



### MODULE SPECIFICATION

Part 1: Information			
Module Title	Primate Ecology and Conservation		
Module Code	USSK56-15-3	Level	3
For implementation from	September 2018		
UWE Credit Rating	15	ECTS Credit Rating	7.5
Faculty	HAS	Field	Applied Sciences
Department	Department of Applied Sciences		
Contributes towards	BSc Biological Sciences BSc Biological Sciences (with Foundation Year) MSci Biological Sciences MSci Biological Sciences (with Foundation Year) BSc Wildlife Ecology & Conservation Science BSc Wildlife Ecology and Conservation Science (with Foundation Year) MSci Wildlife Ecology and Conservation Science MSci Wildlife Ecology and Conservation Science (with Foundation Year) BSc Integrated Wildlife Conservation		
Module type:	Standard		
Pre-requisites	USSK5H-30-2 Wildlife Ecology or USSKAJ-15-2 Animal Behaviour for Wildlife Conservation.		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	N/A		

Part 2: Description
<p>This module is designed to introduce students to the discipline of Primatology. The Primate order is a diverse group of mammals which includes lemurs, lorises, galagos, tarsiers, monkeys, apes and humans. The non-human primates are our closest living relatives and the study of these animals offers us a unique glimpse into our own evolution. Additionally, many primate species are important seed dispersers and have a key role in the regeneration of tropical forests. Their close genetic relationship to us and general appeal means many primates are also important flagship species and are used to gain attention and funding for broader conservation initiatives. Despite all of this, numerous populations are under threat and a significant number of primate species are at risk of extinction. Consequently, primatology is an interdisciplinary subject with specialists from areas as diverse as Anthropology, Zoology, Psychology, Conservation Biology and Ecology.</p> <p>On this module, you will learn about the diversity and evolution of primates, their adaptations to different habitats and ecological niches and their socioecology and conservation needs. You will also be introduced to a variety of methods used to collect and analyse data in primate studies.</p>

The module is delivered entirely at Bristol Zoo by active field primatologists of the Bristol Zoological Society (BZS). As such, students will be able to make extensive use of Bristol Zoo's expertise in field and captive primate behaviour, ecology and conservation, and learn by observing the zoo's collection of captive primates. They will also learn about the current primate conservation work of the zoo in field projects in Madagascar, Cameroon and Tanzania, which will be used as real-world case-studies to support learning. Consequently, interactive lecture sessions will be used for delivery and interacting with the students. These interactive sessions will include debates, discussion on case studies and problem based learning activities.

### Part 3: Assessment: Strategy and Details

The Assessment Strategy has been designed to take full advantage of the facilities offered by Bristol Zoo for studying primate ecology, whilst ensuring that the module Learning Outcomes are attained and are designed to compliment other assessments on the programme.

The coursework assessment consists of an extended piece of literature review and research designed to test the knowledge gained in the understanding of the link between diet, ecology, behaviour and conservation, which requires the use of critical appraisal skills expected of students in the final year of their undergraduate degrees. Word limit 2,500 words. This assessment has been designed as appropriate for skills development by Bristol Zoological Society, an employer in this field.

The controlled component is a viva voce which will be completed within the assessment period. The viva will be related to the learning outcome that asks students to evaluate the state of the environment in the major primate habitat regions in relation to species requirements and habitat conservation. It will be based on current conservation threats facing primates at the time of the course in order to be relevant to the issues facing the primate conservation industry/community. The viva will be 15 minutes in length.

This assessment has been designed as appropriate for skills development by Bristol Zoo Gardens, an employer in this field. Formative feedback is available to students throughout the module through group discussions, skills evaluations, etc. built into the lecture and practical programme. Students are provided with formative feedback for their viva through in-class working groups and through support materials through Blackboard.

Identify final timetabled piece of assessment (component and element)	None	
% weighting between components A and B (Standard modules only)	<b>A:</b>	<b>B:</b>
	<b>40</b>	<b>60</b>
<b>First Sit</b>		
<b>Component A (controlled conditions)</b> <b>Description of each element</b>	<b>Element weighting (as % of component)</b>	
1. Viva (15 minutes, in assessment period)	100	
<b>Component B</b> <b>Description of each element</b>	<b>Element weighting (as % of component)</b>	
1. Written assignment (2500 words)	100	
<b>Resit (further attendance at taught classes is not required)</b>		
<b>Component A (controlled conditions)</b> <b>Description of each element</b>	<b>Element weighting (as % of component)</b>	
1. Viva (15 minutes, in assessment period)	100	
<b>Component B</b> <b>Description of each element</b>	<b>Element weighting (as % of component)</b>	
1. Written assignment (2500 words)	100	

<b>Part 4: Learning Outcomes &amp; KIS Data</b>																										
Learning Outcomes	<p>On successful completion of this module students will be able to:</p> <ul style="list-style-type: none"> <li>demonstrate an advanced understanding of primate taxonomic diversity and primate evolution and be able to relate primate adaptations to the evolution and ecology of the four major primate habitat regions (Africa, Madagascar, Asia, Neotropics) (assessed in Component B)</li> <li>critically discuss the role of primate nutritional ecology and predation on primates as the main selection pressures influencing primate behaviour (assessed in Component B);</li> <li>review primate social behaviour, primate social systems and their ecological basis (assessed in Component B);</li> <li>evaluate the state of the environment in the major primate habitat regions in relation to species requirements and habitat conservation (assessed in Component A);</li> <li>use a wide range of resources that support primate research methods and problem solving (assessed in Component B).</li> </ul>																									
Key Information Sets Information (KIS)	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="5" style="text-align: left;"><b>Key Information Set - Module data</b></th> </tr> </thead> <tbody> <tr> <td colspan="5"><i>Number of credits for this module</i></td> </tr> <tr> <td colspan="4"></td> <td style="text-align: center; border: 2px solid black;">15</td> </tr> <tr> <th style="width: 15%;">Hours to be allocated</th> <th style="width: 20%;">Scheduled learning and teaching study hours</th> <th style="width: 20%;">Independent study hours</th> <th style="width: 20%;">Placement study hours</th> <th style="width: 25%;">Allocated Hours</th> </tr> <tr> <td style="text-align: center;">150</td> <td style="text-align: center;">36</td> <td style="text-align: center;">114</td> <td style="text-align: center;">0</td> <td style="text-align: center;">150</td> </tr> </tbody> </table>	<b>Key Information Set - Module data</b>					<i>Number of credits for this module</i>									15	Hours to be allocated	Scheduled learning and teaching study hours	Independent study hours	Placement study hours	Allocated Hours	150	36	114	0	150
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Contact Hours	<p>The table below indicates as a percentage the total assessment of the module which constitutes a;</p> <p><b>Controlled conditions:</b> Viva voce (15 minutes oral session in class)  <b>Coursework:</b> Written assignment (2,500 words)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: left;">Total assessment of the module:</th> </tr> </thead> <tbody> <tr> <td>Viva percentage</td> <td style="text-align: center;">40%</td> </tr> <tr> <td>Coursework assessment percentage</td> <td style="text-align: center;">60%</td> </tr> <tr> <td></td> <td style="text-align: center;">100%</td> </tr> </tbody> </table>	Total assessment of the module:		Viva percentage	40%	Coursework assessment percentage	60%		100%																	
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Reading List	<p>Key text for the course:</p> <p>Strier, K. 2016. Primate Behavioural Ecology, 5th Edition. New York, NY: Routledge. (available in BZS library reserve, UWE library as an e-copy)</p> <p>Suggested reading list (all books available in BZS library):  Cowlshaw G. Primate conservation biology. Chicago, IL: The University of Chicago Press.</p> <p>Fleagle JG. Primate adaptation and evolution. 2<sup>nd</sup> edition. Academic Press Inc</p>																									

	<p>Garber PA, Estrada A, Bicca-Marques JC, Heymann EW. South American primates: Comparative perspectives in the study of behavior, ecology and conservation. Springer.</p> <p>Groves CP. Primate taxonomy. Washington, DC: Smithsonian. Gould L, Sauther ML. Lemurs - ecology and adaptation. Springer.</p> <p>Hohmann G, Robbins MM, Boesch C. Feeding ecology of apes and other primates. Cambridge, UK: Cambridge University Press.</p> <p>Kappeler PM, Ganzhorn JU. Lemur social systems and their ecological basis. New York, NY: Plenum Press.</p> <p>Lee PC. Comparative primate socioecology. Cambridge University Press.</p> <p>Mitani J, Call J, Kappeler PM, Palombit R. The evolution of primate societies. Chicago, IL: The University of Chicago Press.</p> <p>Key Journals for reference:                  Primates                  African Primates (open access online) Neotropical Primates (open access online) Asian Primates (open access online) Lemur News (open access online)                  Folia Primatologica                  International Journal of Primatology American Journal of Primatology                  Primate Conservation (open access online)</p>
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First CAP Approval Date	19 June 2013		
Revision ASQC Approval Date	17 January 2018	Version	2