



University of Pretoria Yearbook 2025

BScHons in Engineering and Environmental Geology option Hydrogeology (02240376)

Department Geology

Minimum duration of study 1 year

Total credits 135

NQF level 08

Admission requirements

1. Bachelor of Science in Geology degree (or equivalent)
or
Bachelor of Science in Engineering and Environmental Geology degree (or equivalent)
or
Relevant bachelor's degree
2. A weighted average of at least 60% in an undergraduate geology programme
3. An average of at least 60% each and another for fundamental science at second-year and third-year level (i.e. Maths, Chemistry, Physics and Mechanics)



Curriculum: Final year

Minimum credits: 135

Core credits: 135

Core modules

Site investigation project 713 (GTX 713) - Credits: 30.00

Engineering geology of South Africa 714 (GTX 714) - Credits: 20.00

Environmental geochemistry 715 (GTX 715) - Credits: 20.00

Environmental management and risk assessment 716 (GTX 716) - Credits: 20.00

Hydrogeological modelling 718 (GTX 718) - Credits: 20.00

Fluid mechanics in geological media 725 (GTX 725) - Credits: 20.00

Applied geological field methods 728 (GTX 728) - Credits: 10.00

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.