FACULTY OF ENGINEERING

DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT

GLOBAL DESIGN INNOVATION

Master of Science in Global Design Innovation

These regulations are to be read in conjunction with General Academic Regulations - Postgraduate Taught Degree Programme Level.

1. The programme is offered jointly between the University of Strathclyde, and Singapore University of technology and the awards are made in the name of two universities. Students shall be subject to the programme regulations that have been adopted by both Universities and to any other General Regulations, etc. of the University at which they are studying.

2. The University of Strathclyde will be the administering University and will chair a Joint Course Management Committee made up of the programme directors from both partner institutions. The administering University will be responsible for administering the application process, collecting and distributing fees to partners and heading the Board of Examiners.

Admission
3. Candidates shall normally possess:

    i.   a bachelor's degree or the normal equivalent, at the equivalent of upper 2nd class level, in an Engineering, Science or Technology subject; and
    ii. be required to demonstrate an appropriate level of competence in the English language.

Duration of Study
4. See General Academic Regulations - Postgraduate Taught Degree Programme Level.

Place of Study
5. The programme will be taught at University of Strathclyde in the first year by staff of the Faculty of Engineering. The programme will be taught at Singapore University of Technology in the second year by staff of Engineering Product Development Pillar.

Nature of Study
6. The programme is available by full-time study only.

Curriculum
7. **First Year** - All students shall spend the first year at Strathclyde and undertake modules amounting to no fewer than 120 credits as follows:

<u>Compulsory Modules</u>

Module Code	Module Title	Level	Credits
DM931	Postgraduate Group Project	5	40
DM503	Global Design	5	10

Module Code	Module Title	Level	Credits
DM920	Strategic Technology Management	5	10
DM918	People, Organisation and Technology	5	10
DM981	Management of Innovation	5	10
EF927	Design Management	5	10

Optional Modules

No fewer than 30 credits chosen from the sections below.

20 credits must be selected from the following:

Module Code	Module Title	Level	Credits
DM923	Product Modelling & Visualisation	5	10
DM934	Design Methods	5	10
DM943	Sustainable Product Design and Manufacturing	5	10
DM984	Human Centred Design	5	10

10 credits must selected be from the following:

Module Code	Module Title	Level	Credits
DM927	Strategic Supply Chain Management	5	10
DM928	Enterprise Resource Planning	5	10
DM933	Engineering Risk Management	5	10
DM944	Product Costing and Financial Management	5	10
DM945	Systems Thinking and Modelling	5	10

Such other modules as may be approved by the Programme Leader.

8. **Second Year** - Students shall spend their second year at Singapore University of Technology and Design and undertake modules amounting to no fewer than 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
EX9XX	MSc Project	5	60

EX9XX	Design Science	5	20
EX9XX	Individual Industry Project	5	20
EX9XX	Research Methods	5	20

Examination, Progress and Final Assessment

9. Candidates are required to pass written examinations and to perform to the satisfaction of the Board of Examiners in the coursework and in the Project for the degree award of MSc.

10. In order to progress to the second year of the programme, a student must normally have accumulated at least 120 credits from the agreed curriculum.

11. Candidates who fail to satisfy the Board of Examiners in any taught module shall, at the discretion of the Board of Examiners, be permitted one further attempt to pass the relevant module(s) at the earliest opportunity and no longer than two years after the initial attempt.

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

Award

13. **Degree of MSc**: In order to qualify for the award of the joint degree of MSc in Global Design Innovation, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 240 credits of which 60 must have been awarded in respect of the Individual Project (thesis).

Transfer

14. A candidate who fails to meet the requirements for the degree of MSc in Global Design Innovation may be transferred to the Postgraduate Diploma or Postgraduate Certificate in Global Design Innovation, to be awarded by the University of Strathclyde only.