

# University of Pretoria Yearbook 2020

## BScHons Engineering and Technology Management (12241073)

**Minimum duration of study** 1 year

**Total credits** 128

**NQF level** 08

### Programme information

The BScHons (Engineering and Technology Management) degree is conferred by the following academic department: Engineering and Technology Management.

The stipulations of Faculty Regulations for honours degrees apply mutatis mutandis.

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 be consulted.

### Admission requirements

- An appropriate bachelor's degree in the natural sciences with an average of at least 65%, calculated on the grades of all the final-year modules failed and passed; or an appropriate BTech degree with a minimum average of 65%, calculated on the grades of all the modules, failed or passed.
- The average of 65% is not applicable if the applicant has already completed an honours degree, or a management development programme with a minimum average of 65%.
- A full first year of Mathematics or an equivalent is required.
- The departmental Postgraduate Committee reserves the right to make a thorough assessment of the applicant's academic transcript and to decide if the applicant may be admitted.

### 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). The degree must be completed within the prescribed study period.

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## Curriculum: Final year

**Minimum credits: 128**

### Core modules

Engineering technology economics 780 (IKN 780) - Credits: 16.00

Technology and innovation management 780 (INV 780) - Credits: 16.00

Project management 780 (IPK 780) - Credits: 16.00

Research project 780 (ISC 780) - Credits: 32.00

Systems thinking and engineering 780 (ISE 780) - Credits: 16.00

### Elective modules

Technological entrepreneurship 780 (IEE 780) - Credits: 16.00

Maintenance and asset management 780 (IMC 780) - Credits: 16.00

Operations management 781 (IVV 781) - Credits: 16.00

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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.