

University of Pretoria Yearbook 2020

Forest ecology and management 835 (FOR 835)

Qualification Postgraduate

Faculty Faculty of Natural and Agricultural Sciences

Module credits 15.00

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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