University of Pretoria Yearbook 2019

BScHons Engineering and Environmental Geology Hydrogeology (02240376)

Minimum duration of study	1 year
Total credits	135

Programme information

Renewal of registration

i. Subject to exceptions approved by the Dean, on the recommendation of the relevant head of department, and in the case of distance education where the Dean formulates the stipulations that will apply, a student may not sit for an examination for the honours degree more than twice in the same module.
ii. A student for an honours degree must complete his or her study, in the case of full-time students, within two years and, in the case of after-hours students, within three years of first registering for the degree and, in the case of distance education students, within the period stipulated by the Dean. Under special circumstances, the Dean, on the recommendation of the relevant head of department, may give approval for a limited extension of this period.

In calculating marks, General Regulation G.12.2 applies.

Apart from the prescribed coursework, a research project is an integral part of the study.

Admission requirements

A BSc degree in Geology or Environmental and Engineering Geology with an average of 60% for all the modules in applied geology at second-year and third-year level. These modules must include soil mechanics, rock mechanics, engineering geology and hydrogeology. In the selection procedure the candidate's complete undergraduate academic record will be considered. The positions available are limited to 15 and candidates who have progressed faster through their undergraduate degree will take preference. Outside applicants and those with unusual degree structures may be admitted after perusal of their academic records and at the discretion of the head of department.

Pass with distinction

The BScHons degree is awarded with distinction to a candidate who obtains a weighted average of at least 75% in all the prescribed modules and a minimum of 65% in any one module.

Curriculum: Final year

Minimum credits: 135

Minimum credits: 135

Core credits: 117

Elective credits: 18

Core modules

Site investigation project 713 (GTX 713) - Credits: 30.00
Engineering geology of South Africa 714 (GTX 714) - Credits: 15.00
Environmental geochemistry 715 (GTX 715) - Credits: 15.00
Environmental management and risk assessment 716 (GTX 716) - Credits: 15.00
Hydrogeological modelling 718 (GTX 718) - Credits: 15.00
Contaminant transport 719 (GTX 719) - Credits: 15.00
Fluid mechanics in geological media 725 (GTX 725) - Credits: 15.00

Elective modules

Rock engineering 722 (GTX 722) - Credits: 15.00
Rock and soil improvement 726 (GTX 726) - Credits: 15.00

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.