University of Pretoria Yearbook 2020

BEngHons Transportation Engineering (12240112)

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

- A BEng degree awarded by the University of Pretoria; or a four-year bachelor's degree in engineering that ECSA regards as acceptable for registration as a candidate engineer and for eventual registration as a professional engineer.
- The departmental Postgraduate Committee reserves the right to make a thorough assessment of the applicant's academic transcript and CV, and to decide if the applicant is suitable for postgraduate studies. This assessment may include an oral or written entrance examination.

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

SSC 780 compulsory module / verpligte module

Core modules

Applied statistical methods and optimisation 798 (SHC 798) - Credits: 24.00
Civil research 780 (SSC 780) - Credits: 32.00

Elective modules

Pavement design 793 (SGC 793) - Credits: 24.00
Concrete technology 794 (SGC 794) - Credits: 24.00
Road rehabilitation technology 797 (SGC 797) - Credits: 24.00
Numerical methods and finite element applications for Civil Engineers 790 (SIK 790) - Credits: 24.00
Infrastructure management 790 (SSI 790) - Credits: 24.00
Transportation studies 790 (SVC 790) - Credits: 24.00
Transportation special 791 (SVC 791) - Credits: 24.00
Traffic engineering 792 (SVC 792) - 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.