

# FACULTY OF ENGINEERING

## DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT

### LEAN SIX SIGMA FOR PROCESS EXCELLENCE

Master of Science in Lean Six Sigma for Process Excellence  
Postgraduate Diploma in Lean Six Sigma for Process Excellence  
Postgraduate Certificate in Lean Six Sigma 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](#).

#### **Mode of Study**

2. The programmes are available by full-time or part-time study.

#### **Curriculum**

3. All students shall undertake an approved curriculum as follows:
  - i. for the Postgraduate Certificate no fewer than 60 credits
  - ii. for the Postgraduate Diploma no fewer than 120 credits
  - iii. for the degree of MSc no fewer than 180 credits including an Individual Project

#### **Compulsory Modules**

Module Code	Module Title	Level	Credits
DM918	People, Organisation and Technology	5	10
DM931	Postgraduate Group Project	5	40
DM935	Management of Total Quality and Continuous Improvement	5	10
DM941	Fundamentals of Lean Six Sigma	5	10
DM945	Systems Thinking and Modelling	5	10
MS922	Quantitative Business Analysis	5	10

#### **Optional Modules**

No fewer than 20 credits chosen from:

Module Code	Module Title	Level	Credits
DM926	Supply Chain Operations	5	10
MS957	Service Operations Management	5	10

MS969	Advanced Project Management	5	10
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Exceptionally, such other modules totalling no more than 20 credits as approved by the Programme Director.

#### Students for the degree of MSc only

Module Code	Module Title	Level	Credits
DM932	Individual Project	5	60

#### 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 Individual Project where undertaken.

#### Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Lean Six Sigma 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 Individual Project DM932.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Lean Six Sigma for Process Excellence a candidate must have accumulated no fewer than 120 credits from the programme curriculum.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Lean Six Sigma for Process Excellence a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.