1. **Title of the module**

BICC3300 (BI330) Surveying Wildlife for Conservation

1. **School or partner institution which will be responsible for management of the module**

School of Biosciences/East Kent College Group

1. **The level of the module (Level 4, Level 5, Level 6 or Level 7)**

Level 5

1. **The number of credits and the ECTS value which the module represents**

15 credits (7.5 ECTS)

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

Autumn & Spring & Summer

1. **Prerequisite and co-requisite modules**

None

1. **The programmes of study to which the module contributes**

HND Animal Biology and Wildlife Conservation

1. **The intended subject specific learning outcomes.  
   On successfully completing the module students will be able to:**
2. Understand the aim and purpose of surveying wildlife for conservation
3. Plan and conduct a wildlife survey using sound techniques and methods
4. Critically evaluate wildlife surveys
5. Identify and discuss the conservation of animal taxa and vegetation communities based on survey data
6. **The intended generic learning outcomes.  
   On successfully completing the module students will be able to:**
7. Apply underlying concepts and principles in a different context from which they were first studied
8. Critically analyse information and utilise the results of that analysis
9. Demonstrate numeracy and quantitative skills
10. Use established techniques to undertake critical analysis and propose solutions to problems
11. Exercise sound judgement
12. **A synopsis of the curriculum**

This module enables students to formulate effective strategies and methods for conducting effective wildlife surveys for conservation. The module provides them with an understanding of the principles of wildlife conservation through the use of effective wildlife surveys. It will establish and encourage knowledge and understanding of the link between habitat, habitat management and protection and wildlife conservation.

Students will discover and experience the planning of and implementation of a wildlife survey. They will critically evaluate survey techniques and identify how data from surveys can be utilised to conserve animal taxa and vegetation communities.

Students will complete practical wildlife surveys developed through a range of local area, relevant conservation related concerns. The wildlife survey project will be linked to a local wildlife conservation centre, and may react to a specific wildlife survey need, allowing student to develop real wildlife survey/employment experience.

1. **Reading list (Indicative list, current at time of publication. Reading lists will be published annually)**

Jepson (2010) *Conservation a Beginners Guide* Oneworld Publications

Groom M J, Meffe G K and Carroll C R, (2012) *Principals of Conservation Biology,* 3rd Revised Ed, Sinauer

MacKenzie D, Nichols J, Royle J, Pollock K, Bailey L, Hines J (2005) *Occupancy Estimation and Modelling: Inferring Patterns and Dynamics of Species Occurrence* Academic Press

McNeely J A and Scherr S J, (2002) *Ecoagriculture - Strategies to Feed the World and Save Wild Biodiversity,* Island Press

Oldfield, S (ed) (2013) *The Trade in Wildlife – Regulations for Conservation,* Routledge

Pullins A S, (2002) *Conservation Biology,* Cambridge University Press

Williams B et al, (2002) *Analysis and Management of Animal Populations,* Academic Press

1. **Learning and teaching methods**

Total contact hours: 45

Private study hours: 105

Total study hours: 150

1. **Assessment methods**
   1. Main assessment methods

Written survey report (3,000 words) - 100%

13.2 Reassessment methods

Like for like

1. ***Map of module learning outcomes (sections 8 & 9) to learning and teaching methods (section12) and methods of assessment (section 13)***

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Module learning outcome** | *8.1* | *8.2* | *8.3* | *8.4* | *9.1* | *9.2* | *9.3* | *9.4* | *9.5* |
| **Learning/ teaching method** |  |  |  |  |  |  |  |  |  |
| **Private Study** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| *Lectures* | **x** |  | **x** | **x** | **x** |  |  |  | **x** |
| *Seminars* | **x** |  |  |  | **x** | **x** | **x** |  | **x** |
| *Workshops* |  | **x** |  | **x** | **x** |  | **x** |  | **x** |
| **Assessment method** |  |  |  |  |  |  |  |  |  |
| *Report* | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |

1. **Inclusive module design**

The Partner Institution 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

1. **Campus(es) or centre(s) where module will be delivered**

Canterbury College

1. **Internationalisation**

International biodiversity network and many surveying organisations globally are fundamental to the research carried out by the students. Wildlife conservation is a globally effort to protect and conserve species across the world. Students are encouraged to consider these issues in a range of international perspectives including: breeding, ethics relating to different cultures, laws and religions. The effects of wildlife conservation on the environment, through climate change, war, poverty, over populations is researched within this scientific and practical module.

1. **Partner College/Validated Institution**

East Kent College Group

1. **University School responsible for the programme**

School of Biosciences

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date approved | Major/minor revision | Start date of the delivery of revised version | Section revised | Impacts PLOs (Q6&7 cover sheet) |
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Revised FSO Feb 2018