# University of Pretoria Yearbook 2021

# BEngHons Mining Engineering (12240072)

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

## Programme information

The curriculum is determined in consultation with the relevant heads of departments. A student is required to pass modules to the value of at least 128 credits.

The degree is awarded on the basis of examinations only.

## Admission requirements

1. BEng (Mining) 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 weighted average of at least 60%
3. At least 2 years mining work experience
4. An entrance examination may be required
5. Comprehensive intellectual CV

## Other programme-specific information

A limited number of appropriate modules from other departments are allowed, i.e. 64 credits.

## Examinations and pass requirements

i. The examination in each module for which a student is registered, takes place during the normal examination period after the conclusion of lectures (i.e. October/November or May/June).
ii. A student registered for the honours degree must complete his or her studies within two years (full-time), or within three years (part-time) after first registration for the degree: Provided that the Dean, on recommendation of the relevant head of department, may approve a stipulated limited extension of this period.
iii. A student must obtain at least 50% in an examination for each module where no semester or year mark is required. A module may only be repeated once.
iv. In modules where semester or year marks are awarded, a minimum examination mark of 40% and a final mark of 50% is required.

v. No supplementary or special examinations are granted at postgraduate level.

## Pass with distinction

A student passes with distinction if he or she obtains a weighted average of at least 75% in the first 128 credits for which he or she has registered (excluding modules which were discontinued timeously). The degree is not awarded with distinction if a student fails any one module (excluding modules which were discontinued timeously).

# Curriculum: Final year

**Minimum credits: 128**

PSS 700 compulsory module / verpligte module

## Core modules

Financial mine valuation 780 (PFZ 780) - Credits: 16.00
Airflow and fans 711 (PKB 711) - Credits: 16.00
Heat and refrigeration 712 (PKB 712) - Credits: 16.00
Advanced design: Mining 780 (PMZ 780) - Credits: 16.00
Open-pit mining 783 (POY 783) - Credits: 16.00
Advanced explosive engineering 785 (PRX 785) - Credits: 16.00
Research project 700 (PSS 700) - Credits: 32.00
Strata control: Hard-rock mining 786 (PSZ 786) - 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.