Programme Regulations: 2025/26

Programme Titles:
Degree of Master of Earth Science in Earth Science - UCAS Code: F640*
Degree of Master of Earth Science in Earth Science with International Study Year – Code 1813U*

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 three-year BSc in Earth Science degree (F641) they may transfer to that programme at any time before the start of Stage 3. This applies only to students who commenced their studies prior to 2023.

(v) Programme transfers for Student Visa students may be restricted. 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) Candidates must meet the Newcastle University Qualifications and Credits Framework which states that candidates must take a minimum of 90 credits at each FHEQ levels 4,5 and 6, and 120 at level 7.

*(viii) *Programmes F640/1813U is withdrawn from entry effective from September 2022.*

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.

1. Stage 3

(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	Geotechnical and geophysical investigations	10		10	6	
NES3204	Geological Mapping Fieldtrip	20	20		6	Block

(b) All candidates shall select optional modules to the value of 40 credits from the following list. **(Candidates should only select a maximum of 20 credits from NES3205, NCL3007 and NES3011)**:

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*
CEG3707	Geohazards and Deformation of the Earth	10	10		6
GEO3128	Polar Environments	20	10	10	6
GEO3144	Mountain Environments	20	20		6
GEO3165	Rivers and Deltas	20	10	10	6
GEO3147	Past and Present Climates	20		20	6
NCL3007	Career Development for Final Year Students	20	10	10	6
NES2201	Soil and Ecosystem Science	10	10		5
NES2503	Oceans and Climate I	20	20		5

NES3011	Your Future – Occupational Awareness	10		10	6
NES3201	Environmental Impact Assessment	20	10	10	6
NES3205	Insight, Innovate, Impact	10	10		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.

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 50%.

2. Stage 4

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

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*
NES8200	Earth and Environmental Science Research Project	60	30	30	7

(b) All candidates shall take 60 credits of optional modules normally selected from the following list:

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Mode*
CEG8107	Environmental Engineering in Low and Middle Income Countries	10		10	7	Block
CEG8212	Assessment of Slope Stability; design of slopes and retaining structures	20	20		7	Block
CEG8514	Climate Change: Vulnerability, Impacts and Adaptation	10		10	7	Block
CEG8524	Water Management: Issues & Challenges	10	10		7	Block
CEG8527	Fundamentals of Conceptual and Numeric Ground Water Modelling	10		10	7	Block
CME8413	Sustainable Industry II: Business and Environmental Management	20		20	7	Block
NES8006	Data Analysis, Interpretation and Presentation for MSc	10	10		7	Block
NES8011	Problem Solving Through Innovation PG	10		10	7	Block
NES8313	Sustainability of Human and Natural Systems	20	20		7	Block
SPG8012	Renewable Energy: Energy Management	10	10		7	Block
SPG8013	Environmental Impact Assessment	10		10	7	Block
SPG8024	Quantifying Energy Decision Making	10		10	7	Block
SPG8025	Subsurface Energy Systems: Exploration, Evaluation and Sustainable Management.	10	10		7	Block
SPG8027	Project Management Appreciation	10		10	7	Block

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.

Module selection at Stage 4 is subject to timetabling.

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

3. Assessment methods

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

4. 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 Stage 2, Stage 3 and Stage 4 respectively.