



## **Module Specification**

### Tectonic Processes and Landforms

Version: 2023-24, v2.0, 31 Jul 2023

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## Part 1: Information

**Module title:** Tectonic Processes and Landforms

**Module code:** UBGMRA-15-2

**Level:** Level 5

**For implementation from:** 2023-24

**UWE credit rating:** 15

**ECTS credit rating:** 7.5

**College:** Faculty of Environment & Technology

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

**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:** Not applicable

**Features:** Module Entry Requirements: Students must have achieved 90 credits at level one

**Educational aims:** See Learning Outcomes

**Outline syllabus:** This module will cover the following:

## The Earth Interior

## Plate tectonics

Processes and landforms associated with a range of tectonic phenomena, which may include:

Sea floor spreading.

Continental tectonics.

Subduction zones.

Orogeny.

Earthquakes.

Volcanoes.

### 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 a written exam and a practical portfolio. The lectures will be used to teach the theoretical content of the module, which will be assessed by the written exam. The practical workshops will be used to teach a range of practical techniques for analysing tectonic processes and landforms, which will be assessed by the practical portfolio.

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

**MO1** Communicate complex arguments in written form

**MO2** Use peer-reviewed evidence to support complex arguments

**MO3** Demonstrate a critical awareness of the theory of plate tectonics and our understanding of the nature of the interior of the Earth

**MO4** Demonstrate a critical understanding of the science behind a range of tectonic processes and landforms

**MO5** Apply a range of practical techniques to describe and interpret tectonic processes and landforms

**MO6** Accurately and professionally present outputs from a range of practical techniques to describe and interpret tectonic processes and landforms

**Hours to be allocated:** 150

**Contact hours:**

Independent study/self-guided study = 114 hours

Face-to-face learning = 36 hours

Total = 150

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

## **Part 4: Assessment**

**Assessment strategy:** The Assessment:

Reports 1 and 2 - (each report equivalent to 1500 words).

These reports will comprise the presentation of practical and/or problem solving exercises, and associated analytical and interpretive reports which include reference to appropriate literature resources.

The purpose of these reports is to: Assess the students' evolving knowledge and understanding at key progression points in the module syllabus relating to the syllabus themes. Assess the students' ability to link practical investigation and problem solving to the associated peer review literature and to communicate analysis and interpretation effectively in visual and written form.

Enable students to reflect on their development as learners through a "feed-forward" approach, where students use timely formative and summative feedback to improve their performance in subsequent assignments/ examinations.

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

Resit Reports 1 & 2 - a similar brief to that described above, which may include some topic changes.

**Assessment tasks:**

**Report (First Sit)**

Description: Report 1( 1500 words)

Weighting: 50 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6

**Report (First Sit)**

Description: Report 2 (1500 words)

Weighting: 50 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6

**Report (Resit)**

Description: Report 1 ( 1500 words)

Weighting: 50 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6

**Report (Resit)**

Description: Report 2 (1500 words)

Weighting: 50 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6

**Part 5: Contributes towards**

This module contributes towards the following programmes of study:

Geology [Sep][SW][Frenchay][4yrs] - Not Running BSc (Hons) 2022-23

Geology [Sep][FT][Frenchay][3yrs] - Not Running BSc (Hons) 2022-23

Geography [Frenchay] BSc (Hons) 2022-23

Geography {Foundation} [Sep][FT][Frenchay][4yrs] - Not Running BSc (Hons) 2021-22

Geography {Foundation} [Sep][SW][Frenchay][5yrs] - Not Running BSc (Hons) 2021-22