

# University of Pretoria Yearbook 2016

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

<b>Qualification</b>	Undergraduate
<b>Faculty</b>	<a href="#">Faculty of Natural and Agricultural Sciences</a>
<b>Module credits</b>	20.00
<b>Programmes</b>	<a href="#">BScAgric Agricultural Economics: Agribusiness Management</a> <a href="#">BScAgric Animal Science: Pasture Science</a> <a href="#">BScAgric Option: Applied Plant and Soil Sciences</a>
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	fortnightly practicals, 3 lectures per week
<b>Language of tuition</b>	Both Afr and Eng
<b>Academic organisation</b>	Plant Production and Soil Sc
<b>Period of presentation</b>	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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