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. for the Postgraduate Certificate no fewer than 60 credits from the list of taught modules
    ii. for the Postgraduate Diploma no fewer than 120 credits from the list of taught modules
    iii. for the degree of MSc no fewer than 180 credits

Compulsory Modules

Module Code	Module Title	Level	Credits
DM503	Global Design	5	10
DM923	Product Modelling and Visualisation	5	10
DM931	Industry Group Project	5	40
DM934	Design Methods	5	10

DM981	Management of Innovation	5	10
DM983	Design Form and Aesthetics	5	10
DM984	Human Centred Design	5	10
EF927	Design 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
AB975	Sustainability	5	10
DM918	People, Organisation and Technology	5	10
OR			
DM810	People, Organisation and Leadership (online)	5	10
DM920	Strategic Technology Management	5	10
OR			
DM814	Technology and Innovation Management (online)	5	10
DM926	Supply Chain Operations	5	10
DM927	Strategic Supply Management	5	10
DM933	Engineering Risk Management	5	10
OR			
DM805	Engineering Risk Management (online)	5	10
DM941	Fundamentals of Lean Six Sigma	5	10
DM943	Sustainability Product Design	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
DM955	Total Quality Management	5	10
OR			
DM809	Management of Total Quality and Continuous Improvement (online)	5	10
DM985	Remanufacturing	5	10
DM986	Mechatronic Systems Design Techniques	5	10

Examination, Progress and Final Assessment

6. See General Academic Regulations - Postgraduate Taught Degree Programme Level.

7. The final award will be based on performance in the examinations, coursework and the Postgraduate Individual Project where undertaken.

Award

8. **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.

9. **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 programme curriculum.

10. **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.