



Module Specification

Biogeography and Conservation

Version: 2021-22, v3.0, 26 Jul 2021

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Part 1: Information

Module title: Biogeography and Conservation

Module code: UBGMJT-30-3

Level: Level 6

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: Ecology 2021-22

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: 60 credits at level 2

Educational aims: This module aims to develop students' understanding of the geographic distributions of organisms and the ecological and evolutionary forces that dictate where organisms live. It examines the theoretical application of

biogeographical principles to conservation planning and management, and develops a working knowledge of techniques and skills used in producing a conservation management plan. The module allows students to apply their biogeographical knowledge and understanding to conservation practice.

In addition the educational experience may explore, develop, and practise the following:

Small group negotiation and problem-solving

Outline syllabus: Themes include:

Examination of global ecosystems, distribution, animal and plant adaptations, community organisation, environmental and species diversity, threats and management.

Historical biogeography: processes producing species distribution patterns.

Approaches to nature conservation in the UK and abroad: theories and practice.

Management options for UK habitats.

Site management planning for conservation.

Quantitative methods of site investigation: techniques for sampling, surveying, monitoring and analysis.

Part 3: Teaching and learning methods

Teaching and learning methods: Scheduled learning on this module includes lectures which are used to establish the discipline context and key definitions/concepts. Practical workshops and field work sessions aid skills development. Through the tasks and activities provided, learners will build upon the

fundamental concepts covered in the lectures and start applying new understanding.

Independent learning includes time engaged with essential reading, undertaking tutor-guided formative exercises that are integral to the course programme, and assessment preparation and completion.

Contact Hours:

Students will receive on average 3 hours contact time per week. This will be in a range of formats, including lectures, workshop or seminar sessions, fieldwork and support via electronic means (email, Teams, and Blackboard communication).

The amount of time spent on activities in this module is shown below:

Activity:

Contact time: 72 hours

Assimilation and development of knowledge: 150 hours

Exam preparation: 0 hours

Coursework preparation: 78 hours

Total study time: 300 hours

Module Learning outcomes:

MO1 Identify, summarise, and evaluate, plant and animal communities within ecosystems

MO2 Demonstrate a working knowledge of research design and on-site investigation into community structure and dynamics

MO3 Critically evaluate nature conservation practice in the UK and abroad

MO4 Identify appropriate conservation management options for a variety of habitats

MO5 Produce a site management plan for a site of nature conservation value based on standard methodologies

MO6 Construct reasoned arguments, supported by academic literature, in order to answer specific biogeographical questions

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/ubgmjt-30-3.html) via the following link <https://uwe.rl.talis.com/modules/ubgmjt-30-3.html>

Part 4: Assessment

Assessment strategy: The assessment strategy is built on the premise of assessment for learning. Formative exercises and practical exercises in seminars develop the application of lecture material in the context of wider ecological debate. The knowledge and understanding gained in teaching block 1 and its associated summative and formative assessment is then applied, supported by scheduled tutorials, to the development of a conservation management plan.

Summative Assessment:

Component A - (25%) 1500 word equivalent Ecological Report:

Component A will be assessed via a written assignment which will test understanding of theory, concepts and processes to an applied industry skill.

Component B - (75%) 3000 word equivalent Management Plan for a local site of nature conservation interest:

Component B will require the utilisation of field survey data and knowledge of nature conservation theory and practice in order to produce an individual site management plan.

Formative work:

Formative feedback will be provided to students via support sessions with the tutor.

Assessment components:

Written Assignment - Component A (First Sit)

Description: Ecological Report (1500 words equivalent)

Weighting: 25 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO3, MO6

Written Assignment - Component B (First Sit)

Description: Management plan (3000 words)

Weighting: 75 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO2, MO3, MO4, MO5

Written Assignment - Component A (Resit)

Description: Ecological Report (1500 words equivalent)

Weighting: 25 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO3, MO6

Written Assignment - Component B (Resit)

Description: Management plan (3000 words)

Weighting: 75 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO2, MO3, MO4, MO5

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Geography [Sep][FT][Frenchay][3yrs] BSc (Hons) 2019-20

Geography {Foundation} [Sep][FT][Frenchay][4yrs] BSc (Hons) 2018-19

Geography [Sep][SW][Frenchay][4yrs] BSc (Hons) 2018-19