



## **Module Specification**

### **Dynamic Earth**

Version: 2021-22, v1.0, 03 Aug 2020

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## Part 1: Information

**Module title:** Dynamic Earth

**Module code:** UBGLYD-30-1

**Level:** Level 4

**For implementation from:** 2021-22

**UWE credit rating:** 30

**ECTS credit rating:** 15

**Faculty:** Faculty of Environment & Technology

**Department:** FET Dept of Geography & Environmental Mgmt

**Partner institutions:** None

**Delivery locations:** Frenchay Campus

**Field:** Geography and Environmental Management

**Module type:** Standard

**Pre-requisites:** None

**Excluded combinations:** None

**Co-requisites:** None

**Continuing professional development:** No

**Professional, statutory or regulatory body requirements:** None

## Part 2: Description

**Overview:** Not applicable

**Features:** Not applicable

**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

### **Part 3: Teaching and learning methods**

**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.

**Module Learning outcomes:**

**MO1** Demonstrate understanding of how the physical components of the earth are formed

**MO2** Demonstrate understanding of the processes that shape the surface of the earth at a range of scales

**MO3** Demonstrate understanding of key philosophical concepts in earth science

**MO4** Undertake effective independent engagement with earth science academic literature

**MO5** Evidence an ability to interpret, understand, and use earth science data presented in tabular, graphical, image and map form

**MO6** Evidence an ability to produce accurate and professional analytical outputs on earth science practical activities in a portfolio format.

**Hours to be allocated:** 300

**Contact hours:**

Independent study/self-guided study = 228 hours

Face-to-face learning = 72 hours

Total = 300

**Reading list:** The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://uwe.rl.talis.com/modules/ubglyd-30-1.html) via the following link <https://uwe.rl.talis.com/modules/ubglyd-30-1.html>

## **Part 4: Assessment**

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

Component A

Element 1: Short written exam. End of Semester 1. Learning outcomes 1-4.

Element 2: Short written exam. 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 four key points 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 examination and/or re-submit their practical portfolio as appropriate.

**Assessment components:****Examination (Online) - Component A (First Sit)**

Description: Exam

Weighting: 25 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

**Examination (Online) - Component A (First Sit)**

Description: Exam

Weighting: 25 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

**Portfolio - Component B (First Sit)**

Description: Practical Portfolio 1 of 4

Weighting: 12.5 %

Final assessment: No

Group work: No

Learning outcomes tested: MO5, MO6

**Portfolio - Component B (First Sit)**

Description: Practical Portfolio 2 of 4

Weighting: 12.5 %

Final assessment: No

Group work: No

Learning outcomes tested: MO5, MO6

**Portfolio - Component B (First Sit)**

Description: Practical Portfolio 3 of 4

Weighting: 12.5 %

Final assessment: No

Group work: No

Learning outcomes tested: MO5, MO6

**Portfolio - Component B (First Sit)**

Description: Practical Portfolio 4 of 4

Weighting: 12.5 %

Final assessment: No

Group work: No

Learning outcomes tested: MO5, MO6

**Portfolio - Component B (Resit)**

Description: Resit practical portfolio (equivalent to 3000 words)

Weighting: 50 %

Final assessment: No

Group work: No

Learning outcomes tested:

**Examination (Online) - Component A (Resit)**

Description: Re-sit exam

Weighting: 50 %

Final assessment: Yes

Group work: No

Learning outcomes tested:

**Part 5: Contributes towards**

This module contributes towards the following programmes of study: