

University of Pretoria Yearbook 2016

Environmental management 460 (GKD 460)

Qualification	Undergraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	26.00
Prerequisites	GKD 250 and GKD 350
Contact time	1 practical per week, 4 lectures per week
Language of tuition	Both Afr and Eng
Academic organisation	Plant Production and Soil Sc
Period of presentation	Semester 2

Module content

*This module may only be taken by students who were registered in 2009 or earlier.

Chemical, physical and biological soil degradation (with the emphasis on pollution): types, causes, effects and combating. Biogeochemical element cycles. Sewage sludge, Acid rain. Pesticides. Aspects of soil erosion. Integrated environmental management. Environmental impact studies as well as planning, implementation and auditing of environmental management plans. Strip and open cast mining. Catchment's studies and management of catchments, desertification, control of invasive exotics, bush encroachment and pollution of air and water. Environmental legislation. Practical work: Studies on the aspects of lectures.

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