



**CORPORATE AND ACADEMIC SERVICES**

**MODULE SPECIFICATION**

| Part 1: Basic Data    |   |                           |                         |             |    |
|-----------------------|---|---------------------------|-------------------------|-------------|----|
| Module Title          | Developments in Animal Science  |                           |                         |             |    |
| Module Code           | UINV3G-15-3   | Level                     | 3                       | Version     | 1  |
| UWE Credit Rating     | 15  | ECTS Credit Rating        | 7.5                     | WBL module? | No |
| Owning Faculty        | Hartpury  | Field                     | Animal and Land Science |             |    |
| Department            | Animal and Land   | Module Type               | Standard                |             |    |
| Contributes towards   | BSc (Hons) Animal Behaviour and Welfare<br>BSc (Hons) Animal Management (Top up)<br>BSc (Hons) Animal Science<br>BSc (Hons) Animal Science (SW)<br>BSc (Hons) Bioveterinary Science<br>BSc (Hons) Veterinary Nursing Science (SW) |                           |                         |             |    |
| Pre-requisites        | None  | Co- requisites            | None                    |             |    |
| Excluded Combinations | None  | Module Entry requirements | None                    |             |    |
| Valid From            | 01 September 2015   | Valid to                  | 01 September 2021       |             |    |

|                          |                  |
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| <b>CAP Approval Date</b> | 15 December 2014 |
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| Part 2: Learning and Teaching |   |
|-------------------------------|---|
| Learning Outcomes             | On successful completion of this module students will be able to: <ol style="list-style-type: none"> <li>1. Critically evaluate a range of developments in animal science. (A)</li> <li>2. Apply recent developments in animal science to a range of animal-based industries. (A)</li> <li>3. Integrate current theories and knowledge to develop novel solutions to industry-based problems. (A)</li> <li>4. Evaluate the importance of multi-discipline research in the field of animal science. (A)</li> </ol> |
| Syllabus Outline              | Given the nature of this module, in that it deals with current issues and developments, it is difficult to specify topics but the following aspects of the subject are likely to be covered: <ul style="list-style-type: none"> <li>• Nutrition</li> <li>• Reproductive technology</li> </ul>   |

|  | <ul style="list-style-type: none"> <li>• Supplementary therapies</li> <li>• Disease control and limitation</li> <li>• Behavioural research</li> <li>• Invasive species</li> <li>• Zoo based research</li> <li>• Climate change impacts</li> <li>• Biomechanics</li> </ul> <p>Topics will comprise a wide range of species, typically including livestock, wildlife, companion species and exotics.</p>   |  |                       |                       |   |                        |                                   |              |            |  |    |                       |   |                         |                       |                 |     |    |     |   |     |
|--|--|--|-----------------------|-----------------------|---|------------------------|-----------------------------------|--------------|------------|--|----|-----------------------|---|-------------------------|-----------------------|-----------------|-----|----|-----|---|-----|
| Contact Hours                              | <p>Indicative delivery modes:</p> <table border="0"> <tr> <td>• Lectures, guided learning, seminars etc.</td> <td style="text-align: right;">33</td> </tr> <tr> <td>• Self-directed study</td> <td style="text-align: right;">3</td> </tr> <tr> <td>• Independent learning</td> <td style="text-align: right;">114</td> </tr> <tr> <td><b>TOTAL</b></td> <td style="text-align: right;"><b>150</b></td> </tr> </table>   | • Lectures, guided learning, seminars etc. | 33                    | • Self-directed study | 3 | • Independent learning | 114                               | <b>TOTAL</b> | <b>150</b> |  |    |                       |   |                         |                       |                 |     |    |     |   |     |
| • Lectures, guided learning, seminars etc. | 33   |  |                       |                       |   |                        |                                   |              |            |  |    |                       |   |                         |                       |                 |     |    |     |   |     |
| • Self-directed study                      | 3  |  |                       |                       |   |                        |                                   |              |            |  |    |                       |   |                         |                       |                 |     |    |     |   |     |
| • Independent learning                     | 114  |  |                       |                       |   |                        |                                   |              |            |  |    |                       |   |                         |                       |                 |     |    |     |   |     |
| <b>TOTAL</b>                               | <b>150</b>   |  |                       |                       |   |                        |                                   |              |            |  |    |                       |   |                         |                       |                 |     |    |     |   |     |
| Teaching and Learning Methods              | <p>A variety of learning strategies will be used including lectures (33 hours) and self-directed study (3 hours). Students will be expected to engage in independent learning throughout the semester (114 hours). This module is supported by the VLE where students will be able to find all necessary module information. Direct links to information sources will also be provided from the VLE.</p> <p><b>Scheduled learning</b> includes lectures, seminars, tutorials, project supervision, demonstration, practical classes and workshops; fieldwork; external visits; work based learning; supervised time in studio/workshop.</p> <p><b>Independent learning</b> includes hours engaged with essential reading, case study preparation, assignment preparation and completion etc. These sessions constitute an average time per level as indicated in the table below. Scheduled sessions may vary slightly depending on the module choices you make.</p> <p><b>Virtual learning environment (VLE)</b><br/>This specification is supported by a VLE where students will be able to find all necessary module information. Direct links to information sources will also be provided from within the VLE.</p>  |  |                       |                       |   |                        |                                   |              |            |  |    |                       |   |                         |                       |                 |     |    |     |   |     |
| Key Information Sets Information           | <p>Key Information Sets (KIS) are produced at programme level for all programmes that this module contributes to, which is a requirement set by HESA/HEFCE. KIS are comparable sets of standardised information about undergraduate courses allowing prospective students to compare and contrast between programmes they are interested in applying for.</p> <table border="1" data-bbox="459 1458 1369 1845"> <thead> <tr> <th colspan="5">Key Information Set - Module data</th> </tr> <tr> <td colspan="4">Number of credits for this module</td> <td style="text-align: center;">15</td> </tr> <tr> <th>Hours to be allocated</th> <th>Scheduled learning and teaching study hours</th> <th>Independent study hours</th> <th>Placement study hours</th> <th>Allocated Hours</th> </tr> </thead> <tbody> <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> <p>The table below indicates as a percentage the total assessment of the module which constitutes a -</p> <p><b>Written Exam:</b> Unseen written exam, open book written exam, In-class test<br/> <b>Coursework:</b> Written assignment or essay, report, dissertation, portfolio, project<br/> <b>Practical Exam:</b> Oral Assessment and/or presentation, practical skills assessment,</p> | Key Information Set - Module data          |                       |                       |   |                        | Number of credits for this module |              |            |  | 15 | Hours to be allocated | Scheduled learning and teaching study hours | Independent study hours | Placement study hours | Allocated Hours | 150 | 36 | 114 | 0 | 150 |
| Key Information Set - Module data          |  |  |                       |                       |   |                        |                                   |              |            |  |    |                       |   |                         |                       |                 |     |    |     |   |     |
| Number of credits for this module          |  |  |                       | 15                    |   |                        |                                   |              |            |  |    |                       |   |                         |                       |                 |     |    |     |   |     |
| Hours to be allocated                      | Scheduled learning and teaching study hours  | Independent study hours                    | Placement study hours | Allocated Hours       |   |                        |                                   |              |            |  |    |                       |   |                         |                       |                 |     |    |     |   |     |
| 150  | 36   | 114  | 0                     | 150                   |   |                        |                                   |              |            |  |    |                       |   |                         |                       |                 |     |    |     |   |     |

practical exam

Please note that this is the total of various types of assessment and will not necessarily reflect the component and module weightings in the Assessment section of this module description:

|                                      |  |  |  |      |
|--------------------------------------|--|--|--|------|
| Total assessment of the module:      |  |  |  |      |
|                                      |  |  |  |      |
| Written exam assessment percentage   |  |  |  | 100% |
| Coursework assessment percentage     |  |  |  | 0%   |
| Practical exam assessment percentage |  |  |  | 0%   |
|                                      |  |  |  | 100% |

Reading Strategy

### Essential readings

Any essential reading will be indicated clearly, along with the method for accessing it, e.g. students may be required to purchase a set text, be given a print study pack or be referred to texts that are available electronically or in the Library. Module guides will also reflect the range of reading to be carried out.

### Further readings

Further reading will be required to supplement the set text and other printed readings. Students are expected to identify all other reading relevant to their chosen topic for themselves. They will be required to read widely using the library search, a variety of bibliographic and full text databases, and Internet resources. Many resources can be accessed remotely. The purpose of this further reading is to ensure students are familiar with current research, classic works and material specific to their interests from the academic literature.

### Access and skills

Formal opportunities for students to develop their library and information skills are provided within the induction period and study skills sessions. Additional support is available through online resources. This includes interactive tutorials on finding books and journals, evaluation information and referencing. Sign up workshops are also offered.

Indicative Reading List

The following list is offered to provide validation panels/accrediting bodies with an indication of the type and level of information students may be expected to consult. As such, its currency may wane during the life span of the module specification. However, as indicated above, CURRENT advice on readings will be available via other more frequently updated mechanisms.

Given the nature of this module, in that it deals with current issues and developments, it is difficult to specify reading material for this module. Detailed reading will be provided in the module guide and during lectures.

Websites and databases;

- The British Society of Animal Scientists [http://www.bsas.org.uk/animal\\_bytes/](http://www.bsas.org.uk/animal_bytes/)
- Centre for Agriculture and Biosciences International <http://www.cabi.org/>
- The Journal of Animal Science and Biotechnology <http://www.jasbsci.com/>

### Part 3: Assessment

|                            |  |
|----------------------------|--|
| <b>Assessment Strategy</b> | <p>This module is summatively assessed by a 2 hour written exam. The exam requires students to assess a given case study/dataset and also produce appropriate responses to questions on a range of topics in a timed environment, communicating clearly and professionally on a range of applied topics. Students will be assessed on their ability to analyse and critically evaluate a wide breadth and depth of information and produce novel solutions to a range of problems.</p> <p>Formative assessment and feedback will take place through timetabled seminars and tutorials.</p> <p>In line with the College's commitment to facilitating equal opportunities, a student may apply for alternative means of assessment if appropriate. Each application will be considered on an individual basis taking into account learning and assessment needs. For further information regarding this please refer to VLE.</p> |
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|  |                          |           |
|--|--------------------------|-----------|
| Identify final assessment component and element                                  | Written Examination      |           |
| % weighting between components A and B (Standard modules only)                   | <b>A:</b>                | <b>B:</b> |
|  | <b>100%</b>              | <b>0%</b> |
| <b>First Sit</b>   |                          |           |
| <b>Component A</b> (controlled conditions)<br><b>Description of each element</b> | <b>Element weighting</b> |           |
| 1. Written Examination (2 hour)  | 100%                     |           |

|   |                          |  |
|---|--------------------------|--|
| <b>Resit (further attendance at taught classes is not required)</b>   |                          |  |
| <b>Component A</b> (controlled conditions)<br><b>Description of each element</b>  | <b>Element weighting</b> |  |
| 1. Written Examination (2 hour)   | 100%                     |  |
| <p>If a student is permitted a retake of the module under the University Regulations and Procedures, the assessment will be that indicated by the Module Description at the time that retake commences.</p> |                          |  |