

# University of Pretoria Yearbook 2016

## Forest ecology and management 835 (FOR 835)

**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 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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