



# University of Pretoria Yearbook 2023

## 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

### 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](http://www.ets.org/toefl)) or the IELTS language proficiency test ([www.ielts.org](http://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.

## General information

### ***University of Pretoria Programme Qualification Mix (PQM) verification project***

*The higher education sector has undergone an extensive alignment to the Higher Education Qualification Sub-Framework (HEQF) across all institutions in South Africa. In order to comply with the HEQSF, all institutions are legally required to participate in a national initiative led by regulatory bodies such as the Department of Higher Education and Training (DHET), the Council on Higher Education (CHE), and the South African Qualifications Authority (SAQA). The University of Pretoria is presently engaged in an ongoing effort to align its qualifications and programmes with the HEQSF criteria. Current and prospective students should take note that changes to UP qualification and programme names, may occur as a result of the HEQSF initiative. Students are advised to contact their faculties if they have any questions.*



---

## Curriculum: Year 1

### **Additional information:**

Minimum credits: 180

Core credits: 150

Elective credits: 30

### **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

### 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

---

### Regulations and rules

The regulations and rules for the degrees published here are subject to change and may be amended after the publication of this information.

The [General Academic Regulations \(G Regulations\)](#) and [General Student Rules](#) apply to all faculties and registered students of the University, as well as all prospective students who have accepted an offer of a place at the University of Pretoria. On registering for a programme, the student bears the responsibility of ensuring that they familiarise themselves with the General Academic Regulations applicable to their registration, as well as the relevant faculty-specific and programme-specific regulations and information as stipulated in the relevant yearbook. Ignorance concerning these regulations will not be accepted as an excuse for any transgression, or basis for an exception to any of the aforementioned regulations.

### University of Pretoria Programme Qualification Mix (PQM) verification project

The higher education sector has undergone an extensive alignment to the Higher Education Qualification Sub-Framework (HEQF) across all institutions in South Africa. In order to comply with the HEQSF, all institutions are legally required to participate in a national initiative led by regulatory bodies such as the Department of Higher Education and Training (DHET), the Council on Higher Education (CHE), and the South African Qualifications Authority (SAQA). The University of Pretoria is presently engaged in an ongoing effort to align its qualifications and programmes with the HEQSF criteria. Current and prospective students should take note that changes to UP qualification and programme names, may occur as a result of the HEQSF initiative. Students are advised to contact their faculties if they have any questions.