

Programme Regulations 2009/10

Stage 0 (Foundation Year) for all Degrees of Bachelor of Engineering with Honours and Master of Engineering with Honours

UCAS Code: H101; H816; H201; H604; H304; J615, H103; H814; H291; H606; H305; J616

Notes

- (i) *These programme regulations should be read in conjunction with the University's Undergraduate Progress Regulations and Examination Conventions.*
- (ii) *All optional modules are offered subject to the constraints of the timetable and to any restrictions on the number of students who may be taught on a particular module. Not all modules may be offered in all years and they are listed subject to availability.*
- (iii) *A compulsory module is a module which a student is required to study.*
- (iv) *A core module is a module which a student must pass, and in which a fail mark may neither be carried nor compensated; such modules are designated by the board of studies as essential for progression to a further stage of the programme or for study in a further module.*
- (v) *All Bachelor of Science in Engineering with Honours and Master of Engineering with Honours shall have a Stage 0 which candidates may be required to follow, as determined by the prerequisites for the relevant Stage 1 modules and subject to the approval of the relevant Degree Programme Director.*
- (vi) *Candidates who have successfully completed Stage 0 will normally be allowed to transfer to Stage 1 of any Bachelor of Science in Engineering with Honours or Master of Engineering with Honours degree programme if they wish. Candidates may be able to transfer to stage 1 of other degrees by agreement with the appropriate Degree Programme Director.*
- (vii) *Candidates will not normally be allowed to carry failed module credits forward from stage 0, except by agreement with the Foundation Year Director and with the appropriate Degree Programme Director.*

1. Stage 0

- (a) Unless otherwise stated modules are not core.
- (b) All candidates shall take the following compulsory modules:

| <i>Code</i> | <i>Descriptive title</i> | <i>Total Credits</i> | <i>Credits Sem 1</i> | <i>Credits Sem 2</i> | <i>Level</i> | <i>Type</i> |
|-------------|---|----------------------|----------------------|----------------------|--------------|-------------|
| SFY0003 | Foundation Mathematics 1 | 10 | 10 | | 3 | Core |
| SFY0004 | Foundation Mathematics 2 | 10 | | 10 | 3 | Core |
| SFY0009 | Foundation Year Project | 10 | 10 | | 3 | |
| SFY0010 | Mechanical Science | 20 | 20 | | 4 | |
| SFY0011 | Applied Mechanics 0 | 10 | | 10 | 3 | |
| SFY0012 | Electrical and Electronic Engineering 0 | 10 | | 10 | 3 | |
| SFY0013 | Materials Science 0 | 10 | | 10 | 3 | |

(c) Candidates without 'A' level Chemistry (or equivalent) shall take the following module:

| <i>Code</i> | <i>Descriptive title</i> | <i>Total Credits</i> | <i>Credits Sem 1</i> | <i>Credits Sem 2</i> | <i>Level</i> | <i>Type</i> |
|-------------|--------------------------|----------------------|----------------------|----------------------|--------------|-------------|
| SFY0005 | Foundation of Chemistry | 10 | 10 | | 3 | |

(d) All candidates shall take credits from the following optional modules to bring the total number of credits up to 120, in consultation with the Foundation Year Director:

| <i>Code</i> | <i>Descriptive title</i> | <i>Total Credits</i> | <i>Credits Sem 1</i> | <i>Credits Sem 2</i> | <i>Level</i> | <i>Type</i> |
|-------------|--------------------------------|----------------------|----------------------|----------------------|--------------|-------------|
| CSC6001 | Computer Applications - Part 1 | 10 | 10 | | 4 | |
| CSC6002 | Computer Applications - Part 2 | 10 | | 10 | 4 | |
| SFY0001 | Basic Mathematics | 10 | 10 | | 3 | |
| SFY0002 | Basic Statistics | 10 | | 10 | 3 | |
| SFY0006** | Applications of Chemistry | 10 | | 10 | 3 | |
| SFY0008 | IT and Communications | 10 | 5 | 5 | 3 | |

**Those students intending to progress to degrees in Chemical Engineering must undertake SFY0006 Applications of Chemistry as part of their optional modules.

(e) With the approval of the Foundation Year Programme Director alternative optional modules to those listed above may be selected.

2. Assessment methods

Details of the assessment pattern for each module are explained in the module outline.