University of Pretoria Yearbook 2016

BScHons Applied Science Applied Science: Geotechnics (12243019)

Duration of study	1 year
Total credits	128

Programme information

The BScHons (Applied Science) degree is conferred by the following academic departments:

- Chemical Engineering
- Civil Engineering
- Industrial and Systems Engineering
- Materials Science and Metallurgical Engineering
- Mechanical and Aeronautical Engineering
- Mining Engineering

Any specific module is offered on the condition that a minimum number of students are registered for the module, as determined by the head of department and the Dean. Students must consult the relevant head of department in order to compile a meaningful programme, as well as on the syllabi of the modules. The relevant departmental postgraduate brochures must also be consulted.

Admission requirements

An appropriate bachelor's degree, a BTech degree or equivalent qualification.

Other programme-specific information

The remainder of the credits to be chosen from the modules prescribed for the BEngHons (Geotechnical Engineering) programme, as approved by the head of department, and after completion of the appropriate modules as listed.

The modules CPB 410, CBI 410 and CSS 420 do not form part of the postgraduate block presentations. Individual arrangements have to be made with the relevant lecturer regarding attendance of lectures, study material, tests and assignments.

Curriculum: Final year

Minimum credits: 128

Core modules

Analytical soil mechanics 787 (SGS 787) - Credits: 24.00
Theoretical soil mechanics 788 (SGS 788) - Credits: 24.00
Specialised geotechnical testing 789 (SGS 789) - Credits: 24.00

Elective modules

Engineering geology 703 (IGL 703) - Credits: 16.00
Basic statistical methods 797 (SHC 797) - Credits: 24.00
Finite element applications in Civil Engineering 780 (SIR 780) - Credits: 24.00
Numerical methods for Civil Engineers 780 (SIK 780) - Credits: 24.00

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.