

Programme Regulations: 2024/25

Programme Titles:

Degree of Bachelor Engineering with Honours in Civil Engineering - UCAS Code: H200

Degree of Bachelor Engineering with Honours in Civil Engineering with Year in Industry - UCAS Code: H205

Degree of Bachelor Engineering with Honours in Civil & Structural Engineering - UCAS Code: H210

Degree of Bachelor Engineering with Honours in Civil & Structural Engineering with Year in Industry - UCAS Code: H206

Exit Award Titles:

Degree of Bachelor Engineering with Honours in Civil Engineering Science – Code 1657U*

Degree of Bachelor Engineering with Honours in Civil Engineering Science with Year in Industry – Code 1814U

Notes

- (i) *These programme regulations should be read in conjunction with the University's Taught Programme Regulations.*
- (ii) *Unless otherwise stated under 'Type', modules are not core.*
- (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 modules are delivered in Linear mode unless stated otherwise as Block, e-learning or distance learning.*
- (vi) *Candidates with a Stage 2 average mark of at least 55% may transfer to the equivalent MEng programme.*
- (vii) *Programme transfers for Tier 4 students may be restricted by current Tier 4 rules. Please refer to the Visa Team for advice.*
- (viii) **Programme coded 1657U and 1814U are non-accredited Honours degree title and is awarded where a candidate only meets the requirements of the University's Taught Programme Regulations and Examination Conventions.*

1. Stage 1

All candidates shall take the following compulsory modules:

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Level	Type
ENG1001	Engineering Mathematics 1	20	10	10	4	Core
ENG1003	Electric and Magnetic Systems	15	10	5	4	
ENG1004	Electronics and Sensors	10		10	4	
ENG1005	Thermofluids Mechanics	15	5	10	4	
ENG1006	Properties and Behaviour of Engineering Materials	15	15		4	
ENG1007	Mechanics I	15	5	10	4	
ENG1008	Introduction to Programming Languages (C, Matlab and Python)	15	7	8	4	
ENG1009	Sustainable Design, Creativity, and Professionalism	15	7	8	4	

Year in Industry Only: In order to progress the intercalating year candidates are required to obtain an overall pass of at least 50% at the end of Stage 1.

2. Stage 2

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>
CEG2002	Statistics and Numerical Methods for Civil Engineers	10		10	5	
CEG2004	Design of Sustainable Engineering Systems 2	20	10	10	5	Core
CEG2005	Construction Management	10	10		5	Core
CEG2101	Water Treatment Engineering for the 21st Century	10		10	5	
CEG2102	Environmental Systems and Quantification	10	10		5	
CEG2201	Geotechnics	10	10		5	Core
CEG2302	Design of Building Elements	10	10		5	Core
CEG2401	Land Traffic and Highways	10	10		5	
CEG2502	Hydraulics	10		10	5	
CEG2711	Engineering Surveying Fieldcourse	10		10	5	
ENG2033	Engineering Mechanics: Statics	10	10		5	Core

Year in Industry Only: Students who are required to resit their stage 2 assessment must delay the start of their placement until they have done so. Students who fail stage 2 may not complete a placement year.

3. Year 3 (Intercalating) – Careers Placement Year

Upon successful completion of Stage 2 (with an overall pass threshold of 50% at the end of Stage 1) and before entering Stage 3, candidates shall spend the equivalent of one academic year in an approved placement. If a candidate is not successful in securing an approved placement, or fails the assessment of the placement year, then the candidate will be required to transfer to Stage 3 of the equivalent programme without Year in Industry.

All candidates shall take the following compulsory 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>
NCL3000	Career Service Placement Year Module	120	60	60	6	

4. Stage 3

(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>
CEG3001	Design of Sustainable Engineering Systems 3	20	20		6	
CEG2005	Construction Management	10	10		5	Core
CEG3003	Engineering Ethics and Sustainability	10		10	6	
CEG3005	The Data-Centric Urban Environment	10		10	6	

CEG3099	Individual Project	20		20	6	
CEG3203	Foundation Design	10	10		6	
CEG3301	Design of Building Systems	10	10		6	
CEG3708	Spatial Data Engineering and BIM	10	10		6	

(b) All candidates for Bachelor Engineering with Honours shall follow one of the streams (i) to (ii) below, for which they are registered.

(i) Civil Engineering (H200/H205).

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>
CEG3401	Design of Transport Infrastructure	10		10	6	
CEG3503	Hydrosystems Engineering	10	10		6	

(ii) Civil and Structural Engineering (H210/H206).

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>
ARC3020	Introduction to Architecture	10		10	6	
CEG3302	Structural Mechanics	10	10		6	

5. Assessment methods

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

6. Compensation and Condonement

For students entering the programme in 2021/22 onwards, the Engineering Council's policy on compensation and condonement will apply to marks awarded for modules at all stages, to satisfy accreditation requirements. To be awarded an accredited honours degree, only a maximum of 30 credits can be compensated over the duration of the degree programme, where the final mark is up to 5 percentage points below the pass mark. Core modules cannot be compensated. Individual projects and group projects worth more than 20 credits cannot be compensated.

There is no condonement of modules delivering Accreditation of Higher Education Programmes (AHEP) learning outcomes.

Any student not satisfying the accreditation requirements, but satisfying the University's Degree and Assessment regulations, will have the opportunity to be awarded a non-accredited honours degree with its classification based on the overall final stage averages beyond stage one.

7. Degree classification

Candidates will be assessed for degree classification on the basis of all the modules taken at Stages 2 and 3 with the weighting of the stages being 1:2 for Stage 2 and Stage 3 respectively.