Module Specification

Conservation Research Methods

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Contents

Part 1: Information

Module title: Conservation Research Methods

Module code: USSKLS-15-M

Level: Level 7

For implementation from: 2023-24

UWE credit rating: 15

ECTS credit rating: 7.5

Faculty: Faculty of Health & Applied Sciences

Department: HAS Dept of Applied Sciences

Partner institutions: None

Field: Applied Sciences

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: The aim of this module is to increase the students' confidence and employability within key areas of conservation science, predominantly data analysis and species identification. The module is designed to be flexible, centred

around online mini-courses and associated discussion forums, allowing students to learn at their own pace throughout the duration of the course.

Outline syllabus: The mini-courses will teach and assess a range of analytical skills e.g. An Introduction to Statistical Modelling; An Introduction to GIS; Remote Sensing; Non-Linear Modelling.

Students will need to complete courses during the program, totalling a minimum of 10 days' worth of study. As part of the module all students will also be required to submit a portfolio of annotated botanical species samples.

Part 3: Teaching and learning methods

Teaching and learning methods: The bulk of the module will deliver computer-based skills and be presented via online mini-courses, which combine video lectures and practical tasks. Learning will be supported via online discussion forums and weekly drop-in sessions where tutors and peers provide support to learners. The subjects of the mini-courses will complement the provision of analytical skills in other modules.

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

MO1 Demonstrate advanced botanical species identification skills

MO2 Demonstrate a deep understanding of data analytical skills which are relevant to conservation science

MO3 Demonstrate and evaluate the applicability of different data and ecological analysis techniques to conservation science and practice

Hours to be allocated: 150

Contact hours:

Independent study/self-guided study = 110 hours

Face-to-face learning = 40 hours

Total = 150

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/usskls-15-m.html

Part 4: Assessment

Assessment strategy: The assessment strategy will comprise outputs from the mini-courses along with submission of a botanical species identification portfolio.

Each of the mini-courses will have automated tests associated with different formative tasks. Assessment of students' learning and ability will be tested at the end of each mini-course via an automated test of the understanding and ability. Different variants of each summative test, testing the same techniques but using different datasets, will be created. The results of summative tasks will determine to the students' final mark for module.

Assessment Task 1: Species Identification
Submission of a portfolio of approximately 30 annotated botanical specimens, which have been collected in the field.

Assessment Task 2: Mini-Course on-line tests:

Ten courses must be passed with a minimum score of 50%.

Completion of the summative tests from ten mini-courses will provide an overall mark for that part of the module.

All courses must be completed and the total number of marks awarded from each course will be combined by the Module Leader or their nominated representative to create the overall submitted mark.

Assessment tasks:

Portfolio (First Sit)
Description: Species identification portfolio
Weighting: 25 %
Final assessment: Yes
Group work: No
Learning outcomes tested: MO1

Online Assignment (First Sit)
Description: Online tests
Weighting: 75 %
Final assessment: No
Group work: No
Learning outcomes tested: MO2, MO3

Portfolio (Resit)
Description: Species identification portfolio
Weighting: 25 %
Final assessment: Yes
Group work: No
Learning outcomes tested: MO1

Online Assignment (Resit)
Description: Online tests
Weighting: 75 %
Final assessment: No
Group work: No
Learning outcomes tested: MO2, MO3

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Applied Wildlife Conservation [Zoo] MSc 2023-24

Advanced Wildlife Conservation in Practice [Zoo] MSc 2023-24

Advanced Wildlife Conservation in Practice [Zoo] MSc 2022-23