

# University of Pretoria Yearbook 2016

## MSc Option: Environmental Management (Coursework) (03251037)

**Duration of study** 2 years

**Total credits** 180

### Programme information

Coordinated by the Department of Zoology and Entomology.

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 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

Candidates must be in possession of a BScHons degree or a degree with equivalent degree status (SAQA NQF 8). Final admission is subject to the approval of the Director of the Centre for Environmental Studies.

## 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 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

### 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
- Research project 891 (ENV 891) - Credits: 90.00
- Environmental law 816 (ENV 816) - Credits: 15.00

### Elective modules

- Boundary layer meteorology 811 (AQM 811) - Credits: 15.00
- Atmospheric thermodynamics 813 (AQM 813) - Credits: 15.00
- Social modelling and assessment 824 (ENS 824) - Credits: 15.00
- International environmental management systems 822 (ENV 822) - Credits: 15.00
- Environmental valuation and policy 826 (LEK 826) - Credits: 15.00
- Institutional economics 882 (LEK 882) - Credits: 15.00
- Environmental change 881 (OMS 881) - Credits: 15.00



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## 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
- Research project 891 (ENV 891) - Credits: 90.00
- Environmental law 816 (ENV 816) - Credits: 15.00

### Elective modules

- Boundary layer meteorology 811 (AQM 811) - Credits: 15.00
- Atmospheric thermodynamics 813 (AQM 813) - Credits: 15.00
- Social modelling and assessment 824 (ENS 824) - Credits: 15.00
- International environmental management systems 822 (ENV 822) - Credits: 15.00
- Environmental valuation and policy 826 (LEK 826) - Credits: 15.00
- Institutional economics 882 (LEK 882) - Credits: 15.00
- Environmental change 881 (OMS 881) - 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.