (hot/cold) practice for elimination of hydrogen cracking for windtower steel plate manufacture
Dr. HG Brink	deon.brink@up.ac.za	The bioremediation and biorecovery of aqueous lead from solution
		The bioremediation and biorecovery of aqueous selenium from solution
Dr. Marco van Dijk	marco.vandijk@up.ac.za	Hydropower Atlas

Prof. Evans Chirwa	evans.chirwa@up.ac.za	In situ bioremediation of metallic pollutants in groundwater environments
		Substitution of chemical and physico-chemical processes with natural materials in water treatment processes - ecological and value chain analysis
Prof. Josua P Meyer	josua.meyer@up.ac.za	Environmentally friendly heat exchangers for renewable energy power plants that would ensure agricultural sustainability in Southern Africa
Dr. Tinus Stander	tinus.stander@up.ac.za	New techniques and technologies for environmental remote sensing

N.B.

- Candidates awarded DAAD scholarships should send a copy of their award letter to Onalerona (onalerona.matlawe@up.ac.za) immediately.
- Visa, medical aid and travel arrangements will be communicated to you by UP.

For more information, please contact:

Onalerona Matlawe, International Postgraduate Consultant, Graduate Support:

onalerona.matlawe@up.ac.za

Dr Aceme Nyika, Head, Graduate Support: Aceme.Nyika@up.ac.za