University of Pretoria Yearbook 2021

MSc Environmental Management (Coursework) (02250407)

Department	Geography, Geoinformatics and Meteorology
Minimum duration of study	2 years
Total credits	180
NQF level	09

Programme information

The Centre for Environmental Studies is a graduate school for multidisciplinary training and research focusing on the environment. Training aims to satisfy the need for environmental professionals for implementing current environmental legislation as well as industry-driven environmental management systems.

Coordinated by the Department of Geography, Geoinformatics and Meteorology.

The purpose of this focus area is to train environmental graduates considered generalists for managing the full spectrum of human-environment-economic interactions. On completion of the training, candidates should be conversant and be able to partake in, or render advice concerning, all aspects involved in managing social, economic and environmental processes in a sustainable manner. This includes social and environmental impact assessment, policy formulation, social development and planning, eco-system structure, composition and function, ecosystem services, ecosystem health, invasive species, species and community restoration, conservation education, local communities and conservation, economic inefficiency, misallocation, market failure, policy failure, the economics of renewable and non-renewable resources, cost-benefit analysis, valuation of environmental goods and services and environmental accounting.

There are two independent foci of the master's option in Environmental Management:

- Focus area: Sustainable Development
- Focus area: Environmental Economics

The MSc degree is conferred on the grounds of a dissertation and such additional postgraduate coursework as may be prescribed.

Renewal of registration
As long as progress is satisfactory, renewal of the registration of a master's student will be accepted for the second year of the study. Registration for a third and subsequent years will only take place when the Student Administration of the Faculty receives a written motivation that is supported by the relevant head of department and Postgraduate Studies Committee.

General
Candidates are required to familiarise themselves with the General Regulations regarding the maximum period of registration and the requirements on the submission of a draft article for publication.

Admission requirements

1. Relevant BScHons degree with mathematics or statistics passed at first-year level **or** relevant four-year BSc degree with mathematics or statistics passed at first-year level
2. A weighted average of at least 65% at honours or final-year level
3. An admission examination may be required
4. A CV with contactable references may be required

Note: Additional modules may be required in order to reach the desired standard

Additional requirements

Candidates must demonstrate proficiency in the English language up to the level required by either the TOEFL test (www.ets.org/toefl) or the IELTS language proficiency test (www.ielts.org).

Other programme-specific information

Note:
For the focus on Sustainable Development, final admission is subject to the approval of the Director of the Centre for Environmental Studies.

For the focus on Environmental Economics, students without a formal background in economics will be considered. Admission is subject to the approval of the Head of the Department of Agricultural Economics, Extension and Rural Development and the Director of the Centre for Environmental Studies. Additional courses in economics or related topics may be prescribed for students, depending on their academic background.

Promotion to next study year

The progress of all master's candidates is monitored biannually by the supervisor and the postgraduate coordinator. A candidate's study may be terminated if the progress is unsatisfactory or if the candidate is unable to finish his/her studies during the prescribed period.

Subject to exceptions approved by the Dean, on recommendation of the relevant head of department, and where applicable, a student may not enter for the master's examination in the same module more than twice.

Pass with distinction

The MSc degree is conferred with distinction to candidates who obtain a final average mark of at least 75% and a mark of at least 75% for the dissertation/mini-dissertation from each of the members of the examination panel. Where a member of the examination panel awards a mark of less than 75% for the dissertation/mini-dissertation, that member of the examination panel must offer, in writing, support for his/her decision, or indicate in writing that he/she supports the examination committee's decision to confer the degree with distinction.

Curriculum: Year 1

Minimum credits: 180

Programme information:

Minimum credits: 180

Core credits: 150

Elective credits: 30

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Core modules

Environment and development 811 (ENS 811) - Credits: 15.00
Strategic environmental management 822 (ENS 822) - Credits: 15.00
Environmental paradigms 810 (ENV 810) - Credits: 15.00
Environmental law 816 (ENV 816) - Credits: 15.00
Mini-dissertation 891 (ENV 891) - Credits: 90.00

Elective modules

Environment and development 811 (ENS 811) - Credits: 15.00
Strategic environmental management 822 (ENS 822) - Credits: 15.00
Environment and land reform 823 (ENS 823) - Credits: 15.00
Social modelling and assessment 824 (ENS 824) - Credits: 15.00
International environmental management systems 822 (ENV 822) - Credits: 15.00
Trees in a multifunctional landscape 833 (ENV 833) - Credits: 15.00
Forest ecology and management 835 (FOR 835) - Credits: 15.00
Environmental valuation and policy 826 (LEK 826) - Credits: 15.00
Environmental change 881 (OMS 881) - Credits: 15.00

Curriculum: Final year

Minimum credits: 180

Core modules

Environment and development 811 (ENS 811) - Credits: 15.00
Strategic environmental management 822 (ENS 822) - Credits: 15.00
Environmental paradigms 810 (ENV 810) - Credits: 15.00
Environmental law 816 (ENV 816) - Credits: 15.00
Mini-dissertation 891 (ENV 891) - Credits: 90.00

Elective modules

Environment and development 811 (ENS 811) - Credits: 15.00
Strategic environmental management 822 (ENS 822) - Credits: 15.00
Environment and land reform 823 (ENS 823) - Credits: 15.00
Social modelling and assessment 824 (ENS 824) - Credits: 15.00
International environmental management systems 822 (ENV 822) - Credits: 15.00
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The information published here is subject to change and may be amended after the publication of this information. The General Regulations (G Regulations) apply to all faculties of the University of Pretoria. It is expected of students to familiarise themselves well with these regulations as well as with the information contained in the General Rules section. Ignorance concerning these regulations and rules will not be accepted as an excuse for any transgression.