

University of Pretoria Yearbook 2018

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 Separate classes for Afrikaans and English

Department Department of Plant and Soil Sciences

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.

The information published here is subject to change and may be amended after the publication of this information. The [General Regulations \(G Regulations\)](#) apply to all faculties of the University of Pretoria. It is expected of students to familiarise themselves well with these regulations as well as with the information contained in the [General Rules](#) section. Ignorance concerning these regulations and rules will not be accepted as an excuse for any transgression.