



MODULE SPECIFICATION

Part 1: Information			
Module Title	Dynamic Earth		
Module Code	UBGLYD-30-1	Level	Level 4
For implementation from	2020-21		
UWE Credit Rating	30	ECTS Credit Rating	15
Faculty	Faculty of Environment & Technology	Field	Geography and Environmental Management
Department	FET Dept of Geography & Environmental Mgmt		
Module type:	Standard		
Pre-requisites	None		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description
<p>Educational Aims: See Learning Outcomes.</p> <p>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: <input type="checkbox"/></p> <p>Tectonics <input type="checkbox"/></p> <p>Weathering and erosion <input type="checkbox"/></p> <p>Slope processes <input type="checkbox"/></p> <p>Meteorology <input type="checkbox"/></p> <p>Hydrology <input type="checkbox"/></p> <p>Glacial geomorphology <input type="checkbox"/></p> <p>Periglacial geomorphology <input type="checkbox"/></p>

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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: Short written exam (1 hour). End of Semester 1. Learning outcomes 1-4.

Element 2: Short 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; this will ensure comprehension of the materials covered over each semester in a holistic manner. The exam component will test 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 essay form under exam conditions.

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

This is made up of 4 Portfolios of practical work (equivalent to 3000 words in total/combination) each portfolio constituting separate Elements of submission within the Component. These will address learning outcomes 5 and 6. For the first sit, the practical portfolio will be submitted at key points spread across the academic year. as four separate elements, spread across the academic year. A schedule will be provided to students creating a framework of learning to support their progress through this module via a series of small practical work packages used to demonstrate specifically required skills, knowledge, and understanding. Each portfolio will be a collection of (approximately 4) small scale outputs from practical work completed throughout the academic year. In combinations these 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 are producing during the scheduled workshops to support their submissions within the portfolios..

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.

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First Sit Components	Final Assessment	Element weighting	Description
Portfolio - Component B		12.5 %	Practical Portfolio 1 of 4
Portfolio - Component B		12.5 %	Practical Portfolio 2 of 4
Portfolio - Component B		12.5 %	Practical Portfolio 3 of 4
Portfolio - Component B		12.5 %	Practical Portfolio 4 of 4
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 understanding of how the physical components of the earth are formed	MO1
	Demonstrate understanding of the processes that shape the surface of the earth at a range of scales	MO2
	Demonstrate understanding of key philosophical concepts in earth science	MO3
	Undertake effective independent engagement with earth science academic literature	MO4
	Evidence an ability to interpret, understand, and use earth science data presented in tabular, graphical, image and map form	MO5
	Evidence an ability to produce accurate and professional analytical outputs on earth science practical activities in a portfolio format.	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

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	Total Scheduled Learning and Teaching Hours:	72
	Hours to be allocated	300
	Allocated Hours	300
Reading List	<i>The reading list for this module can be accessed via the following link:</i> https://uwe.rl.talis.com/modules/ubglyd-30-1.html	

Part 5: Contributes Towards

This module contributes towards the following programmes of study: