

Module Specification

Module Title Module Code
Credit Value Level Mode of Delivery Semester B

Pre-requisite modules	Co-requisite modules	Overlapping modules

1) Content Description

Provide a description of the module, as it will appear in the Module Directory and on the Student Information System (approx. 70-80 words).

This module covers the essentials and fundamental concepts of population and community ecology as well as applied issues such as conservation. There is a 3 day residential field course where students will study organisms in their natural environments, rather than in the laboratory.

2) Module Aims

Specify the aims of the module, i.e. the broad educational purposes for offering this module.

The aim of this module is to ensure that all first year students who take it have a clear understanding of the essentials of ecology.

3) Learning Outcomes

Identify the learning outcomes for this module, i.e. knowledge, skills and attributes to be developed through completion of this module. Outcomes should be referenced to the relevant [QAA benchmark statements](#) and the [Framework for Higher Education Qualifications in England, Wales and Northern Ireland \(2008\)](#). The [SEEC Credit Level Descriptors for Further and Higher Education 2003](#) and [Queen Mary Statement of Graduate Attributes](#) should also be used as a guiding framework for curriculum design.

Academic Content:	
A 1	Understand the fundamental ways in which populations can change over time
A 2	Understand the main concepts behind community and ecosystem ecology
A 3	Understand the link between ecological theory issues such as conservation, harvesting natural populations and environmental change

Disciplinary skills - able to:	
B 1	Study organisms in the field using basic survey techniques
B 2	Apply basic ecological theory to real world problems

Attributes:	
C1	Engage critically with knowledge – acquire and apply knowledge in a rigorous way
C2	Engage critically with knowledge – connect information and ideas within their field of study
C3	Learn continuously in a changing world - use quantitative data confidently and competently
C4	Research capacity - produce analyses which are grounded in evidence
C5	Research capacity - work individually and in collaboration with others

4) Reading List

Provide an indicative reading list for the module. This should include key texts and/or journals but **should not** be an exhaustive list of materials.

Ecology: from individuals to ecosystems – Begom, Michael, Townsend, Colin R., Harper, John L., NetLibrary, Inc, 2006

5) Teaching and Learning Profile

Provide details of the method of delivery (lectures, seminars, fieldwork, practical classes, etc.) used to enable the achievement of learning outcomes and an indicative number of hours for each activity to give an overall picture of the workload a student taking the module would be expected to undertake. This information will form the Key Information Set for each undergraduate programme and will be used to populate the KIS widget found on the QMUL programme information pages. More information can be found [online](#) about KIS. You may also wish to refer to the [QAA guidance on contact hours](#) when completing this section.

Activity Type	KIS Category	Time Spent (in hours)
Lecture	Scheduled	22
Workshop	Scheduled	4
Fieldwork	Scheduled	50
Total		77

Specify the total module notional study hours. This should be a total of the hours given for each activity. The notional study hours for each academic credit point is 10. A 15 credit point module therefore represents 150 notional study hours.

Activity Type	Total Time Spent (in hours)	Percentage of Time Spent
Scheduled learning and teaching	76	49
Placement	0	0
Independent Study	78	51
Total	150	100

Use the information provided in the box above to specify the total time spent and the percentage time spent in each category of teaching and learning activity.

6) Assessment Profile

Provide details of the assessment methods used to assess the achievement of learning outcomes.

Description of Assessment	Assessment Type	KIS Category	Duration/Length	Percentage Weighting	Final element of assessment	Qualifying Mark
Coursework	Fieldwork write-ups (3 elements)	Coursework		40%	No	
Examination	Written Exam	Written	1.5 Hours	60%	Yes	

Final element of assessment: The assessment that takes place last. **There should normally be only one element of assessment marked as final unless two assessment or submission dates occur on the same day.**

Qualifying mark: A specified minimum mark that must be obtained in one or more elements of assessment in order to pass a module. **This is in addition to, and distinct from, the requirement to achieve a pass in the module mark to pass the module.**

Reassessment

Provide details of the reassessment methods used, specifying whether reassessment is either standard reassessment or synoptic reassessment.

- Standard Reassessment Synoptic Reassessment

Synoptic reassessment details (if you have indicated synoptic reassessment above, please give details)		
Brief Description of Assessment	Assessment Type	Duration/Length of Examination/ Coursework
Resit Examination	Written Exam	1.5 Hours