

<b>BSc (Hons) Wildlife Conservation &amp; Ecology</b>
<i>Level 4 (Year 1)</i>
<b>BI4144 - Wildlife Ecology</b> explores how animals interact with their environment and how animal behaviour is shaped by external factors and stimuli.
<b>BI4142 - Principles of Evolutionary Biology</b> is an introduction to basic principles and concepts in genetics and evolution, and lays the foundations for understanding the genetic basis of behaviour, form and function through evolution, specifically natural selection.
<b>BI4140 - Observational Techniques &amp; Data Handling</b> aims to provide you with an introduction to the fundamental ideas of statistics, show you how statistical techniques may be applied to a variety of scenarios in animal behaviour, and develop your skills in data recording, handling and analysis.
<b>BI4136 - Conservation Biology &amp; Biodiversity</b> aims to introduce you to the diversity of life, including how life has evolved, current global trends in biodiversity, and the management strategies involved in the maintenance and persistence of global biodiversity.
<b>BI4138 - Ecological Survey &amp; Census Skills</b> aims to give you substantial practical experience in conducting a variety of ecological census techniques across a diverse range of taxonomic groups and botanical types.
<b>BI4137 - Conservation of British Habitats</b> aims to develop your ability to investigate and evaluate a range of habitats found in the UK, such as heaths, moorlands, woodlands, grasslands and wetlands, and to evaluate and actively manage site plans of special requirement habitats.
<i>Level 5 (Year 2)</i>
<b>BI5910 - Research Methods</b> will introduce you to the process of research and develop your skills in development of research projects in a subject-specific context.
<b>BI5911 - Behavioural Ecology*</b> will develop your understanding of evolutionary and ecological theory in the interpretation and prediction of animals' behaviour, with a focus on the behaviour of animals in the wild.
<b>BI5139 - Technological Advancements in Conservation*</b> aims to enhance students bespoke skills in their knowledge and application of a range of relevant conservation technologies, including Geographical Information Systems (GIS), camera trapping and drones.
<b>BI5133 - Population &amp; Community Ecology &amp; Management</b> aims to develop your understanding of population ecology, including population growth, species interactions within populations, factors associated with population regulation, and the strategies employed for population management under a variety of conditions.
<b>BI5130 - Animal Ecophysiology*</b> shows how specialised physiological systems have allowed animals to adapt to virtually every environment, including in extreme environments such as hot/dry habitats, cold habitats and at high altitudes. It also looks at the impact of these adaptation on conservation.

**BI5132 - Marine & Freshwater Habitat Conservation\*** aims to enable you to introduce examples of fauna and flora found in a range of wetland habitats, and develop and evaluate conservation strategies for wetland habitats.

**BI5134 - Wildlife Health & Rehabilitation** aims to introduce you to the basics of triage and treating the common injured native wildlife, and gain an understanding of the ethical and legal considerations in handling, restraint and examination of wildlife patients.

**BI5909 - Experiential Learning** \*aims to develop core transferable skills by undertaking overseas study, which includes the opportunity to reflect on meaningful work undertaken as part of the placement

**WB5101 - Work Based Learning\*** is designed for you to express a preference for a particular field of industry, and then be located with a local employer to undertake meaningful work, normally in an area related to wildlife conservation.

#### **Level 6 (Year 3)**

**BI6154 - Dissertation \*** is a double module where you will pursue your own research project while working closely with a tutor who has research expertise in this area.

**BI6164 - Research Project\*** is a smaller, one module equivalent alternative to the dissertation module, where you will be able to demonstrate your research competencies through the completion of a research project.

**BI6140 - Applied Issues in Wildlife Conservation** aims to develop your in-depth knowledge of current topics in conservation biology, plus enable you to critically examine current issues in wildlife preservation and evaluate a range of techniques and approaches employed in the study of conservation monitoring and management.

**BI6175 - Biology & Conservation of Aquatic Organisms\*** aims to enable you to develop knowledge and understanding of the biology and conservation of all aquatic organisms, including marine and freshwater mammals, fish and invertebrates. Furthermore, you will have opportunity to examine the methods employed to manage these species for conservation purposes.

**BI6142 - Biology & Conservation of Mammals\*** aims to enable you to understand biodiversity and conservation implications of the class Mammalia, plus examine the diagnostic characteristics of mammals and their phylogenetic relationships and interactions with their environment in relation to the conservation and management of mammalian taxa.

**BI6141 - Biology & Conservation of Herpetofauna\*** aims to develop your understanding of the behaviour and ecology of the Amphibia and Reptilia classes, and introduce you to the conservation requirements of herpetofaunal species.

**BI6177 - Scientific Communication & Zoo Education\*** examines the role of zoos in educating a range of audiences regarding pertinent conservation issues. This will also include the methods in which this information is conveyed and delivered, but also how scientific communication is used to inform, consult and persuade audiences.

**BI6178 - Marine Ecosystems: Policy & Management\*** will develop your understanding of conservation policy, specific to the marine environment, in terms of the process (including creation and implementation). This module will also place emphasis on the value of marine ecosystems, and how they are utilised and managed in an historical, present and future context.

**BI6181 - Wildlife in the Media\*** will provide you with the unique opportunity to examine the wildlife media industry, analyse the psychology behind the use of animals in media and the issues surrounding the misrepresentation of species through media pathways. The module also aims to develop your skills in wildlife photography and film-making within a practical context.

**BI6179 - Applications of Animal Behaviour for Conservation\*** examines the inter-disciplinary approach towards utilising knowledge and understanding of animal behaviour to aid species conservation.