



## Module Descriptor

<b>Title</b>	Animal Behaviour		
<b>Session</b>	2024/25	<b>Status</b>	
<b>Code</b>	BIOL08027	<b>SCQF Level</b>	8
<b>Credit Points</b>	20	<b>ECTS (European Credit Transfer Scheme)</b>	10
<b>School</b>	Health and Life Sciences		
<b>Module Co-ordinator</b>	Claire Branston		
<b>Summary of Module</b>			
<p>This module deals with a range of key concepts that are important in the study of animal behaviour.</p> <p>The module begins with providing background on the fundamental concepts in animal behaviour including natural selection, the influence of genetics on behaviour and the concept of the selfish gene. The course then builds on this background to cover important areas of study within the field and classes focus on orientation, navigation and migration, social groups, foraging behaviours, sexual strategies and communication.</p> <p>Practical work associated with the module is comprised of a mixture of lab based work, computer labs as well as written assignments. Students develop practical techniques as well as numeracy and writing skills that are a vital component of this field of biology.</p>			

<b>Module Delivery Method</b>	<b>On-Campus<sup>1</sup></b>	<b>Hybrid<sup>2</sup></b>	<b>Online<sup>3</sup></b>	<b>Work -Based Learning<sup>4</sup></b>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Campuses for Module Delivery</b>	<input type="checkbox"/> Ayr <input type="checkbox"/> Dumfries	<input checked="" type="checkbox"/> Lanarkshire <input type="checkbox"/> London <input type="checkbox"/> Paisley	<input type="checkbox"/> Online / Distance Learning <input type="checkbox"/> Other (specify)	

<sup>1</sup> Where contact hours are synchronous/ live and take place fully on campus. Campus-based learning is focused on providing an interactive learning experience supported by a range of digitally-enabled asynchronous learning opportunities including learning materials, resources, and opportunities provided via the virtual learning environment. On-campus contact hours will be clearly articulated to students.

<sup>2</sup> The module includes a combination of synchronous/ live on-campus and online learning events. These will be supported by a range of digitally-enabled asynchronous learning opportunities including learning materials, resources, and opportunities provided via the virtual learning environment. On-campus and online contact hours will be clearly articulated to students.

<sup>3</sup> Where all learning is solely delivered by web-based or internet-based technologies and the participants can engage in all learning activities through these means. All required contact hours will be clearly articulated to students.

<sup>4</sup> Learning activities where the main location for the learning experience is in the workplace. All required contact hours, whether online or on campus, will be clearly articulated to students

<b>Terms for Module Delivery</b>	Term 1	<input checked="" type="checkbox"/>	Term 2	<input type="checkbox"/>	Term 3	<input type="checkbox"/>
<b>Long-thin Delivery over more than one Term</b>	Term 1 – Term 2	<input type="checkbox"/>	Term 2 – Term 3	<input type="checkbox"/>	Term 3 – Term 1	<input type="checkbox"/>

<b>Learning Outcomes</b>	
<b>L1</b>	Evaluate a range of concepts that describe how animals behave throughout their life.
<b>L2</b>	Evaluate a range of behavioural mechanisms by which animals adapt to their environment.
<b>L3</b>	Demonstrate skills required to conduct scientifically meaningful studies of animal behaviour.
<b>L4</b>	N/A
<b>L5</b>	N/A

<b>Employability Skills and Personal Development Planning (PDP) Skills</b>	
<b>SCQF Headings</b>	<b>During completion of this module, there will be an opportunity to achieve core skills in:</b>
<b>Knowledge and Understanding (K and U)</b>	<b>SCQF 8</b> Understanding of the key concepts involved in the study of animal behaviour (selfish gene, inclusive fitness, Evolutionary Stable Strategies, sexual selection, etc).
<b>Practice: Applied Knowledge and Understanding</b>	<b>SCQF 8</b> Engage with practical investigation of animal behaviour in a range of situations to appreciate the challenges involved and how these may be dealt with in a conclusive manner.
<b>Generic Cognitive skills</b>	<b>SCQF 8</b> Undertake critical analysis of lecture materials during consideration of online questions and analysis of practical investigations.
<b>Communication, ICT and Numeracy Skills</b>	<b>SCQF 8</b> Work in groups to undertake practical investigations, appreciate the use of the Null hypothesis in statistical analysis of behavioural questions.
<b>Autonomy, Accountability and Working with Others</b>	<b>SCQF 8</b> Solve problems in teams and on own initiative. Engage with a range of ethical issues associated with the ‘use’ of animals by mankind.

<b>Prerequisites</b>	<b>Module Code</b>	<b>Module Title</b>
	<b>Other</b>	
<b>Co-requisites</b>	<b>Module Code</b>	<b>Module Title</b>

<b>Learning and Teaching</b>
In line with current learning and teaching principles, a 20-credit module includes 200 learning hours, normally including a minimum of 36 contact hours and maximum of 48 contact hours.

<b>Learning Activities</b>	<b>Student Learning Hours</b>
During completion of this module, the learning activities undertaken to achieve the module learning outcomes are stated below:	(Note: Learning hours include both contact hours and hours spent on other learning activities)
Lecture / Core Content Delivery	24
Laboratory / Practical Demonstration / Workshop	12
Tutorial / Synchronous Support Activity	12
Independent Study	152
n/a	n/a
n/a	n/a
<b>TOTAL</b>	<b>200</b>

<b>Indicative Resources</b>
<p><b>The following materials form essential underpinning for the module content and ultimately for the learning outcomes:</b></p> <p>The following materials form essential underpinning for the module content and ultimately for the learning outcomes:</p> <p>Web-based handouts, lecture notes, practical support. See course on module VLE.</p> <p>Practical work: Animal behaviour practical schedules.</p> <p>Chris Barnard, 2003 Animal Behaviour: Mechanism, Development, Ecology and Evolution Paperback Prentice Hall, ISBN-10: 0130899364</p> <p>Peter Slater, 1999 Essentials of Animal Behaviour, Cambridge University Press, ISBN: 0521629969</p>
<p><b>(N.B. Although reading lists should include current publications, students are advised (particularly for material marked with an asterisk*) to wait until the start of session for confirmation of the most up-to-date material)</b></p>

<b>Attendance and Engagement Requirements</b>
<p><b>In line with the <a href="#">Student Attendance and Engagement Procedure</a>, Students are academically engaged if they are regularly attending and participating in timetabled on-campus and online teaching sessions, asynchronous online learning activities, course-related learning resources, and complete assessments and submit these on time.</b></p> <p><b>For the purposes of this module, academic engagement equates to the following:</b></p> <p>The university is committed to providing a supportive learning environment that actively facilitates student success. In this module, there is a high degree of student-led flexibility. You are academically engaged if you are regularly engaged with scheduled live sessions on-campus, including engaging with online learning activities in your own time, course-related learning resources, and with timely completion and submission of assessments.</p> <p>Whilst we understand that there may be times when conflicting priorities make participation challenging, for you to gain the most from this module it is recommended that you participate</p>

in all scheduled live classes and complete your self-directed learning activities in a timely manner.

It may be difficult to pass the assessment associated with this module if you are not regularly engaging with the module work and live classes. We may reach out to check how things are going and offer support if we observe that you have not been attending sessions or completing online activities.

### Equality and Diversity

**The University's Equality, Diversity and Human Rights Procedure can be accessed at the following link: [UWS Equality, Diversity and Human Rights Code](#).**

In line with current legislation (Equality Act, 2010) and the UWS Equality, Diversity, and Human Rights Code, our modules are accessible and inclusive, with reasonable adjustment for different needs where appropriate. Module materials comply with University guidance on inclusive learning and teaching, and specialist assistive equipment, support provision and adjustment to assessment practice will be made in accordance with UWS policy and regulations. Where modules require practical and/or laboratory based learning or assessment required to meet accrediting body requirements the University will make reasonable adjustment such as adjustable height benches or assistance of a 'buddy' or helper.

**(N.B. Every effort will be made by the University to accommodate any equality and diversity issues brought to the attention of the School)**

### Supplemental Information

<b>Divisional Programme Board</b>	<b>Biological Sciences Health</b>
<b>Overall Assessment Results</b>	<input type="checkbox"/> Pass / Fail <input checked="" type="checkbox"/> Graded
<b>Module Eligible for Compensation</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <b>If this module is eligible for compensation, there may be cases where compensation is not permitted due to programme accreditation requirements. Please check the associated programme specification for details.</b>
<b>School Assessment Board</b>	Biology L7-11
<b>Moderator</b>	Richard Thacker
<b>External Examiner</b>	John Spicer
<b>Accreditation Details</b>	N/A
<b>Module Appears in CPD catalogue</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Changes / Version Number</b>	

### Assessment (also refer to Assessment Outcomes Grids below)

#### Assessment 1

Class test (written)

#### Assessment 2

Class test (written)

#### Assessment 3

Laboratory/Clinical/Field Notebook

(N.B. (i) Assessment Outcomes Grids for the module (one for each component) can be found below which clearly demonstrate how the learning outcomes of the module will be assessed.

(ii) An indicative schedule listing approximate times within the academic calendar when assessment is likely to feature will be provided within the Student Module Handbook.)

**Component 1**

Assessment Type	LO1	LO2	LO3	LO4	LO5	Weighting of Assessment Element (%)	Timetabled Contact Hours
Class test (written)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	60	0

**Component 2**

Assessment Type	LO1	LO2	LO3	LO4	LO5	Weighting of Assessment Element (%)	Timetabled Contact Hours
Class test (written)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14	12
Laboratory/Clinical/Field Notebook	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	26	14

**Component 3**

Assessment Type	LO1	LO2	LO3	LO4	LO5	Weighting of Assessment Element (%)	Timetabled Contact Hours
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Combined total for all components</b>						100%	26 hours

**Change Control**

What	When	Who