

# University of Pretoria Yearbook 2021

## 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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