

# University of Pretoria Yearbook 2017

## Environmental resource assessment and management 450 (WDE 450)

**Qualification** Undergraduate

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

**Module credits** 15.00

**Programmes** [BScAgric Agricultural Economics and Agribusiness Management](#)

[BScAgric Animal and Pasture Science](#)

[BScAgric Applied Plant and Soil Sciences](#)

**Prerequisites** No prerequisites.

**Contact time** fortnightly practicals, 3 lectures per week

**Language of tuition** Separate classes for Afrikaans and English

**Academic organisation** Plant and Soil Sciences

**Period of presentation** Semester 1

### Module content

Determining the resource potential of land on the basis of botanical composition, vegetation cover, animal grazing and browsing potential, water quality, soil quality, chemical, physical and biological soil degradation, soil erosion and other important environmental processes etc. which are essential for integrated agricultural land use practices. Evaluation of grasses and other vegetation types in terms of environmental adaptation, acceptability and adaptability to a sustainable utilization system and the management requirements of an integrated and adaptive management system.

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