



University of Pretoria Yearbook 2016

Soil classification and surveying 350 (GKD 350)

Qualification	Undergraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module content	A taxonomic system for South Africa. USDA's Soil Taxonomy. Land suitability evaluation. Optimal resource utilization. The conservation component. Ecological aspects. Ecotype, land types. Soil maps. Practical work: Field practicals and compulsory excursion. Identification of soil horizons, forms and families. Land suitability evaluation. Elementary mapping exercise.
Module credits	14.00
Programmes	BSc Chemistry BSc Environmental and Engineering Geology BSc Environmental Sciences BSc Geography BSc Geoinformatics BSc Geology BSc Meteorology BScAgric Animal Science: Pasture Science BScAgric Option: Applied Plant and Soil Sciences
Prerequisites	GKD 250 GS
Contact time	1 practical per week, 2 lectures per week
Language of tuition	Both Afr and Eng
Academic organisation	Plant Production and Soil Sc
Period of presentation	Semester 1

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