



# University of Pretoria Yearbook 2022

## Forest ecology and management 835 (FOR 835)

**Qualification** Postgraduate

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

**Module credits** 15.00

**NQF Level** 09

**Programmes** [MSc \(Environment and Society\) \(Coursework\)](#)

[MSc \(Environmental Ecology\) \(Coursework\)](#)

[MSc \(Environmental Management\) \(Coursework\)](#)

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

[MSc \(Water Resource Management\) \(Coursework\)](#)

**Prerequisites** No prerequisites.

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

**Language of tuition** Module is presented in English

**Department** Department of Plant and Soil Sciences

**Period of presentation** Semester 2

### Module content

Structure and function of natural forests, species composition and diversity, disturbance processes and regimes, recovery (succession) concepts and theory, biodiversity in forest ecosystems, energy and nutrient flux in natural forest ecosystems. Resource assessment and planning. Silvicultural systems and management of natural forests (and woodlands), natural regeneration and forest rehabilitation management for sustainability of natural forest ecosystems: multiple use for timber and non-timber forest products, forest rehabilitation (invader plants, mining, degraded forests).

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