

University of Pretoria Yearbook 2022

MSc (Forest Management and the Environment) (Coursework) (02250415)

Department Plant Science

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.

This programme is coordinated by the Department of Plant and Soil Science.

The purpose of this option is to equip graduates with a biological and/or agricultural background to specialise further to obtain skills in environmental management and in sustainable forest resource use and management. On completion of the training, candidates should be conversant with the multifunctional nature of the forest resource base and be equipped to render advice concerning forest resource use and management with an understanding of the environmental consequences associated with exploitative use of natural resources. This includes grounding in forest resource use and management, including yield regulations in natural and commercial forest systems, participatory approaches to natural resource management, ecosystem structure, composition and function, ecosystem services, notions of ecosystem health, control of invasive species and community restoration, understanding of local communities, forestry and rural development, participatory planning and monitoring, the forest harvesting schedules and logistics, non-timber forest products, the science of wood and forest wood products utilisation, understanding of the basic economics of natural resources and social development and planning.

Admission requirements

1. Relevant BScHons degree **or** relevant four-year bachelor's degree with subjects in agriculture, forestry or biological sciences
2. A weighted average of at least 65% at final-year level

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.

Curriculum: Year 1

Minimum credits: 180

Programme information:

Minimum credits: 180

Core credits: 135

Elective credits: 45

Core modules

[Environmental paradigms 810](#) (ENV 810) - Credits: 15.00

[Environmental law 816](#) (ENV 816) - Credits: 15.00

[Mini-dissertation 891](#) (ENV 891) - Credits: 90.00

[General introduction to forestry 831](#) (FOR 831) - Credits: 15.00

Elective modules

[Strategic environmental management 822](#) (ENS 822) - Credits: 15.00

[Environment and land reform 823](#) (ENS 823) - 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 resource use planning and management 832](#) (FOR 832) - Credits: 15.00

[Forest engineering 833](#) (FOR 833) - Credits: 15.00

[Wood science and forest products 834](#) (FOR 834) - Credits: 15.00

[Forest ecology and management 835](#) (FOR 835) - Credits: 15.00

[Silviculture 836](#) (FOR 836) - Credits: 15.00

[Forest resource economics and policy 831](#) (LEK 831) - Credits: 20.00

[Environmental change 881](#) (OMS 881) - Credits: 15.00

Curriculum: Final year

Minimum credits: 180

Core modules

[Environmental paradigms 810](#) (ENV 810) - Credits: 15.00

[Environmental law 816](#) (ENV 816) - Credits: 15.00

[Mini-dissertation 891](#) (ENV 891) - Credits: 90.00

[General introduction to forestry 831](#) (FOR 831) - Credits: 15.00

Elective modules

[Strategic environmental management 822](#) (ENS 822) - Credits: 15.00

[Environment and land reform 823](#) (ENS 823) - 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 resource use planning and management 832](#) (FOR 832) - Credits: 15.00

[Forest engineering 833](#) (FOR 833) - Credits: 15.00

[Wood science and forest products 834](#) (FOR 834) - Credits: 15.00

[Forest ecology and management 835](#) (FOR 835) - Credits: 15.00

[Silviculture 836](#) (FOR 836) - Credits: 15.00

[Forest resource economics and policy 831](#) (LEK 831) - Credits: 20.00

[Environmental change 881](#) (OMS 881) - Credits: 15.00

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.