



University of Pretoria Yearbook 2016

Environmental resource assessment and management 450 (WDE 450)

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