University of Pretoria Yearbook 2017

MEng Project Management (Coursework) (12250263)

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 or a dissertation (including an examination on the dissertation). A minimum of 256 credits is required for the MEng (Engineering Management), MEng (Project Management), MSc (Engineering Management) and the MSc (Project Management), including a mini-dissertation (64 credits) and coursework(192 credits). 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 MEng (Project Management) is a BEng or equivalent qualification.

Other programme-specific information

Details regarding the curricula as well as syllabi of the respective domains are available from the Department.

Examinations and pass requirements

The stipulations of the relevant Faculty regulations are applicable.

The Dean may, on recommendation of the relevant head of department, exempt a student from the examination on the dissertation.

Guidelines for the preparation and examination of mini-dissertations are available from all departments. The average mark awarded by all the examiners is the final mark, with the pass mark being at least 50%.

Research information

A student must by means of a dissertation or mini-dissertation prove that he or she is capable of

planning, instituting and executing a scientific investigation. Unless the Senate, on the recommendation of the supervisor, decides otherwise, a student, before or on submission of a dissertation, must submit proof issued by a recognised academic journal that an article was submitted, to the Head: Student Administration. The draft article should be based on the research that the student has conducted for the dissertation and be approved by the supervisor if the supervisor is not a co-author. The supervisor shall be responsible for ensuring that the paper is taken through all the processes of revision and resubmission, as may be necessary. Conferment of the degree may be made subject to compliance with the stipulations of this regulation.

Pass with distinction

i. A student who submits a dissertation passes with distinction if an average mark of at least 75% is obtained for the dissertation (and the examination on the dissertation).
ii. 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 128 credits obtained for the degree [first 256 credits in the case of the MEng (Engineering Management), MEng (Project Management), MSc (Engineering Management) or the MSc (Project Management)], provided that 64 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

Minimum credits: 80

Core modules

Project human resource management 801 (IHR 801)

Module credits	10.00
Prerequisites	No prerequisites.
Contact time	16 lectures per week, 5 discussion classes per week
Language of tuition	Module is presented in English
Academic organisation	Engineering and Technology Mgt
Period of presentation	Semester 2

Literature study 801 (ILS 801)

Module credits	10.00
Prerequisites	No prerequisites.
Contact time	20 contact hours per semester
Language of tuition	Module is presented in English
Academic organisation	Engineering and Technology Mgt
Period of presentation	Semester 2

Project financial and cost management 802 (IPF 802)

Module credits	10.00
Prerequisites	No prerequisites.
Contact time	20 contact hours per semester
Language of tuition	Module is presented in English
Academic organisation	Engineering and Technology Mgt
Period of presentation	Semester 1 or Semester 2

Project procurement management 801 (IPJ 801)

Module credits	10.00
Prerequisites	No prerequisites.
Contact time	20 contact hours per semester
Language of tuition	Module is presented in English
Academic organisation	Engineering and Technology Mgt
Period of presentation	Semester 2

Introduction to project management 801 (IPM 801)

Module credits	10.00
Prerequisites	No prerequisites.
Contact time	20 contact hours per semester
Language of tuition	Module is presented in English
Academic organisation	Engineering and Technology Mgt
Period of presentation	Semester 1

Project risk management 801 (IRM 801)

Module credits	10.00
Prerequisites	No prerequisites.
Contact time	20 contact hours per semester
Language of tuition	Module is presented in English
Academic organisation	Engineering and Technology Mgt
Period of presentation	Semester 1 or Semester 2

Project systems engineering 802 (ISE 802)

Module credits	10.00
Prerequisites	No prerequisites.
Contact time	20 contact hours per semester
Language of tuition	Module is presented in English
Academic organisation	Engineering and Technology Mgt
Period of presentation	Semester 1

Research methodology 800 (INI 800)

Module credits	10.00
Prerequisites	No prerequisites.
Contact time	20 contact hours per semester
Language of tuition	Module is presented in English
Academic organisation	Engineering and Technology Mgt
Period of presentation	Semester 1 or Semester 2

Curriculum: Final year

Minimum credits: 100

Core modules

Mini-dissertation 898 (IGB 898)

Module credits	60.00
Prerequisites	No prerequisites.
Language of tuition	Module is presented in English
Academic organisation	Engineering and Technology Mgt
Period of presentation	Year

Project management practice 801 (IMP 801)

Module credits	10.00
Prerequisites	No prerequisites.
Contact time	20 contact hours per semester
Language of tuition	Module is presented in English
Academic organisation	Engineering and Technology Mgt
Period of presentation	Semester 1 or Semester 2

Strategic project management 804 (ISM 804)

Module credits	10.00
Prerequisites	No prerequisites.
Contact time	20 contact hours per semester
Language of tuition	Module is presented in English
Academic organisation	Engineering and Technology Mgt
Period of presentation	Semester 1 or Semester 2

Elective modules

Engineering asset management 801 (IAM 801)

Module credits	10.00
Prerequisites	No prerequisites.
Contact time	20 contact hours per semester
Language of tuition	Module is presented in English
Academic organisation	Engineering and Technology Mgt
Period of presentation	Semester 1

Reliability engineering 801 (IBI 801)

Module credits	10.00
Prerequisites	No prerequisites.
Contact time	20 contact hours per semester
Language of tuition	Module is presented in English
Academic organisation	Engineering and Technology Mgt
Period of presentation	Semester 2

Marketing management 801 (IIM 801)

Module credits	10.00
Prerequisites	No prerequisites.
Contact time	12 discussion classes
Language of tuition	Module is presented in English
Academic organisation	Engineering and Technology Mgt
Period of presentation	Semester 1

Engineering logistics 801 (IIX 801)

Module credits	10.00
Prerequisites	No prerequisites.
Contact time	20 contact hours per semester
Language of tuition	Module is presented in English
Academic organisation	Engineering and Technology Mgt
Period of presentation	Semester 2

Information management 884 (ILB 884)

Module credits	10.00
Prerequisites	No prerequisites.
Contact time	22 other contact sessions per week, 2 web-based periods per week, 14 lectures per week, 6 discussion classes per week
Language of tuition	Module is presented in English
Academic organisation	Informatics
Period of presentation	Semester 1

Legal aspects of project management 803 (ILC 803)

Module credits	10.00
Prerequisites	No prerequisites.

Contact time	20 contact hours per semester
Language of tuition	Module is presented in English
Academic organisation	Engineering and Technology Mgt
Period of presentation	Semester 2

New ventures and entrepreneurship 801 (IOE 801)

Module credits	10.00
Prerequisites	No prerequisites.
Contact time	20 contact hours per semester
Language of tuition	Module is presented in English
Academic organisation	Engineering and Technology Mgt
Period of presentation	Semester 1 or Semester 2

Project quality management 801 (IQM 801)

Module credits	10.00
Prerequisites	No prerequisites.
Contact time	20 contact hours per semester
Language of tuition	Module is presented in English
Academic organisation	Engineering and Technology Mgt
Period of presentation	Semester 1 or Semester 2

Construction management 803 (KBS 803)

Module credits	10.00
Prerequisites	No prerequisites.
Contact time	10 lectures per week
Language of tuition	Module is presented in English
Academic organisation	Construction Economics
Period of presentation	Semester 1

Construction management 804 (KBS 804)

Module credits	10.00
Prerequisites	No prerequisites.
Contact time	20 contact hours per semester
Language of tuition	Module is presented in English
Academic organisation	Construction Economics
Period of presentation	Semester 1

Construction management 805 (KBS 805)

Module credits	10.00
Prerequisites	No prerequisites.
Contact time	20 contact hours per semester
Language of tuition	Module is presented in English
Academic organisation	Construction Economics
Period of presentation	Semester 2

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.