MODULE SPECIFICATION

Part 1: Information			
Module Title	Dynamic Earth		
Module Code	UBGLYD-30-1	Level	Level 4
For implementation from	2019-20		
UWE Credit Rating	30	ECTS Credit Rating	15
Faculty	Faculty of Environment & Technology	Field	Geography and Environmental Management
Department	FET Dept of Geography & Envrnmental Mgmt		
Module type:	Standard		
Pre-requisites	None		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description

Educational Aims: See Learning Outcomes.

Outline Syllabus: This module will introduce you to the processes that shape the surface of the earth at a range of scales. This will involve the study of various aspects of physical geography, which may include: □

Tectonics □

Weathering and erosion □

Slope processes □

Meteorology □

Hydrology □

Glacial geomorphology □

Periglacial geomorphology □

Karst geomorphology □

Arid geomorphology □

Long term landscape evolution

Teaching and Learning Methods: The module will be taught using a combination of lectures and practical workshops and assessed using a combination of written exams and a practical portfolio. The lectures will be used to teach the theoretical content of the module, which will be assessed by written exams. The practical workshops will be used to teach a range of practical skills, which will be assessed by a practical portfolio.

Part 3: Assessment

The module is assessed by two components. Both Component A and Component B are weighted at 50%.

Component A

Element 1: Written exam (1 hour). End of Semester 1. Learning outcomes 1-4. Element 2: Written exam (1 hour). End of Semester 2. Learning outcomes 1-4. For the first sit, the two exams will fall at the end of each semester with the content of each exam based on the topics covered in that semester. The exams will test the students' understanding of the processes that shape the surface of the earth, their ability to support this knowledge with evidence from peer-reviewed literature, and their ability to communicate that knowledge in written form.

Students will have the opportunity to receive formative feedback on their preparations for the exam within revision sessions at the end of each semester.

Component B

Portfolio of practical work (equivalent to 3000 words). Learning outcomes 5 and 6. For the first sit, the practical portfolio will be submitted at the end of the second semester. It will be a collection of outputs from practical work completed throughout the academic year. It will test the students' ability to interpret and analyse earth science data in tabular, graphical and map form, and their ability to produce accurate and professional analytical outputs.

Students will have opportunities to receive formative feedback on the practical outputs they produce during the scheduled workshops.

Resit information

Students who fail the module at the first attempt will be required to re-sit the exams as a single 2 hour examination and/or re-submit their practical portfolio as appropriate.

First Sit Components	**Final Assessment**	**Element weighting**	**Description**
Portfolio - Component B		50 %	Practical portfolio (equivalent to 3000 words)
Examination - Component A	✓	25 %	Exam (1 hour)
Examination - Component A		25 %	Exam (1 hour)
Resit Components	**Final Assessment**	**Element weighting**	**Description**
Portfolio - Component B		50 %	Resit practical portfolio (equivalent to 3000 words)
Examination - Component A	✓	50 %	Re-sit exam (2 hours)

Part 4: Teaching and Learning Methods

Learning Outcomes

On successful completion of this module students will achieve the following learning outcomes:

Module Learning Outcomes	Reference
Demonstrate an understanding of how the physical components of the earth are formed	MO1
Demonstrate an understanding of the processes that shape the surface of the earth at a range of scales	MO2
Demonstrate an understanding of key philosophical concepts in earth science	MO3
Demonstrate independent engagement with earth science academic literature	MO4
Demonstrate an ability to interpret earth science data in tabular, graphical and map form	MO5
Demonstrate an ability to produce accurate and professional analytical outputs	MO6

Contact Hours

Independent Study Hours:	
Independent study/self-guided study	228
Total Independent Study Hours:	228
Scheduled Learning and Teaching Hours:	
Face-to-face learning	72
Total Scheduled Learning and Teaching Hours:	72
Hours to be allocated	300
Allocated Hours	300

Reading List

The reading list for this module can be accessed via the following link:

https://uwe.rl.talis.com/modules/ubglyd-30-1.html

Part 5: Contributes Towards

This module contributes towards the following programmes of study:

Geology [Sep][FT][Frenchay][3yrs] BSc (Hons) 2019-20

Geology [Sep][SW][Frenchay][4yrs] BSc (Hons) 2019-20

Geography {Foundation} [Sep][SW][Frenchay][5yrs] BSc (Hons) 2018-19

Geography {Foundation} [Sep][FT][Frenchay][4yrs] BSc (Hons) 2018-19