# Module Specification

## Dynamic Earth

Version: 2025-26, v2.0, Approved

**Contents**

## Part 1: Information

**Module title:** Dynamic Earth

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

**Level:** Level 4

**For implementation from:** 2025-26

**UWE credit rating:** 30

**ECTS credit rating:** 15

**College:** College of Arts, Technology and Environment

**School:** CATE School of Architecture and Environment

**Partner institutions:** None

**Field:** Geography and Environmental Management

**Module type:** Module

**Pre-requisites:** None

**Excluded combinations:** None

**Co-requisites:** None

**Continuing professional development:** No

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

## Part 2: Description

**Overview:** This module explores a range of themes fundamental to the understanding of the physical environment.

**Features:** Not applicable

**Educational aims:** Through this modules students will explore a range of themes fundamental to understanding the physical environment. The module supports

students to develop practical laboratory and computer skills that are used in physical environmental studies.

**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 4 practical portfolios relating to 4 themes each relating to a separate component of the Earth's physical processes. The lectures will be used to teach the theoretical content of the module and the

practical workshops will be used to teach a range of practical skills, both will be assessed by a practical portfolio.

**Module Learning outcomes:** On successful completion of this module students will achieve the following learning outcomes.

**MO1** Demonstrate understanding of fundamental geological and tectonic processes and landforms drawing on practical outputs and academic literature

**MO2** Demonstrate understanding of fundamental hydrological and catchment processes and landforms drawing on practical outputs and academic literature

**MO3** Demonstrate understanding of fundamental geomorphological processes and landforms in extreme environments drawing on practical outputs and academic literature

**MO4** 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

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

## Part 4: Assessment

**Assessment strategy:** The Assessment

Each theme will be assessed with a practical portfolio, there will be 4 separate practical portfolios each relating to a theme covered in the module, these will include the rock cycle, tectonics, catchment processes and cold environments. Each portfolio will have a maximum length of 1500 words plus visual materials. In the portfolio students are expected to complete a series of practical exercises and to use

the academic literature to consider how the findings relate to the theoretical concepts.

Formative feedback - 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 Portfolio - Each portfolio requiring resit must be submitted, a similar brief to that described above will be used for each of the portfolios.

**Assessment tasks:**

**Portfolio** (First Sit)
Description: Practical Portfolio 1 (1500 words)
Weighting: 25 %
Final assessment: No
Group work: No
Learning outcomes tested: MO1, MO4

**Portfolio** (First Sit)
Description: Practical Portfolio 3: (1500 word equivalent)
Weighting: 25 %
Final assessment: No
Group work: No
Learning outcomes tested: MO1, MO4

**Portfolio** (First Sit)
Description: Portfolio 2: practical portfolio (1500 words)
Weighting: 25 %
Final assessment: No
Group work: No
Learning outcomes tested: MO2, MO4

**Portfolio** (First Sit)

Description: Practical portfolio 4: (1500 word equivalent)
Weighting: 25 %
Final assessment: Yes
Group work: No
Learning outcomes tested: MO3, MO4

**Portfolio** (Resit)
Description: Practical portfolio 1 (1500 words equivalent)
Weighting: 25 %
Final assessment: No
Group work: No
Learning outcomes tested: MO1, MO4

**Portfolio** (Resit)
Description: Portfolio 3: 1500 words equivalent
Weighting: 25 %
Final assessment: No
Group work: No
Learning outcomes tested: MO1, MO4

**Portfolio** (Resit)
Description: Portfolio 2: 1500 words equivalent
Weighting: 25 %
Final assessment: No
Group work: No
Learning outcomes tested: MO2, MO4

**Portfolio** (Resit)
Description: Portfolio 4: 1500 words equivalent
Weighting: 25 %
Final assessment: Yes
Group work: No
Learning outcomes tested: MO3, MO4

## Part 5: Contributes towards

This module contributes towards the following programmes of study:

Geography [Frenchay] BSc (Hons) 2025-26

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