## KentVision Code and title of the module

WCON5390 Applied Ecology and Conservation

## Division and School/Department or partner institution which will be responsible for management of the module

Human and Social Sciences, School of Anthropology and Conservation

## The level of the module (Level 4, Level 5, Level 6 or Level 7)

Level 5

## The number of credits and the ECTS value which the module represents

15 credits (7.5 ECTS)

## Which term(s) the module is to be taught in (or other teaching pattern)

Autumn or Spring

## Prerequisite and co-requisite modules and/or any module restrictions

***Pre-requisite:***

* WCON3111 Principles in Biogeography and Ecology, or at the discretion of the module convenor.

Not available to Short Term Credit students.

This module will be restricted to a maximum of 40 students and is only available to **Stage 2** students.

## The course(s) of study to which the module contributes

***Optional to the following courses:***

* BSc Wildlife Conservation\*
* BSc Human Geography\*
* BA Environmental Social Sciences\*
* BA Environment and Sustainability

\*Inc. cognate courses

## The intended subject specific learning outcomes.On successfully completing the module students will be able to:

8.1 Gain in-depth knowledge of the ecological processes that define disturbed and undisturbed terrestrial ecosystems

8.2 Apply principles of population ecology and community ecology theory to inform ecological management decisions in a range of contexts (e.g. agriculture, forestry)

8.3 Demonstrate an understanding of key processes that underpin population biology, (e.g. population growth, density-dependent and density-independent factors), and apply this to challenges in animal population management

8.4 Appreciate how ecological theory can inform conservation practice, and better understand the threats to biodiversity from habitat loss, invasive species, and climate change.

## The intended generic learning outcomes.On successfully completing the module students will be able to:

9.1 Make effective use of information sources

9.2 Communicate succinctly the subject matter of practical tasks.

9.3 Understand and explain the theoretical, technical or applied dimensions of a problem.

9.4 Work independently, manage their own learning and development, including time management and organisational skills.

## A synopsis of the curriculum

This module explores the ways in which ecological science can be applied to solving some of the crucial problems facing the world today, including those affecting wildlife conservation. It covers key ecological principles at the population, community and ecosystem levels, and investigates how these principles can help guide management decisions, policy and environmental practice. A major theme is how natural resources can be managed and exploited sustainably, drawing on examples from agriculture, urbanisation, and forestry in temperate and tropical regions. Central to the module is the question of how wildlife conservation can be better incorporated into the wider needs of environmental management.

## Reading list

The University is committed to ensuring that core reading materials are in accessible electronic format in line with the Kent Inclusive Practices.

The most up to date reading list for each module can be found on the [reading list pages](https://kent.rl.talis.com/index.html).

## Contact Hours

Private Study: 126

Contact Hours: 24

Total: 150

## Assessment methods

* 1. Main assessment methods

Critical Writing Assignment (2,500 words) 50%

Field report (2,500 words) 50%

13.2 Reassessment methods

Reassessment instrument: 100% Coursework

## Map of module learning outcomes (sections 8 & 9) to learning and teaching methods and methods of assessment (section 13)

**Module learning outcomes against learning and teaching methods:**

| Module learning outcome | 8.1 | 8.2 | 8.3 | 8.4 | 9.1 | 9.2 | 9.3 | 9.4 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Private Study | X | X | X | X | X | X | X | X |
| Lectures/practical activity | X | X | X | X | X | X | X |  |

**Module learning outcomes against assessment methods:**

| Module learning outcome | 8.1 | 8.2 | 8.3 | 8.4 | 9.1 | 9.2 | 9.3 | 9.4 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Critical writing assignment | X | X | X | X | X | X | X | X |
| Field report  | X | X | X | X | X | X | X | X |

## Inclusive module design

The Division recognises and has embedded the expectations of current equality legislation, by ensuring that the module is as accessible as possible by design. Additional alternative arrangements for students with Inclusive Learning Plans (ILPs)/declared disabilities will be made on an individual basis, in consultation with the relevant policies and support services.

The inclusive practices in the guidance (see Annex B Appendix A) have been considered in order to support all students in the following areas:

a) Accessible resources and curriculum

b) Learning, teaching and assessment methods

## Campus(es) or centre(s) where module will be delivered

Canterbury

## Internationalisation

The module covers applied ecology of a range of ecosystems worldwide and the threats facing them. The module is a pre-requisite for WCON5350 tropical ecology that is taught exclusively at a field site in Borneo. The subject content and module activities concern temperate and tropical countries.

**DIVISIONAL USE ONLY**

**Module record – all revisions must be recorded in the grid and full details of the change retained in the appropriate committee records.**

| Date approved | New/Major/Minor revision | Start date of delivery of (revised) version | Section revised (if applicable) | Impacts PLOs (Q6 & 7 cover sheet) |
| --- | --- | --- | --- | --- |
| 08.11.22 | Minor | September 2023 | 6, 7, 11, 17 | No |
|  |  |  |  |  |