

Programme Regulations: 2024/25

Programme Title:

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

UCAS Code: H101

Notes

- (i) *These programme regulations should be read in conjunction with the University's Taught Programme Regulations.*
- (ii) *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 professional body accreditation of the degree programme.*
- (iii) *Unless otherwise stated under 'Type', modules are not core.*
- (iv) *A compulsory module is a module which a student is required to study.*
- (v) *Candidates who have successfully completed Stage 0 will normally be allowed to progress to Stage 1 of any Bachelor of Engineering with Honours degree programme if they wish.*
- (vi) *All modules are delivered in linear mode unless stated otherwise as Block, eLearning or distance learning.*

1. Stage 0

- (a) 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>
SFY0021	Group Project	10		10	3	
SFY0023	Core Mathematics A	30	30		3	Core
SFY0025	Introduction to Computing	10	10		3	
SFY0024	Core Mathematics B	30		30	3	Core
SFY0028	Concepts in Thermal and Quantum Physics	10	10		3	

- (b) All candidates shall follow one the specialisms outlined in sections (i)-(iii).

(i) **Electrical Engineering and Mechanical Engineering**

All candidates following the Electrical Engineering specialism 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>
SFY0013	Materials Science 0	10		10	3	
SFY0020	Electricity and Magnetism	10		10	3	
SFY0022	Mechanics	10	10		3	

(ii) **Chemical Engineering**

All candidates following the Chemical Engineering specialism 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>
SFY0002	Statistics	10		10	3	
SFY0006	Applications of Chemistry	10		10	3	
SFY0013	Materials Science 0	10		10	3	

(iii) Civil Engineering and Marine Engineering

All candidates following the Civil Engineering specialism 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>
SFY0002	Statistics	10		10	3	
SFY0013	Materials Science 0	10		10	3	
SFY0022	Mechanics	10	10		3	

2. Assessment methods

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