

Programme Regulations: 2022/23

Programme Titles:

Degree of Bachelor of Science with Honours in Earth Science - UCAS Code: F641

**Degree of Bachelor of Science with Honours in Earth Science with Year in Industry – UCAS Code: F646
(suspended for 2022/23 entry)**

Degree of Bachelor of Science with Honours in Earth Science with Year in Industry – Code: 1641U

Notes

- (i) *These programme regulations should be read in conjunction with the University's Taught Programme Regulations.*
- (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) *If a candidate meets the requirements for the four year MEarthSci in Earth Science degree (F640) they may transfer to that programme at any time before the start of Stage 3.*
- (v) *Programme transfers for Tier 4 students may be restricted by current Tier 4 rules. Please refer to the Visa Team for advice.*
- (vi) *All modules are delivered in Linear mode unless stated otherwise as Block, eLearning or distance learning.*

See also:

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

1. Stage 0

Candidates who do not meet the requirements for entry into Stage 1 may with the approval of the Degree Programme Director commence this degree programme at Stage 0 and shall proceed under the regulations relating to Stage 0.

2. Stage 1

- (a) All candidates shall take the following compulsory modules:

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Level	Mode
ACE1008	Environment and Land Resources	10	10		4	
ACE1040	Academic and Professional Skills	20	10	10	4	
CEG1601	Earth System Science	10	10		4	
CEG1602	The Geosphere	20	10	10	4	
CEG1604	Geology and GIS Field Course	10		10	4	Block
CEG1606	Interpreting Geological Maps	10		10	4	
CEG1702	Geographic Information Systems	10	10		4	
CEG1706	Principles of Remote Sensing	10	10		4	

(b) All candidates shall select optional modules to the value of 20 credits from the following list:

ACE1010	Environment and Land Use Field Course	10		10	4	
ACE1057	Natural Science Research Impact	10		10	4	
CEG1712	Fundamentals of Surveying 1	10	10		4	
MST1203	The Marine Environment	20		20	4	

F646 Year in Industry Only: In order to progress to the intercalating year candidates are required to obtain an overall pass of at least 50% at the end of Stage 1.

3. Stage 2

(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>Mode</i>
ACE2069	Dissertation and Research Preparation	10		10	5	
ACE2077	Sustainable Solutions	10	10		5	
CEG2602	Minerals and their Instabilities	10	10		5	
CEG2603	Basin Analysis and Stratigraphy	10	10		5	
CEG2604	Global Element Cycling	10		10	5	
CEG2606	Geological Resources	10	10		5	
CEG2607	Geomicrobiology	10		10	5	
CEG2608	Basin Analysis fieldtrip on web, Geological Field Mapping	20		20	5	Block
CEG2609	Research Methods in Environmental Pollution	20	20		5	

(b) All candidates shall select optional modules to the value of 10 credits from the following list:

<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>Mode</i>
BIO2018	Pollution of Air, Water and Soil	10	10		5	
CEG2704	Geographic Information Systems: Theory and Application	10		10	5	
CEG2709*	Applied Remote Sensing and Image Processing	10		10	5	

* This module will run in 2022/23 and in alternate years thereafter, e.g 2024/25, 2026/27 etc

4. Intercalating Year – F646 only

(a) Upon successful completion of Stage 2 (with an overall pass of at least 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 F641.

(b) 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>
NCL3000	Career Service Placement Year Module	120	60	60	6

5. 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>Mode</i>
CEG3606	Biogeochemistry	20		20	6	
CEG3607	Subsurface Investigations	10		10	6	
CEG3699	Earth and Environmental Science Dissertation	30	10	20	6	

(b) All candidates shall take one of the following 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>Mode</i>
CEG3608	Geological Mapping Fieldtrip	20	20		6	Block
CEG3701	GIS Field Course	20	20		6	

(c) All candidates shall take 40 credits of optional modules normally selected from the following list:

<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>Mode</i>
ACE2074	Ecosystem Ecology	10	10		5	
ACE3080	Environmental Impact Assessment	20	10	10	6	
ACE3210	Your Future – Occupational Awareness	10		10	6	
CEG2709*	Applied Remote Sensing and Image Processing	10		10	5	
CEG2719	GNSS for Geoscientists and Engineers	10		10	5	
CEG3707	Geohazards and Deformation of the Earth	10	10		6	
NCL3007	Career Development for Final Year Students	20	10	10	6	
SUG3001	Science Communication for Sustainable Development	10	10		6	
SUG3500	Creativity, Innovation and Market Research in Science and Engineering UG	10	10		6	

* This module will run in 2022/23 and in alternate years thereafter, e.g 2024/25, 2026/27 etc

6. Assessment methods

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

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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.