Programme Regulations: 2023/24

Programme Titles From 2022 Entry:
- **Degree of Master of Environmental Science - UCAS Code: F900**
- **Degree of Master of Environmental Science with Placement Year - Code: 1624U**

Programme Titles Prior to 2022 Entry:
- **Degree of Master of Environmental Sciences with Honours in Ecosystem Management UCAS Code: F8C1**
- **Degree of Master of Environmental Sciences with Honours in Ecosystem Management with Placement - UCAS Code: FC81**
- **Degree of Master of Environmental Sciences with Honours in Agricultural and Environmental Science - UCAS Code: F8D4**
- **Degree of Master of Environmental Sciences with Honours in Agricultural and Environmental Science with Placement - UCAS Code: FD84**
- **Degree of Master of Environmental Sciences with Honours in Environmental Geochemistry - UCAS Code: F8F6**
- **Degree of Master of Environmental Sciences with Honours in Environmental Geochemistry with Placement - UCAS Code: FF86**
- **Degree of Master of Environmental Sciences with Honours in Clean Technology UCAS Code: F8H8**
- **Degree of Master of Environmental Sciences with Honours in Clean Technology with Placement - UCAS Code: FH88**

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 the candidate meets the requirements for the Degree of Bachelor of Science with Honours in Environmental Science (F850), they may transfer to that programme at any time before the start of the semester 2 examination period in Stage 3.*
(v) *Programme transfers for Tier 4 student 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.*
(vii) *Programmes FC81, F8C1, F8D4, FD84, F8F6, FF86, F8H8, FH88 are withdrawn from entry.*

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
CEG1702	Geographic Information Systems (GIS)	10	10		4	

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	
NES1205	Plants, Environment, Agriculture	10	10		4	
NES1207	Dynamic Earth	20	10	10	4	
NES1208	Earth and Environment Field Course	10		10	4	Block
NES1507	Introductory Oceanography	10		10	4	

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
NES2104	Site Management and Communication Skills	20	10	10	5
NES2200	Dissertation and Research Preparation	10		10	5
NES2201	Ecosystem Ecology	10	10		5
NES2202	Sustainable Solutions	10	10		5
NES2209	Research Methods in Environmental Pollution	20	20		5
NES2302	Pollution of Air, Water and Soil	10	10		5

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

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Level
LAW2053	Law and Land Use	10	10		6
NCL2007	Career Development for second year students	20	10	10	5
NES2101	Landscape, Culture and Heritage	20		20	5
NES2205	Global Element Cycling	10		10	5
NES2206	Geological Resources	10	10		5
NES2207	Geomicrobiology	10		10	5
NES2305	Biodiversity, Ecology and Conservation	20		20	5

Candidates should look to select modules with a credit weighting of 60/60 per semester. A 70/50 or 50/70 split is allowable, but candidates should speak to their personal tutor in the first instance.

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
NES2200	Dissertation and Research Preparation	10		10	5	
NES2201	Ecosystem Ecology	10	10		5	
NES2202	Sustainable Solutions	10	10		5	
NES2208	International Field Course	20		20	5	Block
NES2209	Research Methods in Environmental Pollution	20	20		5	
NES2503	Oceans and Climate	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
CEG1706	Earth Observation	10	10		4
CEG2704	GIS Methods and Applications	10		10	5
CEG2709*	Satellite Earth Observation	10		10	5
LAW2053	Law and Land Use	10	10		6
NES2101	Landscape, Culture and Heritage	20		20	5
NES2104	Site Management and Communication Skills	20	10	10	5
NES2204	Basin Analysis and Stratigraphy	10	10		5
NES2302	Pollution of Air, Water and Soil	10	10		5
NES2305	Biodiversity, Ecology and Conservation	20		20	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.

Candidates should look to select modules with a credit weighting of 60/60 per semester. A 70/50 or 50/70 split is allowable, but candidates should speak to their personal tutor in the first instance

To progress to Stage 3 of this degree programme, candidates are required to obtain an average over all modules taken at Stage 2 of at least 55.

3.   Year 3 (Intercalating Year)

On completion of Stage 2 and before entering Stage 3, candidates may as part of their studies for the degree spend a year in a placement with an approved organisation. Permission to undertake a placement is subject to the approval of the Degree Programme Director. Students who are required to re-sit 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.

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Level
NCL3000	Careers 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
NES3112	Sustainable Development and Environmental Valuation	10	10		6
NES3200	Earth and Environmental Science Dissertation	30	10	20	6
NES3201	Environmental Impact Assessment	20	10	10	6

(b) All candidates shall select optional modules to the value of 60 credits from the following list:

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Level
NES2106	Qualitative Research Methods	10	10		5
CEG3707	Geohazards and Deformation of the Earth	10	10		6
NCL3007	Career Development for Final Year Students	20	10	10	6
NES3011	Your Future – Occupational Awareness	10		10	6
NES3104	Countryside Management	20	10	10	6
NES3105	Rural Planning, Politics and Society	20		20	6
NES3114	Science Communication for Sustainable Development	10	10		6
NES3202	Current Issues in Earth and Environmental Sciences	20	10	10	6
NES3301	Biodiversity Science and Management	20		20	6
NES3305	Biological Modelling	20	20		6

Candidates should look to select modules with a credit weighting of 60/60 per semester. A 70/50 or 50/70 split is allowable, but candidates should speak to their personal tutor in the first instance.

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
NES3112	Sustainable Development and Environmental Valuation	10	10		6

NES3200	Earth and Environmental Science Dissertation	30	10	20	6
NES3201	Environmental Impact Assessment	20	10	10	6
NES3202	Current Issues in Earth and Environmental Sciences	20	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
NES3011	Your Future – Occupational Awareness	10		10	6
NES3114	Science Communication for Sustainable Development	10	10		6

(c)   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
CEG2709*	Satellite Earth Observation	10		10	5
NCL3007	Career Development for Final Year Students	20	10	10	6
NES2106	Qualitative Research Methods	10	10		5
NES2302	Pollution of Air, Water and Soil	10	10		5
NES2305	Biodiversity, Ecology and Conservation	20		20	5
NES3104	Countryside Management	20	10	10	6
NES3105	Rural Planning, Politics and Society	20		20	6
NES3301	Biodiversity Science and Management	20		20	6
NES3305	Biological Modelling	20	20		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

Candidates should look to select modules with a credit weighting of 60/60 per semester. A 70/50 or 50/70 split is allowable, but candidates should speak to their personal tutor in the first instance.

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

To progress to Stage 4 of this degree programme, candidates are required to obtain an average over all modules taken at Stage 3 of at least 55, with no more than 20 credits lower than 50.

5.   Stage 4

a)   Candidates for Master of Environmental Science F900/1624U, will select a stream from (i)-(iii):

b)   Candidates for Master of Environmental Sciences with Honours in Ecosystem Management, F8C1/FC81 will take modules listed in (i):

c)   Candidates for Master of Environmental Sciences with Honours in Agricultural and Environmental Science, F8D4/FD84 will take modules listed in (ii):

d)   Candidates for Master of Environmental Sciences with Honours in Clean Technology F8H8/FH88, will take modules listed in (iii):

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

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Level	Mode
NES8006	Data Analysis, Interpretation and Presentation for MSc	10	10		7	Block
NES8100	Habitat Monitoring and Assessment	20		20	7	Block
NES8101	Ecosystem Management	10		10	7	Block
NES8104	Forest Ecology	20	20		7	Block
NES8200	Earth and Environmental Science Research Project	60	30	30	7	

(ii)   Agricultural and Environmental Science
(a)   All candidates shall take the following compulsory modules:

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Level	Mode
NES8006	Data Analysis, Interpretation and Presentation for MSc	10	10		7	Block
NES8104	Forest Ecology	20	20		7	Block
NES8200	Earth and Environmental Science Research Project	60	30	30	7	

(b)   All candidates shall take 30 credits of optional modules normally selected from the following

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Level	Mode
NES8101	Ecosystem Management	10		10	7	Block
NES8212	Animal Welfare and Behaviour	20	10	10	7	
NES8214	Precision Agriculture incorporating Non-Combinable Crops	20	10	10	7	
SPG8027	Project Management Appreciation	10		10	7	Block

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

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

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Level	Mode
CME8012	Business and Environmental Management	10	10		7	Block
NES8006	Data Analysis, Interpretation and Presentation for MSc	10	10		7	Block
NES8200	Earth and Environmental Science Research Project	60	30	30	7	

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

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Level	Mode
CME8038	Sustainable Industry	10	10		7	Block
SPG8008	Renewable Energy: Biomass and Bioenergy	10		10	7	Block
SPG8009	Renewable Energy: Biomass and Bioenergy	10		10	7	Block
SPG8014	Introduction to Hydro, Wind, Wave and Tidal Energy	10	10		7	Block
SPG8016	Design, Innovation and Entrepreneurship in Science and Engineering	20		20	7	Block

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

6.   Assessment methods

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

7.   Degree classification

Candidates will be assessed for degree classification on the basis of all the modules taken at Stages 2, 3 and 4 with the weighting of the stages being 1:2:3 for Stages 2, 3 and Stage 4 respectively.