Programme Regulations: 2023/24

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
(Withdrawn effective from 2022 entry)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.

1. Stage 1

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

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Mode*
NES1100	Sustainability in Practice	20	10	10	4	
NES1200	Academic and Professional Skills	20	10	10	4	
NES1201	Introduction to Sustainability	20	10	10	4	
NES1206	Earth System Science	10	10		4	
NES1207	Dynamic Earth	20	10	10	4	
NES1208	Earth and Environment Field Course	10		10	4	Block
CEG1702	Geographic Information Systems (GIS)	10	10		4	
NES1507	Introductory Oceanography	10		10	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.

2. Stage 2

(i) Candidates who commenced their studies prior to September 2023

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

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Mode*
NES2200	Dissertation and Research Preparation	10		10	5	
NES2202	Sustainable Solutions	10	10		5	
NES2203	Minerals and their Instabilities	10	10		5	
NES2204	Basin Analysis and Stratigraphy	10	10		5	
NES2205	Global Element Cycling	10		10	5	
NES2206	Geological Resources	10	10		5	
NES2207	Geomicrobiology	10		10	5	
NES2208	Basin Analysis Fieldtrip	20		20	5	Block
NES2209	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:

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Mode*
CEG2704	GIS Methods and Applications	10		10	5	
NES2302	Pollution of Air, Water and Soil	10	10		5	

With the approval of the Degree Programme Director, alternative optional modules to those listed above may be selected.

(ii) Candidates commencing their studies from September 2023

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

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Mode*
CEG1706	Earth Observation	10	10		4	
NES2200	Dissertation and Research Preparation	10		10	5	
NES2202	Sustainable Solutions	10	10		5	
NES2204	Basin Analysis and Stratigraphy	20		20	5	
NES2208	Basin Analysis Fieldtrip	20		20	5	Block
NES2209	Research Methods in Environmental Pollution	20	20		5	

(b) All candidates shall select optional modules to the value of 30 credits from the following list:

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Mode*
CEG2704	GIS Methods and Applications	10		10	5	
CEG2709*	Satellite Earth Observation	10		10	5	
CEG2719	Global Navigation Systems for Geoscientists	10		10	5	
NES2302	Pollution of Air, Water and Soil	10	10		5	

* This module will run in 2024/25 and in alternate years thereafter, 2026/27 etc

With the approval of the Degree Programme Director, alternative optional modules to those listed above may be selected.

3. Intercalating Year – F646 only

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.

(a) All candidates shall take the following compulsory module:

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*
NCL3000	Career Service Placement Year Module	120	60	60	6

4. Stage 3

(i) Candidates who commenced their studies prior to September 2023

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

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Mode*
NES3200	Earth and Environmental Science Dissertation	30	10	20	6	
NES3202	Current Issues in Earth and Environmental Sciences	20	10	10	6	
NES3203	Subsurface Investigations	10		10	6	

(b) All candidates shall take one of the following modules:

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Mode*
CEG3701	GIS Fieldcourse	20	20		6	
NES3204	Geological Mapping Fieldtrip	20	20		6	Block

(c) All candidates shall take 40 credits of optional modules normally selected from the following list: (Candidates should only select one from CEG2719 and CEG2709):

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Mode*
CEG2709*	Satellite Earth Observation	10		10	5	
CEG2719	Global Navigation Systems for Geoscientists	10		10	5	
CEG3707	Geohazards and Deformation of the Earth	10	10		6	
NCL3007	Career Development for Final Year Students	20	10	10	6	
NCL3008	Advanced Career Development Module	20	10	10	6	
NES2201	Ecosystem Ecology	10	10		5	
NES3011	Your Future – Occupational Awareness	10		10	6	
NES3114	Science Communication for Sustainable Development	10	10		6	
NES3201	Environmental Impact Assessment	20	10	10	6	
NES3205	Creativity, Innovation and Market Research in Science and Engineering UG	10	10		6	

* This module will run in 2024/25 and in alternate years thereafter; 2026/27 etc

With the approval of the Degree Programme Director, alternative optional modules to those listed above may be selected.

(ii) Candidates who commenced their studies from September 2023

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

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Mode*
NES3200	Earth and Environmental Science Dissertation	30	10	20	6	
NES3202	Current Issues in Earth and Environmental Sciences	20	10	10	6	
NES3203	Subsurface Investigations	10		10	6	

(b) All candidates will choose 10 credits from the modules below:

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Mode*
NES3011	Your Future – Occupational Awareness	10		10	6	
NES3114	Science Communication for Sustainable Development	10	10		6	

(c) All candidates will choose 20 credits from the modules below:

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Mode*
NES3204	Geological Mapping Fieldtrip	20	20		6	Block
CEG3701	Residential GIS Fieldcourse	20	20		6	

(d) All candidates shall select optional modules to the value of 30 credits from the following list. (Candidates should only select one from CEG2719 and CEG2709):

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Mode*
CEG2709*	Satellite Earth Observation	10		10	5	
CEG2719	Global Navigation Systems for Geoscientists	10		10	5	
CEG3707	Geohazards and Deformation of the Earth	10	10		6	
NCL3007	Career Development for Final Year Students	20	10	10	6	
NCL3008	Advanced Career Development Module	20	10	10	6	
NES2503	Oceans and Climate I	20	20		5	
NES3201	Environmental Impact Assessment	20	10	10	6	
NES3205	Creativity Innovation and Market Research in Science and Engineering UG	10	10		6	

* This module will run in 2024/25 and in alternate years thereafter; 2026/27 etc

With the approval of the Degree Programme Director, alternative optional modules to those listed above may be selected.

5. Assessment methods

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

6. 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.