



---

# University of Pretoria Yearbook 2018

---

## MSc Engineering Management (Coursework) (12251077)

**Minimum duration of study** 2 years

**Total credits** 180

### Programme information

- Unless the Dean, on recommendation of the relevant head of department, decides otherwise, the master's degree is conferred on the basis of examinations of coursework and a mini-dissertation (including an examination on the mini-dissertation).
- A minimum of 180 credits is required to obtain the MSc degree. A mini-dissertation (60 credits) and coursework (120 credits) is included in the programme.
- Recognition is not granted for credits acquired during studying for the BEngHons or the BScHons.
- The curriculum is determined in consultation with the relevant head of department. Any specific module is offered on 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 for information on the syllabi of the modules. The various departmental postgraduate brochures should also be consulted.

### Admission requirements

The admission requirement for the MSc is a MSC (Hon) or equivalent qualification. A selection procedure takes place prior to admission to the Masters degree. Restrictions may be placed on the number of students admitted. Postgraduate selection takes place as stipulated in the respective departmental rules. ([click here](#))

### Examinations and pass requirements

The stipulations of the relevant Faculty regulations are applicable.

Guidelines for the preparation and examination of mini-dissertations are available from the department.

- 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 masters degree must complete his or her studies within three years 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.

## Research information

A student must by means of a mini-dissertation prove that he or she is capable of planning, instituting and executing a scientific investigation. As part of the examination a student must submit an article and present at the final year symposium. The article should be based on the research that the student has conducted for the dissertation and be approved by the supervisor. Conferment of the degree may be made subject to compliance with the stipulations of this regulation.

## Pass with distinction

A student who completes the master's degree on grounds of coursework and a mini-dissertation, passes with distinction if a weighted average mark of at least 75% is obtained in the first 180 credits obtained for the degree provided that 60 of these credits are allocated to the mini-dissertation. However, the degree is not awarded with distinction should a student fail any of these modules (excluding modules which have been timeously discontinued). The degree is also not awarded with distinction if a student obtains less than 70% for the mini-dissertation.



## Curriculum: Year 1

### Core modules

Maintenance management 801 (IIB 801) - Credits: 10.00

Literature study 801 (ILS 801) - Credits: 10.00

Research methodology 800 (INI 800) - Credits: 10.00

Project management 803 (IPK 803) - Credits: 10.00

Production and operations management 801 (IPP 801) - Credits: 10.00

Systems engineering and management 801 (ISE 801) - Credits: 10.00

Technology management 801 (ITB 801) - Credits: 10.00

People management 883 (PEM 883) - Credits: 10.00



---

## Curriculum: Final year

### Core modules

Financial management 830 (FBS 830) - Credits: 10.00

Mini-dissertation 898 (ISC 898) - Credits: 60.00

Strategic management 801 (ISM 801) - Credits: 10.00

### Elective modules

Engineering asset management 801 (IAM 801) - Credits: 10.00

Marketing management 801 (IIM 801) - Credits: 10.00

Information management 884 (ILB 884) - Credits: 10.00

Legal aspects of project management 803 (ILC 803) - Credits: 10.00

New ventures and entrepreneurship 801 (IOE 801) - Credits: 10.00

Project quality management 801 (IQM 801) - Credits: 10.00

Decision analysis and risk management 801 (IRI 801) - Credits: 10.00

---

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.