

University of Pretoria Yearbook 2016

General introduction to forestry 831 (FOR 831)

Qualification Postgraduate

Faculty [Faculty of Natural and Agricultural Sciences](#)

Module credits 15.00

Programmes [MSc Option: Forest Management and the Environment \(Coursework\)](#)

Prerequisites No prerequisites.

Contact time 20 discussion classes per block, 1 web-based period per week

Language of tuition English

Academic organisation Plant Production and Soil Sc

Period of presentation Semester 1

Module content

What is forestry? Global forest resources. Natural forests and plantations in Southern Africa. Forestry systems (natural, multipurpose forests, plantation forestry, agroforestry). Sustainable forestry development policy and legislation. Silviculture and management of plantations. Forest certification. Effects of site and silviculture on wood quality. Forest harvesting, utilisation and forest wood products. Non-timber forest products of natural and plantation forests. Forests and woodlands management (forest planning; forest mensuration, growth and yield estimates and regulation). Environmental management of natural and plantation forests. Forestry research. Human resource management in forestry. This module will also have a field practical expedition to introduce students to the field experience.

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