

# University of Pretoria Yearbook 2020

## BScHons Engineering and Environmental Geology Hydrogeology (02240376)

**Minimum duration of study** 1 year

**Total credits** 135

**NQF level** 08

### Programme information

#### Renewal of registration

- Subject to exceptions approved by the Dean, on the recommendation of the relevant head of department, a student may not sit for an examination for the honours degree more than twice in the same module.
- 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. 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

- BSc (Geology) or BSc (Engineering and Environmental Geology)
- At least an average of 60% for all the modules in applied geology at second-year and third-year level
- Modules must include;
  - Soil mechanics,
  - Rock mechanics,
  - Engineering geology,
  - Hydrogeology.
- Complete preceding degree will be considered for selection.
- Only limited to 15 positions, candidates who have progressed in the minimum period will take preference.

### 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.

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## 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

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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.