University of Pretoria Yearbook 2021

BScHons Applied ScienceMining (12243035)

Department	Mining Engineering
Minimum duration of study	1 year
Total credits	128
NQF level	08

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 relevant 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

1. Three-year BSc (or equivalent) degree (in Natural Sciences)with a cumulative weighted average of at least 60% for the degree **or** relevant BTech qualification excluding the National Diploma; i.e.one offered by a department of civil engineering at a university of technology in South Africawith a cumulative weighted average of at least 75% for the degree and no modules failed in the BTech degree **or** four-year engineering-based university degree not recognised by ECSA for registration as a professional engineer **or** BEng degree awarded by the University of Pretoria **or** relevant four-year bachelor's degree in engineering that the Engineering Council of South-Africa (ECSA) regards as acceptable for registration as a candidate engineer and for eventual registration as a professional engineer
2. A minimum of 5 years mining experience
3. An entrance examination may be required
4. Comprehensive intellectual CV

Curriculum: Final year

Minimum credits: 128

All modules compulsory / Alle modules verpligtend

Core modules

Basic mine ventilation engineering 701 (PKB 701) - Credits: 16.00
Underground mining methods 701 (PMY 701) - Credits: 32.00
Surface-mining 703 (PMY 703) - Credits: 16.00
Explosives engineering 701 (PRX 701) - Credits: 16.00
Research project 700 (PSS 700) - Credits: 32.00
Basic rock mechanics 703 (PSZ 703) - Credits: 16.00

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.