

FACULTY OF ENGINEERING

DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT

ENGINEERING MANAGEMENT FOR PROCESS EXCELLENCE

Master of Science in Engineering Management for Process Excellence
Postgraduate Diploma in Engineering Management for Process Excellence
Postgraduate Certificate in Engineering Management for Process Excellence

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programmes is available by full-time or part-time study.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. Postgraduate Certificate no fewer than 60 credits from the list of taught modules;
 - ii. Postgraduate Diploma no fewer than 120 credits from the list of taught modules;
 - iii. degree of MSc no fewer than 180 credits, including the Postgraduate Individual Project DM932.

Compulsory Modules (Full-time Students)

Module Code	Module Title	Level	Credits
DM926	Supply Chain Operations	5	10
DM928	Enterprise Resource Planning	5	10
DM941	Fundamentals of Lean Six Sigma	5	10
DM955	Total Quality Management	5	10
DM957	Management of Technology and Innovation	5	10
EF931	Project Management	5	10
September-intake students will undertake:			
DM931	Postgraduate Group Project	5	40
January-intake students will undertake:			
DM817	Postgraduate Group Project	5	40

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
DM932	Postgraduate Individual Project	5	60

Compulsory Modules (Part-time Students)

Module Code	Module Title	Level	Credits
DM926	Supply Chain Operations	5	10
DM928	Enterprise Resource Planning	5	10
DM941	Fundamentals of Lean Six Sigma	5	10
DM955	Total Quality Management	5	10
OR			
DM809	Management of Total Quality and Continuous Improvement (online)	5	10
DM957	Management of Technology and Innovation	5	10
OR			
DM819	Management of Technology and Innovation (online)	5	10
EF931	Project Management	5	10
OR			
DM811	Project Management (online)	5	10
DM931	Postgraduate Group Project	5	40

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
DM932	Postgraduate Individual Project	5	60

Optional Modules (Full-time and Part-time Students)

No fewer than 20 credits chosen from:

Module Code	Module Title	Level	Credits
DM956	Digital Manufacturing and Smart Products	5	10
DM918	People, Organisation and Technology	5	10
OR			

DM810	People, Organisation and Leadership (online)	5	10
DM927	Strategic Supply Chain Management	5	10
DM945	Systems Thinking and Modelling	5	10
OR			
DM808	Introduction to Systems Thinking, Modelling and Optimisation (online)	5	10
DM994	Systems Engineering Concepts	5	10
MS849	Quantitative Analysis for Consulting	5	10
MS929	Performance Measurement and Management	5	10
MS841	Business Analytics: AI and Optimisation	5	10

Exceptionally, such other Level 5 modules totalling no more than 20 credits as approved by the Programme Leader.

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Full-time students: permitted to select up to 20 credits of online-delivery modules (applicable to Optional modules ONLY, Compulsory modules must be undertaken on campus.)

Part-time students: permitted to select up to 30 credits of online-delivery modules (applicable to Compulsory and/or Optional modules.)

Students for the Postgraduate Diploma only, will have the additional optional module:

Module Code	Module Title	Level	Credits
DM815	PGDip Individual Project	5	20

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations, coursework, and the Postgraduate Individual Project where undertaken.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Engineering Management for Process Excellence a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Postgraduate Individual Project DM932.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Engineering Management for Process Excellence a candidate must have accumulated no fewer than 120 credits from the programme curriculum.

9. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Engineering Management for Process Excellence a candidate must have accumulated no fewer than 60 credits from the programme curriculum.