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**College of Agriculture & Environmental Sciences**

**Research focus areas for 2021: Department of Environmental Sciences**

**Information required for the 2021 application**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Please complete the information required in this form and submit a CV, Academic Transcripts as well as Concept Note of your proposed research** | | | | | | | | | | | | | | | | | | |
| **Degree you wish to apply for** | | Master's in Environmental Sciences / Environmental Management | | | | |  | | PhD in Environmental Sciences / Environmental Management | | | | | | | |  | |
| **Personal details and contact information** | | | | | | | | | | | | | | | | | | |
| Title |  | | | | | Qualifications | | | | | | | | | | | | |
| Surname |  | | | | | 1 | | | | | | | | | | | | |
| First names |  | | | | | 2 | | | | | | | | | | | | |
| Maiden name |  | | | | | 3 | | | | | | | | | | | | |
| Identity no / passport no |  | | | | | Gender | | | | | | | Male | Female | | | | |
| E-mail address |  | | | | | Nationality | | | | | | |  | | | | | |
| City |  | | | | | Ethnic group | | | | | | |  | | | | | |
| Postal code |  | | | | | Contact number | | | | | | |  | | | | | |
| Country of residence |  | | | | | Cell number | | | | | | |  | | | | | |
| **Employment details** | | | | | | | | | | | | | | | | | | |
| Job title |  | | | | | | | | | | | | | | | | | |
| Company |  | | | | | | | | | | | | | | | | | |
| Department |  | | | | | | | | | | | | | | | | | |
| City |  | | | | | | | | | | | | | | | | | |
| **Please ensure that you have submitted the following documents and tick which you have submitted** | | | | | | | | | | | | | | | | | | |
| Curriculum Vitae (CV) |  | Academic transcripts of previous qualifications | | | | | | | | |  | Concept note | | | | | |  |
| Did you consult the Guide on How to Write a Concept Note which is available on the college website under Open Resources? https://www.unisa.ac.za/sites/corporate/default/Colleges/Agriculture-&-Environmental-Sciences/Open-Resources | | | | | | | | | | Yes | | | | | | No | | |
| **References: Please provide the following information from 2 references** | | | | | | | | | | | | | | | | | | |
| **Reference 1** | | | | | | **Reference 2** | | | | | | | | | | | | |
| Title |  | | | | | Title | | | |  | | | | | | | | |
| Surname |  | | | | | Surname | | | |  | | | | | | | | |
| First names |  | | | | | First names | | | |  | | | | | | | | |
| Email address |  | | | | | Email address | | | |  | | | | | | | | |
| Cell phone number |  | | | | | Cell phone number | | | |  | | | | | | | | |
| Daytime phone number |  | | | | | Daytime phone number | | | |  | | | | | | | | |
| **Source of funding for the research project** | | | | | | | | | | | | | | | | | | |
| Do you have funding for your studies? | | | | | | Yes | | | | No | | | | | | | | |
| If Yes, which of the following applies: | | | Bursary | Yes | No | | Personal funds | | | Yes | | | | | | No | | |
| **Field of interest** (chose only 1 as this should relate to your specialisation field as per your qualification) | | | | | | | | | | | | | | | | | | |
| Air Quality | | | | | |  | | | | | | | | | | | | |
| Climate change mitigation and adaptation | | | | | |  | | | | | | | | | | | | |
| Eco-agriculture | | | | | |  | | | | | | | | | | | | |
| Ecological monitoring | | | | | |  | | | | | | | | | | | | |
| Ecosystem Services | | | | | |  | | | | | | | | | | | | |
| Energy | | | | | |  | | | | | | | | | | | | |
| Environmental Chemistry | | | | | |  | | | | | | | | | | | | |
| Environmental Impact Assessment and Management | | | | | |  | | | | | | | | | | | | |
| Environmental Sociology | | | | | |  | | | | | | | | | | | | |
| Microbiology | | | | | |  | | | | | | | | | | | | |
| Pollution and Remediation | | | | | |  | | | | | | | | | | | | |
| Society-environment interactions | | | | | |  | | | | | | | | | | | | |
| Soil Science | | | | | |  | | | | | | | | | | | | |
| Tourism | | | | | |  | | | | | | | | | | | | |
| Waste Management | | | | | |  | | | | | | | | | | | | |
| Water Quality | | | | | |  | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | |
| **In which focus area are you interested in that relates to the field of interest? Choose one of the following** | | | | | | | | | | | | | | | | | | |
| 1. Behaviour of pollutants in the soil environment | | | | | | | | | |  | | | | | | | | |
| 1. Biomonitoring | | | | | | | | | |  | | | | | | | | |
| 1. Bioremediation of pollutants | | | | | | | | | |  | | | | | | | | |
| 1. Climate change and vegetation ecosystems | | | | | | | | | |  | | | | | | | | |
| 1. Climate change impacts in society | | | | | | | | | |  | | | | | | | | |
| 1. Climate smart agriculture and livelihoods | | | | | | | | | |  | | | | | | | | |
| 1. Coastal and marine tourism | | | | | | | | | |  | | | | | | | | |
| 1. Community based monitoring | | | | | | | | | |  | | | | | | | | |
| 1. Community based nature conservation management | | | | | | | | | |  | | | | | | | | |
| 1. EIA, EIA Follow-up and sustainable development | | | | | | | | | |  | | | | | | | | |
| 1. Environmental Management Systems and Auditing | | | | | | | | | |  | | | | | | | | |
| 1. Geo-parks and sustainability | | | | | | | | | |  | | | | | | | | |
| 1. Household energy and alternative fuels | | | | | | | | | |  | | | | | | | | |
| 1. Impacts of climate change on ecosystem services | | | | | | | | | |  | | | | | | | | |
| 1. Industrial risks in society and management | | | | | | | | | |  | | | | | | | | |
| 1. Low carbon transport | | | | | | | | | |  | | | | | | | | |
| 1. Low carbon/ green universities | | | | | | | | | |  | | | | | | | | |
| 1. Mining and environmental and social justice | | | | | | | | | |  | | | | | | | | |
| 1. Politics of the environment and sustainable development | | | | | | | | | |  | | | | | | | | |
| 1. Pollution and water quality impacts | | | | | | | | | |  | | | | | | | | |
| 1. Race and class in tourism development | | | | | | | | | |  | | | | | | | | |
| 1. Recycling and waste management | | | | | | | | | |  | | | | | | | | |
| 1. Remote sensing techniques in Environmental sciences | | | | | | | | | |  | | | | | | | | |
| 1. Soil pollution and remediation technologies | | | | | | | | | |  | | | | | | | | |
| 1. Soil quality monitoring and assessment | | | | | | | | | |  | | | | | | | | |
| 1. Sustainable tourism development and tourism indicators | | | | | | | | | |  | | | | | | | | |
| 1. Urban Agriculture | | | | | | | | | |  | | | | | | | | |
| 1. Urban Forestry | | | | | | | | | |  | | | | | | | | |
| 1. Water Quality Monitoring and Assessment | | | | | | | | | |  | | | | | | | | |
| 1. Water scarcity and security | | | | | | | | | |  | | | | | | | | |
| **Have you consulted the Focus Areas document for Environmental Sciences?** | | | | | | | | | | Yes | | | | | No | | | |
| Proposed title of your research project: | | | | | | | | | | | | | | | | | | |
| **Indicate who your supervisor should be (give title, initial and surname):** | | | | | | | |  | | | | | | | | | | |