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# University of Pretoria Yearbook 2016

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## Trees in a multifunctional landscape 833 (ENV 833)

**Qualification** Postgraduate

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

**Module credits** 15.00

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

**Prerequisites** No prerequisites.

**Contact time** 5 discussion classes per week, 1 web-based period per week

**Language of tuition** English

**Academic organisation** Plant Production and Soil Sc

**Period of presentation** Quarter 3

### Module content

Place and role of trees in multifunctional rural landscapes. Trees outside forests. Multipurpose trees. Trees and biodiversity. Trees and environmental services. Trees and sustainable development. Domesticated forests. Agroforestry (definition, classification, challenges and examples). Multiple use of forests and trees. Non-timber tree and forest products. Domestication of multipurpose trees. Forests and people. Trees and agricultural production systems (yield, interactions, synergy, competition, pests and diseases). Case-study examples from sub-Saharan Africa.

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