Module Specification

Dynamic Earth

Version: 2023-24, v2.0, 13 Jul 2023

Contents

Part 1: Information

Module title: Dynamic Earth

Module code: UBGLYD-30-1

Level: Level 4

For implementation from: 2023-24

UWE credit rating: 30

ECTS credit rating: 15

Faculty: Faculty of Environment & Technology

Department: FET Dept of Geography & Envrnmental 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: 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 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 how the physical components of the earth are formed and the key processes shaping the surface of the Earth, to include the rock cycle and tectonics, catchment processes and cold environments.

MO2 Demonstrate understanding of key philosophical concepts in earth science and the associated literature.

MO3 Evidence an ability to interpret, understand, and use earth science data presented in tabular, graphical, image and map form and engage with the Earth science 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

Total = 300

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, MO2, MO3, MO4

Portfolio (First Sit)
Description: Portfolio 2: practical portfolio (1500 words)
Weighting: 25 %
Final assessment: No
Group work: No
Learning outcomes tested: MO1, MO2, MO3, MO4

Portfolio (First Sit)
Description: Practical Portfolio 3: (1500 word equivalent)
Weighting: 25 %
Final assessment: No
Group work: No
Learning outcomes tested: MO1, MO2, MO3, MO4

Portfolio (First Sit)
Description: Practical portfolio 4: (1500 word equivalent)
Weighting: 25 %

Final assessment: Yes
Group work: No
Learning outcomes tested: MO1, MO2, MO3, MO4

Portfolio (Resit)
Description: Practical portfolio 1 (1500 words equivalent)
Weighting: 25 %
Final assessment: No
Group work: No
Learning outcomes tested: MO1, MO2, MO3, MO4

Portfolio (Resit)
Description: Portfolio 2: 1500 words equivalent
Weighting: 25 %
Final assessment: No
Group work: No
Learning outcomes tested: MO1, MO2, MO3, MO4

Portfolio (Resit)
Description: Portfolio 3: 1500 words equivalent
Weighting: 25 %
Final assessment: No
Group work: No
Learning outcomes tested: MO1, MO2, MO3, MO4

Portfolio (Resit)
Description: Portfolio 4: 1500 words equivalent
Weighting: 25 %
Final assessment: No
Group work: No
Learning outcomes tested: MO1, MO2, MO3, MO4

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Geography [Frenchay] BSc (Hons) 2023-24

Geography {Foundation} [Sep][FT][Frenchay][4yrs] - Not Running BSc (Hons) 2022-23

Geography {Foundation} [Sep][SW][Frenchay][5yrs] - Not Running BSc (Hons) 2022-23