

Closing date for all applications

30  
SEPTEMBER  
2012

In 2013/14 Rhodes University's Faculty of Education is offering three specialisms in their Master of Education Degree:

01

Masters in Education  
ENVIRONMENTAL EDUCATION

02

Masters in Education  
GEOGRAPHY EDUCATION

03

Masters in Education  
SCIENCE EDUCATION

All three degree programmes address issues of educational quality and relevance, within a wider vision which critically probes the role of education in contributing to just and sustainable societies. The degrees foreground theoretical and practical knowledge of Environmental, Science and Geography Education; while also addressing wider education and learning questions in society such as: education and inequality; education and access to learning; and education for sustainable futures.

All three Masters qualifications will run concurrently through an inter-disciplinary two-year curriculum that will combine **lectures and excursions on cross-cutting concerns** (such as social-ecological change, human development, educational quality, ethics, policy studies and educational theory) with **specialist tutorials and assignments** relevant to diverse educational contexts (including geography and science teachers, teachers from other subject specialisms who wish to address issues of environmental learning and sustainable development in their teaching, as well as adult educators, biodiversity conservation / water / climate change educators, community developers, social learning facilitators etc.).

NOTE: This degree requires high levels of self-motivation and commitment and it is essential to have a considerable amount of time, beyond the formally scheduled sessions, for wide reading and self-study. Assignments are work-based and will require you to engage reflexively with theory and practice in practice. It is also important to be computer literate before taking this degree, and you must have access to computer facilities at home or in your workplace to complete the degree successfully.



for further information visit  
[www.ru.ac.za/elrc](http://www.ru.ac.za/elrc) [courses]



RHODES UNIVERSITY  
*Where leaders learn*

DEPARTMENT OF EDUCATION

## MASTER IN EDUCATION DEGREES

SOCIETY • SCIENCE • SUSTAINABILITY

Environmental Education, Geography  
Education and Science Education



environmental  
LEARNING RESEARCH CENTRE

The curriculum is developed around five broad themes; with programme specific applications:

01

EDUCATIONAL CONTEXTS, POLICY AND HISTORIES  
Society, Science and Sustainability

02

EDUCATIONAL CHALLENGES  
Access, Quality, Inclusion and Relevance

03

EDUCATIONAL PROCESSES  
Learning and Learning Support, Ethical Praxis

04

EDUCATIONAL PRACTICES  
Policy, Programme and Curriculum Development,  
Assessment

05

EDUCATIONAL RESEARCH:  
Methodology, Design and Practice

All three programmes are associated with the Rhodes University Makana Regional Centre of Expertise in Education for Sustainable Development (a UNU recognised Centre of Excellence hosted by the Faculty of Education). Rhodes University's Faculty of Education is a Tier 1 Institution in the UNESCO International Teacher Education Network focussing on Education and Sustainable Development. It is also home to the Environmental Learning Research Centre ([www.ru.ac.za/elrc](http://www.ru.ac.za/elrc)), and the internationally recognised Murray & Roberts Chair of Environmental Education; and has a strong track record of community oriented, participatory Science Education research, and an emerging focus on climate change education research in the Geography Education programme ([www.ru.ac.za](http://www.ru.ac.za)).

Masters in Education

# ENVIRONMENTAL EDUCATION

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The degree is designed for practising environmental education, training and development practitioners (including but not limited to teachers, lecturers, curriculum or resource developers, journalists, writers, researchers, conservationists, development workers, social learning facilitators) wishing to further their existing knowledge of, and insights in, Environmental Education, social learning and change.

The main aim of the degree is enable course participants to develop research capabilities, and a clear conceptual framework from which to understand and evaluate the praxis of Environmental Education, Social Learning and Education for Sustainable Development, globally, regionally and in relation to a diversity of workplaces and learning contexts, from an informed and critical perspective. Core to this degree is the question of how education can be re-oriented towards creative agency, sustainable futures, capabilities development and socio-ecological justice. NOTE: The degree's emphasis is on Environmental Education and educational research which should not be confused with courses on environmental studies where the emphasis may lie more on environmental issues per se.

Main Course Co-ordinator  
PROFESSOR HEILA LOTZ-SISITKA

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Masters in Education

# GEOGRAPHY EDUCATION

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The degree is designed for practicing geography educators (including primary and secondary school teachers, curriculum advisors and geography education specialists in national and provincial Departments of Education) wishing to re-orient school geography to education for sustainable development (ESD).

The main aim of the degree is to assist students to develop research capabilities, and a clear conceptual framework from which to understand and evaluate the praxis of Geography Education, globally and nationally and in relation to their own work, from an informed and critical perspective. It seeks to provide an in-depth and critical engagement with the development of, and current issues and challenges in school geography curriculum and pedagogy. The course addresses new developments and contemporary issues in the field of Geography Education, including, for example, experiential learning, climate change education, the integration of GIS into the curriculum, assessment for learning.

Main Course Co-ordinator  
DR DI WILMOT

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Masters in Education

# SCIENCE EDUCATION

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The degree is for practicing educators who are working in the area of Science Education (including teachers, subject advisors, curriculum specialists, adult educators etc.). The course covers areas such as the philosophy of science, the nature of science, scientific literacy, indigenous ways of knowing, theories of science learning, science curriculum development, gender and science, and science and sustainability.

A core focus of the course is to develop critically reflective and reflexive practitioners who will actively contribute to, and have the capacity to act as agents of change in the transformation process of Science Education in southern Africa. Access to the degree requires a major or sub-major in Chemistry, Physics and Life Sciences in the bachelor's degree, although relevant experience in Science Education may also count towards gaining admission.

Main Course Co-ordinator  
DR KENNETH NCGOZA

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Masters in Education

# APPLICATION PROCESS

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Applications are now invited for the 2013/14 Master in Education (Environmental Ed, Geography Ed, Science Ed). Applicants may specialise in any one of the degree programmes, and applicants should indicate their preference in the formal application form.

Applicants should be in possession of either a Bachelor of Education (Honours) degree or an Honours degree in a related discipline. Exceptions may occasionally be made.

- Criteria for selection include:
- academic record
  - depth of experience in a relevant field
  - leadership and catalytic impact at local, national or international levels.

Registration options are: full-time or part-time (five one-week contact sessions per year over two years); full thesis or coursework plus half thesis. All coursework sessions (5 weeks in Year 1 and 4 weeks in Year 2) are compulsory. Coursework sessions are normally in Jan/Feb; April; June/July and September. A full thesis 100% research option is also available

**All applications MUST be on an official Rhodes University post-graduate application form** which can be downloaded from: <http://www.ru.ac.za/studentzone/FutureStudents/ApplyingtoRhodes>. **Applications MUST also be accompanied by a Curriculum Vitae and a 200 word Letter of Motivation.**

**Completed applications must be send to:**  
'The Registrar' ~ Rhodes University ~ PO Box 94  
Grahamstown ~ 6140 ~ South Africa

**Email queries, or completed email applications** can also be sent to the Registrar on [registrar@ru.ac.za](mailto:registrar@ru.ac.za).  
For enquiries phone: +27 46 603 8127.

**Further enquiries and more detailed information** on the course curriculum can be obtained from  
Sashay Armstrong on [sashay.armstrong@ru.ac.za](mailto:sashay.armstrong@ru.ac.za)

**Closing date for applications is  
30 September 2012**

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