

FACULTY OF ENGINEERING

DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT

PRODUCT DESIGN

Master of Science in Product Design

Postgraduate Diploma in Product Design

Postgraduate Certificate in Product Design

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

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), successful applicants shall possess:
 - i. a first or second class Honours degree in a Design, Product Development, Science, Technology or Engineering subject; or
 - ii. a qualification deemed by the Programme Leader acting on behalf of the Senate to be equivalent to i. above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

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

Mode of Study

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

Curriculum

5. 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.

Compulsory Modules (Full-time Students)

Module Code	Module Title	Level	Credits
DM503	Global Design	5	10
DM923	Product Modelling and Visualisation	5	10
DM931	Industry Group Project	5	40
DMXXX	Management of Technology and Innovation	5	10
DM943	Sustainable Product Design and Manufacturing	5	10
DM983	Design Form and Aesthetics	5	10

DM984	Human Centred Design	5	10
EF950	Design Methods and Management	5	10
Students for the degree of MSc only:			
DM932	Postgraduate Individual Project	5	60

Compulsory Modules (Part-time Students)

Module Code	Module Title	Level	Credits
DM503	Global Design	5	10
DM923	Product Modelling and Visualisation	5	10
DM931	Industry Group Project	5	40
DMXXX	Management of Technology and Innovation	5	10
DMXXX	Management of Technology and Innovation (online)	5	10
DM943	Sustainable Product Design and Manufacturing	5	10
DM983	Design Form and Aesthetics	5	10
DM984	Human Centred Design	5	10
EFXXX	Design Methods and Management	5	10
Students for the degree of MSc only:			
DM932	Postgraduate Individual Project	5	60

Optional Modules

10 Optional Credits from:

Module Code	Module Title	Level	Credits
DMXXX	Digital Manufacturing and Smart Products	5	10
DM933	Engineering Risk Management	5	10
OR			
DM805	Engineering Risk Management (online)	5	10
DM945	Systems Thinking and Modelling	5	10
OR			

DM808	Introduction to Systems Thinking, Modelling and Optimisation (online)	5	10
DM948	Advanced Material and Production Technology	5	10
DM954	Intelligent Sensing and Reasoning through Machine Learning	5	10
DM985	Remanufacturing	5	10
DM986	Mechatronic Systems Design Techniques	5	10
DM994	Systems Engineering Concepts	5	10
EF931	Project Management	5	10
OR			
DM811	Project Management (online)	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.)

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 Product Design, a candidate must have performed to the satisfaction of the Board of Examiners and must normally 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 Product Design, a candidate must normally have accumulated no fewer than 120 credits from the taught modules of the programme curriculum.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Product Design, a candidate must normally have accumulated no fewer than 60 credits from the taught modules of the programme curriculum.