



University of Pretoria Yearbook 2025

Introductory soil science 250 (GKD 250)

Qualification	Undergraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	12.00
NQF Level	06
Programmes	<i>BSc (Geography) Geography and Environmental Science</i> <i>BSc Biotechnology</i> <i>BSc Chemistry</i> <i>BSc Ecology</i> <i>BSc Environmental and Engineering Geology</i> <i>BSc Geology</i> <i>BSc Meteorology</i> <i>BSc Plant Science</i> <i>BSc specialising in Chemistry 4-year programme</i> <i>BSc specialising in Ecology 4-year programme</i> <i>BSc specialising in Geology 4-year programme</i> <i>BSc specialising in Meteorology 4-year programme</i> <i>BSc Zoology</i> <i>BScAgric Agricultural Economics and Agribusiness Management</i> <i>BScAgric Animal Science</i> <i>BScAgric Applied Plant and Soil Sciences</i> <i>BScAgric Plant Pathology</i> <i>BScAgric specialising in Applied Plant and Soil Sciences 5-year programme</i> <i>BScAgric specialising in Plant Pathology 5-year programme</i>
Service modules	Faculty of Engineering, Built Environment and Information Technology
Prerequisites	CMY 117 GS
Contact time	1 practical per week, 3 lectures per week
Language of tuition	Module is presented in English
Department	Department of Plant and Soil Sciences



Period of presentation Semester 1

Module content

Soil is a finite resource and with the global challenges we are facing, it is more important than ever to understand and sustainably manage soil. Our daily lives are impacted by soil in several ways, including the food we eat, the water we drink, and the environment we live in. In this Introductory Soils module, we will look at how basic and more advanced abiotic and biotic soil properties impact us and the larger environment. We will also examine the fundamental principles behind sustainable soil use management.

General Academic Regulations and Student Rules

The [General Academic Regulations \(G Regulations\)](#) and [General Student Rules](#) apply to all faculties and registered students of the University, as well as all prospective students who have accepted an offer of a place at the University of Pretoria. On registering for a programme, the student bears the responsibility of ensuring that they familiarise themselves with the General Academic Regulations applicable to their registration, as well as the relevant faculty-specific and programme-specific regulations and information as stipulated in the relevant yearbook. Ignorance concerning these regulations will not be accepted as an excuse for any transgression, or basis for an exception to any of the aforementioned regulations. The G Regulations are updated annually and may be amended after the publication of this information.

Regulations, degree requirements and information

The faculty regulations, information on and requirements for the degrees published here are subject to change and may be amended after the publication of this information.

University of Pretoria Programme Qualification Mix (PQM) verification project

The higher education sector has undergone an extensive alignment to the Higher Education Qualification Sub-Framework (HEQSF) across all institutions in South Africa. In order to comply with the HEQSF, all institutions are legally required to participate in a national initiative led by regulatory bodies such as the Department of Higher Education and Training (DHET), the Council on Higher Education (CHE), and the South African Qualifications Authority (SAQA). The University of Pretoria is presently engaged in an ongoing effort to align its qualifications and programmes with the HEQSF criteria. Current and prospective students should take note that changes to UP qualification and programme names, may occur as a result of the HEQSF initiative. Students are advised to contact their faculties if they have any questions.