



ROYAL AGRICULTURAL UNIVERSITY, CIRENCESTER

PROGRAMME SPECIFICATION

**Fd Sc
Animal Science and Management 2015/2016**

NB

The information contained in this document is intended only as a guide to the programme. It does not constitute a legally binding document or contract between the individual and the Royal Agricultural University.

The information contained herein is correct at the time of going to print, but the University reserves the right to make changes to the structure of the programme, assessment methods, etc. at any time without prior notification. Any changes made however will be made known as soon as possible.

**Bridget Williams - Wiltshire College Lackham Programme Manager
Christopher Brough - RAU Link Tutor**

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1. Awarding institution	Royal Agricultural University (RAU)
2. Teaching institution	Wiltshire College, Lackham
3. Final award title(s)	FdSc Animal Science and Management
4. Academic level on Framework for Higher Education Qualifications (FHEQ)	Level 5
5. UCAS code(s)	D300
6. Relevant QAA Subject Benchmark Statement(s) and other reference points, e.g. FD qualification benchmark	QAA Foundation Degree Qualification Benchmark (2010) and Honours Degree Subject Benchmark Statements for Agriculture, Horticulture, Forestry, Food and Consumer Science (2009), and Veterinary Science (2002). Lantra's (Sector Skills Council for land-based and environmental industries) Animal Care and Welfare National Occupational Standards (2008).
7. Details of accreditation by a professional/statutory body	N/A
8. Mode of study	Full and part-time.
9. Language of study	English
10. Date of production/revision	September 2015
11. Educational aims of the programme	

This vocationally based programme aims to develop in its students the abilities to work in all veterinary businesses and related industries. Science is an integrated essential core of the programme and throughout the two years of studying students will be working with the Biological Sciences including chemistry and biochemistry, basic statistics, anatomy and physiology, zoology, ecology and ethology. Therefore it is minimum entry requirements that all students have a GCSE Science award at level C or above.

The primary aim of this programme is the development of students who on completion of the Foundation Degree will:

- Have the relevant practical, specialist and professional skills with underpinning knowledge and understanding to enable them to gain

employment as subject specialists within animal enterprises and the broader animal science industry or related allied occupations.

- Have an understanding of scientific concepts required in the study of animal science and its effect on the evolutionary process and genetic base, nutritional principles of animals, disease prevention and management, and physical wellbeing of animals that can be applied in practical contexts.
- Have an understanding of animal enterprise and animal industry economics, and the underpinning technical, economic and business principles.
- Understand legislative aspects affecting animal care and management at enterprise and industry level and the ethical issues related to exploitation of biological entities.
- Possess the ability to make ethically sound and scientifically informed qualitative and quantitative judgements on animal husbandry and management requirements, welfare and other animal issues.
- Elucidate the origin of species, biodiversity, ecosystems and behaviour.
- Understand the issues involved with regard to the protection of the environment and conservation of endangered species.
- Have the skills and knowledge for further progression in academic study.
- Have research, business, marketing, and communication, managerial and presentational skills that can be applied within the animal science industry.
- Be equipped with a range of transferable skills to include; intellectual, practical, numeracy, communication, ICT, interpersonal and teamwork, self-management and professional development.
- Have marketable and transferable skills to seek alternative employment in related industries.

12. Intended learning outcomes

This programme will produce students who, on completion of the Foundation Degree, can demonstrate knowledge as follows:

i. Knowledge and understanding

Students will be able to:

- A1. Understand the fundamental concepts, principles and theories of animal science.
- A2. Illustrate a comprehensive and detailed knowledge of animal science with areas of specialisation in depth (breeding, anatomy and physiology, ecology, nutrition and dietetics, health, chemistry and biochemistry, conservation, evolution and taxonomy, behaviour and genetics).
- A3. Elucidate the origin of species, biodiversity, genetics ecosystems and behaviour.
- A4. Understand the issues involved with regard to the protection of the environment and the conservation of endangered species.

ii. Intellectual skills

Students will be able to:

- B1. Be creative in the solution of problems and in the development of research activity.
- B2. Integrate and evaluate information from a variety of sources in order to gain a coherent understanding of theory and practice.
- B3. Analyse and evaluate innovative approaches to animal science.
- B4. Formulate and test hypotheses.
- B5. Apply professional judgement to balance risks, costs, benefits, safety, reliability, aesthetics and environmental impact.

iii. Practical / professional skills

Students will be able to:

- C1. Undertake competent, safe, evaluative, reflective and effective practice.
- C2. Analyse experimental results and determine their strength and validity.
- C3. Act autonomously, with minimal supervision or direction, within agreed guidelines.

iv. Transferable skills

Students will be able to:

- D1. Manage own roles, responsibilities and time; undertake personal and career development; utilise skills in new and changing situations and contexts.
- D2. Relate to, and interact effectively with, individuals and groups, including working effectively as a team member.
- D3. Communicate effectively using verbal and/or non-verbal means, including receiving, responding to, and presenting information in a variety of visual forms.
- D4. Manage tasks and identify and solve problems using information sources.
- D5. Apply numerical skills and techniques.
- D6. Use a range of technological equipment and systems.
- D7. Apply a range of skills and techniques, using a variety of thought processes, to develop ideas in creative work.

13. Programme structure and requirements

Student workload

All full-time academic programmes at the RAU are constructed using a selection of modules, each of which requires engagement with a variety of learning activities. Successful completion of module assessments will result in the award of credits, and students are required to achieve a total of 120 credits for each year of a full-time programme. Part time students are required to complete 60 credits for each year of a part time course.

The credit system is used to ensure a balanced workload across each programme, with each credit point representing a notional learning time of 10 hours of student work. Thus a 15-credit module will require a notional input of 150 hours of work, and a complete academic year of 120 credits will require 1200 hours of work, or approximately 40 hours per week. A part time academic year of 60 credits will require 600 hours of work, or approximately 20 hours per week.

Within this total time, students can expect to participate in formal timetabled activities; such as lectures, seminars, tutorials, practicals and visits; for approximately one third of the total time – usually around 2 hours per week for a 15-credit module studied over 25 weeks of the year. Thus the majority of module activities; such as reading around the subject, preparing for tutorials and seminars, preparing for, and completing, module assessments and revision for, and sitting, examinations; will take place outside of these scheduled activities, but are an essential part of a student's learning journey.

Students attempting to short-cut their learning activities may find themselves experiencing difficulties as each module progresses, and as the level of assumed understanding increases. Thus it is vitally important that new students establish an effective routine for their studies as soon as possible. Maintaining a balanced workload from the start of the programme will help to avoid intense periods of activity, and ensure knowledge and understanding gradually develop throughout the year in readiness for any end-of-module examinations.

The programme can be taken full-time over two years (or a maximum of four years) or part-time over a period of four years (or a maximum of six years), in accordance with the RAU academic regulations at appendix 32. The Certificate in Higher Education (year 1) comprises 8 core modules giving a total of 120 credits. If only the 8 core first year modules are passed the student will be awarded a Certificate in Higher Education. To proceed to the second year (year 2) of a full time course or the third year (year three) of a part time course students must have completed and passed the 8 core modules.

Foundation Degree Animal Science and Management
Year 1 – 120 Credits
1108 Comparative Anatomy and Physiology – 15 credits 1109 Animal Behaviour – 15 credits 1110 Animal Health – 15 credits 1111 Biological Principles – 10 credits 1112 Science Fundamentals and Study Skills – 10 credits 1113 Animal Husbandry and Management - 15 credits 1114 Animal Nutrition and Dietetics – 10 credits 1115 Work-Based Learning 1 – 30 credits
Year 2 – 120 Credits
2109 Work-Based Learning 2 – 20 credits 2110 Research Project – 15 credits 2111 Biodiversity, Evolution and Taxonomy – 15 credits 2112 Breeding Management and Genetics – 15 credits 2113 Principles of Animal Care Business Management - 15 credits 2114 Animal Law, Welfare and Ethics – 15 credits 2117 Ecology and Conservation – 15 credits
Optional Modules (students must choose to undertake 1 of the following 3 optional modules)
2115 Exotic Species Management – 10 credits
2116 Natural History of Mammals – 10 credits
2119 Wildlife Care and Rehabilitation – 10 credits

The award of FdSc Animal Science and Management comprises fifteen core modules plus one optional module giving a total of 240 credits (120 credits in year 1 and 120 credits in year 2). Part time students must complete a total of 120 credits from years 1 and 2, and a further 120 credits from years 3 and 4 of their study giving a total of 240 credits.

The final assessment will normally comprise the results of first year studies weighted at 30% plus second year studies weighted at 70%. For part time students, results of the first year studies will be the result of completing year 1 and year 2 of the part time programme.

A student who has satisfied the above requirements, and has achieved a credit-weighted aggregate mark of 40%, will be recommended for a Pass award of a Foundation Degree.

A student who has achieved a credit-weighted aggregate mark of 60% or more will be recommended for the award of a Foundation Degree with Merit.

A student who has achieved a credit-weighted aggregate mark of 70% or more will be recommended for the award of a Foundation Degree with Distinction.

BSc progression

The Foundation Degree in Animal Science and Management programme affords a range of transfer possibilities onto degree programmes such as BSc (Hons) Animal Science and Management, BSc Animal Science and Welfare, and BSc Animal Science and Behaviour.

Wiltshire College runs a one-year BSc (Hons) Animal Science and Management Honours Year (top-up) programme which was validated by the Royal Agricultural University in July 2004 as the articulation route for students on the Foundation Degree in Animal Science and Management.

Entry onto these programmes is through the normal UCAS channels on the basis of individual application. The successful graduate of the Foundation Degree will have the academic potential to progress directly to an Honours Year (top-up) degree programme. Offers will therefore be made subject to passing the Foundation Degree and a successful interview.

14. Student support services

1. A formal induction programme provides an orientation and introduction to all aspects of student life, at Wiltshire College Lackham.
2. The Wiltshire College Student Handbook similarly provides details of all facilities available within Wiltshire College.
3. The Programme Specification and individual module handbooks provide clear details of the assessment regulations as well as outlining the teaching and assessment programme for each module of study.
4. Access to Wiltshire College Libraries and study skill packages (both printed and online).
5. Access to student e-mail and internet facilities.
6. Access to eStudy, the Wiltshire College online Virtual Learning Environment (VLE). This is a gateway to many of the teaching resources and other course related materials (including on-line forums) and can be accessed via the internet at any time.
7. Each student is allocated a personal tutor at Wiltshire College Lackham.
8. Appropriate access to teaching and support staff and managers at Wiltshire College.
9. Access at Wiltshire College Lackham to:

- a. Additional learning support services e.g. dyslexia
- b. Access to student welfare officer
- c. Access to confidential local counselling services
- d. Access to careers guidance staff

15. Criteria for admissions

Applicants should normally be at least 18 years of age by 31 December in the year of entry.

Applicants should confirm their ability to study on a Foundation Degree by presenting evidence of:

- One A2 Level qualification at grade C or 120 UCAS tariff points (normally to include biology), e.g. 2Es or 1C at A2 level or an AVCE Double Award at EE, or BTEC National Certificate (PP) or Diploma (PPP).
- Additionally, candidates will normally be expected to present passes at Grade C or above in at least three other subjects (double or triple science) at GCSE level or equivalent; passes at Grade C and above in English and Mathematics will be normally expected.

Or

- Learning through experience, demonstrated in portfolios or records of achievement, and/or by specific learning tasks set at interview, and confirmed by employer reference(s).

Or

- A combination of academic and experiential learning, to be considered on its individual merits.

Applicants are required to demonstrate a set of basic skills required to fulfil the demands of the programme:

- An ability to express themselves in written English
- Basic numerical skills, and
- A basic understanding of biological science.

These skills should be demonstrated at levels equivalent to GCSE Grades A-C. To this end applicants may offer:

- GCSE, or GCE, or CSE results;

And/or

- Results of appropriate BTEC or Access programmes to science courses;

And/or

- An accredited record of using these skills in employment.

Applicants whose first language is not English must offer evidence of qualifications in written and spoken English. Acceptable qualifications are TOEFL 550 and IELTS 6, or direct equivalents.

Accreditation of Prior Learning (APL) and Accreditation of Prior Experiential Learning (APEL):

The Link Tutor and Programme Manager will make the admission decision in cases involving APL and APEL, and ensure that students can show intellectual ability, by the submission of a portfolio and the completion of an appropriate programme of work in relation to the relevant learning outcomes. The Foundation Degree Consortium set up by three local HEIs (Royal Agricultural University, Bath Spa University and the University of Bath) has produced a CD, which can be used to determine if a student would be eligible for APL or APEL. If a student does wish to have prior learning or experience taken into account then this process may be used.

Non-standard admissions:

The Link Tutor and Programme Manager will make the admission decision in all cases of non-standard admission.

16. Teaching, learning and assessment

This programme is inclusive of disabled people (e.g. hearing impaired, vision impaired, speech impaired, dyslexic and mobility impaired) with particular regard to teaching, learning and assessment, in accordance with Part 10: Inclusive Practice of the University's Teaching Quality Handbook and the [Equality Act 2010](#). Students are encouraged to disclose any impairment to the Disability Officer so that the appropriate support can be provided. Students have the right to request that the nature of their impairment be treated as confidential.

Your programme will be taught by a mixture of lectures, seminars, and tutorials, and through practical instruction. It is helpful to make clear distinction between these methods of teaching and consider the role and purpose of each.

Lectures

Lectures are normally presented to a large group of students (often all the students on the same year of a programme). Usually students listen to the lecturer for most of the session as the organisation of these sessions, combined with the numbers attending, does not lend itself to generalised debate. There may be question time offered at some point.

Lectures can be helpful to study by:

- Stimulating interest in the subject matter
- Giving information
- Offering different perspectives on a subject
- Explaining difficult concepts and theories

- Showing students how to deepen their knowledge
- Providing an opportunity to listen to specialist guest lecturers

Seminars and tutorials

Seminars and tutorials are primarily interactive and they provide an opportunity for students to interact with each other in an academic context. They are an occasion for the exchange of ideas and information under the guidance of a lecturer/tutor.

Seminars and tutorials can be helpful to study by:

- Offering the chance for students to express their views
- Allowing academic interaction
- Giving students valuable practice in making presentations
- Facilitating discussions
- Encouraging structured research
- Sharing and diversification of information and experience
- Introducing group work

Practicals

Student practicals, visits and demonstrations will take a variety of forms, e.g. animal centre, business and laboratory locations. They form an important part of overall programme provision and help to reinforce and apply the subject principles received in the lecture room. In some modules students will be expected to write up the result of their practical lesson.

Directed and private study

Students are expected to undertake private study as an important learning method within the programme. This will normally involve reading to explore the breadth and depth of the syllabus, preparation of tutorial/seminar work, preparation of coursework, case study submissions and preparation of major projects. The use of the College (RAU and Lackham) library resource(s) is very important for the effective use of private study time.

The library staff provide advice and assistance on both finding and using relevant material. Guidance in private study is also given by the academic staff.

Delivery strategy

The lecture programme for full time studying will normally be 3 days per week for year 1, and 2 and a half days for year 2. A separate day may also be used for day visits to avoid disruption to the normal timetable. The lecture programme for part time studying will be approximately be 1 and a half days per week.

Professional and practical skills are developed through the compulsory Work-Based Learning Module in year 1, by working in industry for 15 days (one day each week) throughout the first year of study, and on the 6-week industrial work placement (between Mid-December to the end of August).

The development of these skills continues through the second year Work-Based Learning module, which includes 15 days in industry (one day a week) throughout the second year of study.

Knowledge and understanding will be acquired through lectures, tutorials, seminars, laboratory practicals and industry visits, as well as guided independent study.

Intellectual skills will be acquired through the teaching and learning programme through the period of study. Analysis, evaluation and synthesis skills will be acquired through problem and experiential based coursework and seminars.

Transferable skills will be acquired in a contextual manner throughout the programme via tutorials, seminars, work placements and coursework assignments.

During the Foundation Degree programme UK or overseas visits may be undertaken to relevant industry, places of interest, animal collections, and suitable premises for practical demonstrations. These may include veterinary clinics, hospitals and colleges; kennels and catteries; Guide Dogs for the Blind Association; animal sanctuaries, wildlife hospitals and nature reserves; animal product and feed manufacturers; zoos, safari parks, bird gardens, reptiles and aquaria; farms, farm parks, stables and stud farms; animal breeders and trainers; hunt kennels, laboratories, museums and sales. Students may offer suggestions for visits and these will be considered. These visits and tours will fully integrate with the coursework requirements in the Ecology and Conservation and Exotic Species Management modules. The visits will also include fieldwork such as doing transects and ecological sampling in a variety of natural habitats. Costs of these study tours will be met by the students; advance notification of the expected costs will be given before the programme begins.

Speakers will periodically be invited to give talks on the programme. Some may give an insight into their own jobs, i.e. RSPCA inspector, dog warden, veterinary nurse. Others may discuss specific issues, i.e. animal welfare. Students may offer suggestions of particular speakers or representatives for invitation and these will be considered.

Part-time students will be required to undertake and complete 60 credits in each year of a part time course studying the following modules:

Year 1 (Part Time)

1115 Work Based Learning 1	30 Credits
1112 Science Fundamentals & Study Skills	10 Credits
1111 Biological Principles	10 Credits
1114 Animal Nutrition & Dietetics	10 Credits

Year 2 (Part Time)

1108 Comparative Anatomy & Physiology	15 Credits
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1110 Animal Health	15 Credits
1113 Animal Husbandry & Management	15 Credits
1109 Animal Behaviour	15 Credits

Year 3 (Part Time)

2109 Work based Learning 2	20 Credits
2112 Breeding Management & Genetics	15 Credits
2114 Animal Law Welfare & Ethics	15 Credits
2115, 2116 or 2119 Optional Module	10 Credits

Year 4 (Part Time)

2110 Research Project	15 Credits
2111 Biodiversity, Evolution & Taxonomy	15 Credits
2113 Principles of Business Management	15 Credits
2117 Ecology & Conservation	15 Credits

Programme Module Assessment Map

A summary of the general pattern of programme module assessments, showing weightings, is given in the following tables.

Module Assessment Rating		
Year 1 Modules	Assessment Mode	%
Work-Based Learning 1 - 1115	Coursework	100%
Comparative Anatomy and Physiology - 1108	Examination Assignment Practical Write Up	30% 50% 20%
Animal Behaviour - 1109	Examination Coursework	40% 60%
Animal Health - 1110	Examination Assignment Practical Write Up	30% 50% 20%
Biological Principles - 1111	Examination Assignment Practical Write Up	30% 50% 20%
Science Fundamentals and Study Skills- 1112	Examination Assignment Practical Write Up	30% 50% 20%
Animal Husbandry and Management - 1113	Examination Portfolio/course work Practical assessments	30% 50% 20%
Animal Nutrition and Dietetics - 1114	Examination Assignment Practical Write Up	30% 50% 20%

Module Assessment Rating		
Year 2 Modules	Assessment Mode	%
Work-Based Learning 2 – 2109	Coursework	100%
Research Project – 2110	Research Proposal Research Project Presentation	Pass / fail 80% 20%
Biodiversity, Evolution and Taxonomy – 2111	Examination Assignment Poster	30% 50% 20%
Breeding Management and Genetics – 2112	Examination Assignment Practical Write Up	40% 40% 20%
Principles of Animal Care Business Management – 2113	Business Plan Report	40% 60%
Animal Law, Welfare and Ethics – 2114	Examination Assignment Presentation	40% 50% 10%
Exotic Species Management – 2115	Assignment Presentation/poster	50% 50%
Natural History of Mammals – 2116	Assignment Micro-teach	50% 50%
Ecology and Conservation – 2117	Exam Assignment Sampling Report	40% 30% 30%
Wildlife Care and Rehabilitation – 2119	Assignment Presentation/poster	50% 50%

Work Based Learning

In year one full time students (and part time students in appropriate work placements) will undertake a total of 15 work-based vocational learning days (105 hours) within suitable Health and Safety checked industry placements as part of the work-based learning element of the Animal Husbandry and Management module.

This will develop the appropriate practical skills and experience as required by industry to enable the student to undertake satisfactorily complete, and evaluate a further 6 weeks (210 hours) of relevant vocational experience, and complete the associated reports to a Pass standard.

This can be paid or voluntary work and can take place at any time between the first and second years of the programme. Both of these activities are compulsory and contribute to the first year Work-Based Learning 1 module coursework assessments.

It will be the responsibility of the student to find the work, however Wiltshire College, Lackham will be able to recommend establishments that are Health and Safety checked by the College.

If a student on the programme does have, usually, at least 2 years of appropriate practical supervisory / management industry experience, the Link Tutor and Programme Manager will make the admission decision in cases involving APL and APEL, and ensure that students can show intellectual ability, by the submission of a work-based portfolio and the completion of an appropriate programme of work in relation to the relevant learning outcomes.

In year two students will undertake a further 15 work-based vocational learning days (105 hours) in an industry environment of their choice, in order that the second year Work-Based Learning 2 module assessments can be completed.

Part-time students will use their own workplace to meet the learning outcomes and employers will be involved in a similar way to that described above. If a part-time student is not in a workplace that will provide suitable experience then they and the programme team will have to find a suitable placement.

17. Quality assurance procedures

RAU Procedures for Quality Assurance

These are described in the RAU's Teaching Quality Handbook and include procedures for:

- Programme and module development, monitoring and review.
- Student assessment, progression and awards.
- Assessment moderation and external examining.

The Programme Management Group and Student Representation

A Programme Management Group (PMG) will be appointed with the following membership:

- Programme Manager who will be Chair
- Dean of the School of Agriculture, Food and the Environment
- The Module Tutors
- The RAU Link Tutor
- Two student representatives from each programme year-group.

The two student representatives will be elected at the beginning of each academic year and will serve for a minimum period of one year. Their prime function will be to bring the student's perspective to the deliberations of the PMG and feedback on the progress of the programme.

The PMG will normally meet at least twice a year and its function will include discussion of general issues relating to teaching, learning resources, curriculum and careers guidance.

Furthermore, the RAU is responsible for the appointment of an appropriate External Examiner and there is a requirement for a joint Examinations Board which meets in advance of the RAU Examinations Committee and submits marks to the later for ratification. Staff at both institutions assume joint oversight of student progress, problems etc.

Stakeholder Feedback

Wiltshire College's practice for programme reviews, which provides useful stakeholder feedback, includes a yearly Self-assessment Report on the programme, within which there is input from employers. Because of the emphasis on work-based learning and the acquisition of practical skills in this programme, the Programme Manager will meet twice a year with industry representatives to inform the future development of the programme.

18. Marking guides and assessment regulations

Each module is assessed by one or more pieces of coursework and / or examinations. Full details are given on individual module sheets, available on the University website. To gain credits for a module, the student must average at least 40% in the assessments for that module. Students do not have to pass, nor attempt, all assessment components to achieve a module pass, providing the final module average is 40% or above.

Examinations take place in both the spring and summer terms and students must ensure that they are available at these times. Examinations are generally unseen, written papers.

Students are responsible for ensuring that coursework assessments are submitted on time and that coursework is retained for subsequent resubmission as required.

Any non-submission or non-attendance should be recorded as zero and a note placed against the individual assessment and against the module in Quercus.

The opportunity to refer (resit an exam or resubmit coursework) will be available to allow students who have failed to reach an overall mark of 40% to re-take or re-submit elements of up to two full modules (examinations and/or coursework assessments). A maximum module mark of 40% is available following referral

Maximum credits permitted for referral is 50% of registered module credits per academic year for both undergraduate and postgraduate programmes. For

students studying part-time, limits will be 50% of registered module credits or a maximum of 30 credits, whichever is the greater

Please find a summary of the RAU Assessment Regulations effective from 1st October 2015. The updated regulation can be found on the [RAU website](#) Student Information – [One Stop Shop](#)

Students unable to complete coursework to the appropriate standard by the due date as a result of mitigating circumstances should submit as soon as possible for assessment and also submit a completed mitigating circumstances form to Registry. When a Mitigating Circumstances form supported by acceptable evidence has been submitted and accepted by the Mitigating Circumstances Panel, resits may be taken without prejudice (as if for the first time), so that a mark greater than 40% may be awarded.

Full details of the assessment regulations for the University and generic marking guidelines for coursework and examinations can be found on the RAU website and the issued USB memory stick.

19. Ownership of programme specification

This document is owned by the School of Agriculture, Royal Agricultural University.

The Programme Management Group is as follows:

Wiltshire College, Lackham Programme Manager: Bridget Williams
E-mail: bridget.williams@wiltshire.ac.uk

RAU Link Tutor: Chris Brough christopher.brough@rau.ac.uk

	A3. Elucidate the origin of species, biodiversity, ecosystems and behaviour																
	A4. Understand the issues involved with regard to the protection of the environment and the conservation of endangered species																
Intellectual skills	B1. Be creative in the solution of problems and in the development of research activity																
	B2. Integrate and evaluate information from a variety of sources in order to gain a coherent understanding of theory and practice																
	B3. Analyse and evaluate innovative approaches to animal science																
	B4. Formulate and test hypotheses																
	B5. Apply professional judgement to balance risks, costs, benefits, safety, reliability, aesthetics and environmental impact																
Professional Practical Skills	C1. Undertake competent, safe, evaluative, reflective and effective practice																
	C2. Analyse experimental results and determine their strength and validity																
	C3. Act autonomously, with minimal supervision or direction, within agreed guidelines																

		Comparative Anatomy and Physiology	Biological Principles	Animal Behaviour	Animal Health	Animal Nutrition and Dietetics	Work-Based Learning 1 & 2	Science Fundamentals and Study Skills	Biodiversity, Evolution and Taxonomy	Research Project	Breeding Management and Genetics	Exotic Species Management	Principles of Animal Care Business Management	Animal Husbandry and Management	Ecology and Conservation	Wildlife Care and Rehabilitation	Natural History of Mammals	Animal Law, Welfare and Ethics	
Transferable/Key Skills	D1. Manage own roles, responsibilities and time; undertake personal and career development; utilise skills in new and changing situations and contexts.			■	■		■			■					■		■		
	D2. Relate to, and interact effectively with, individuals and groups, including working effectively as a team member						■												
	D3. Communicate effectively using verbal and/or non-verbal means, including receiving, responding to, and presenting information in a variety of visual forms	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	D4. Manage tasks and identify and solve problems using information sources	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	D5. Apply numerical skills and techniques						■	■		■			■						
	D6. Use a range of technological equipment and systems	■	■	■	■	■	■	■	■	■	■	■	■	■		■	■	■	■
	D7. Apply a range of skills and techniques, using a variety of thought processes, to develop ideas in creative work			■			■			■					■		■		

21. Career prospects

There are job opportunities available locally, regionally, nationally and internationally. If you intend to seek related employment you must be aware that the market place at this level is highly competitive. Previous HE students have been employed in a wide range of Animal Care organisations. Some examples are Veterinary Practices, Blue Cross, Zoos and Wildlife Parks, Army Dog Training, and FE/HE Colleges.

You can get professional careers advice at the College and at <http://www.wiltshire.ac.uk/careers/>

22. Further information

Guidelines for assessment of examinations and coursework:

The Foundation Degree is awarded by the Royal Agricultural University, so the prevailing academic regulations are those of the RAU.

The body, which reports from Wiltshire College to the RAU, is known as the Assessment Board which will meet regularly to review your academic performance and make recommendations on progression and award to the RAU Examinations Committee.

If you feel you are unable to meet an assessment deadline, or have failed to do so, then you need to discuss with the Programme Manager whether or not you have grounds for legitimately requesting an extension or consideration of mitigating circumstances.

Timetable information:

You are advised to not arrange holidays during term time.

Mitigating circumstances are circumstances which are exceptional, are outside the student's control; can be corroborated by independent evidence; occurred during or shortly before the assessment in question; and may have led to an unrepresentative performance in relation to the student's previously demonstrated ability.

Please see the RAU's Academic Regulations for further details regarding mitigating circumstances. In the first instance mitigating circumstances should be discussed with your personal tutor/Programme Manager and a completed mitigating circumstances form should be submitted to the Programme Manager directly at Wiltshire College.

Information on College terms and dates can be found in the Student Handbook and http://www.wiltshire.ac.uk/general_information/termdates/default.asp

The normal College day is from 9:00am to 4:30pm and the normal College week is from Monday to Friday inclusive.

Your daily timetable will be given to you by your Programme Manager in induction week.

Note that timetable arrangements may change from term to term. You are expected to arrive on time for your classes.

What do I do if I am ill or an emergency occurs?

You should telephone or e-mail your tutor before 9:00am to explain why you will not be at College. He/she will then inform other members of the programme team.

What do I do if I know I will not be able to attend College on a certain day?

If you have an appointment, such as a driving test that cannot be made outside College hours you should inform your tutor, in writing, so that he/she can inform the programme team.

E-mail and the internet:

As a student at the College you will have access to email, the internet and Wiltshire College VLEs.

Wiltshire College: <http://estudy.wiltshire.ac.uk/>.

You are expected to use these business tools in a mature and responsible way.

Students found to be misusing them may have them taken away and be subject to disciplinary procedures. Please refer to the http://www.wiltshire.ac.uk/about_us/policies/documents/AuP-2-4.pdf

Recommended reading:

You are strongly advised to acquire a copy of:

Campbell, N.A and Reece, J.B. (2008). (8th edition). *Biology*.

Benjamin/Cummings Publishing Company Inc – ISBN 8053-1940-9.

Pond, W.G. and Pond, K.R. (2000). *An Introduction to Animal Science*. John Wiley & Sons Inc – ISBN 0-471-17094-1.

Students are encouraged to apply for free membership of the British Society of Animal Science <http://www.bsas.org.uk/> which has a range of useful animal based peer reviewed science papers.

You will be given reading lists or other useful book titles for individual modules. These are designed to aid you through your assignments in these modules. You should also use recent publications to add to your research detail level.

There is a comprehensive induction into using information sources at the beginning of the programme, but you can help yourself by reading newspaper articles, art magazines and watching television programmes about wildlife, conservation and other relevant subject matter. You should also keep yourself informed about general issues and concerns in the news.

You will find further information about library services on Signpost.
http://www.wiltshire.ac.uk/learning_resources/default.asp

Costs

You must be prepared to cover some costs, including:
Writing materials such as paper, ring binders, files, plastic pockets, notebook, Diary and pens. USB sticks, CDs or zip disc for use with computers (these items can be purchased at College).
A photocopying card (can be purchased at College for a small charge).
Further visits, etc. that are deemed necessary for the programme which may be organised, and you will be advised of the cost in advance.

As you are undertaking an animal based programme you will also be required to purchase protective equipment before commencing the programme. These include overalls, steel toe capped boots, lab coat and safety spectacles. Full details have been sent in the joining instructions.

Health and Safety

Matters regarding your Health and Safety, including your responsibilities as a student of Wiltshire College, are included within the College Handbook.

You will also receive detailed information and guidance concerning Health and Safety procedures while you work with animals in the Animal Centre, laboratory, and other associated areas. Please make sure you comply with these rules and wear personal protective equipment at all times.

23. Module reference sheets

Year 1 Modules

1108 Comparative Anatomy and Physiology
1109 Animal Behaviour
1110 Animal Health
1111 Biological Principles
1112 Science Fundamentals and Study Skills
1113 Animal Husbandry and Management
1114 Animal Nutrition and Dietetics
1115 Work-Based Learning 1

Year 2 Modules

2109 Work-Based Learning 2
2110 Research Project
2111 Biodiversity, Evolution and Taxonomy
2112 Breeding Management and Genetics
2113 Principles of Animal Care Business Management
2114 Animal Law, Welfare and Ethics
2115 Exotic Species Management –Option
2116 Natural History of Mammals - Option
2117 Ecology and Conservation
2119 Wildlife Care and Rehabilitation - Option

Appendix 1

ROYAL AGRICULTURAL COLLEGE MODULAR SCHEME

<i>Sheet updated: Sept 2015</i>		
Module code 1108	Module title Comparative Anatomy and Physiology	Module leader Thomas Hesselberg
School which owns module	School of Agriculture	
Programme(s) to which module belongs	FdSc Animal Science and Management (core)	
Module level 4	Module credits 15	Prerequisites None
Minimum study time 150 hours	Contact hours within study time 45	Teaching period January - May
Module content Structure, functioning and maintenance of the animal body. Main body systems in a mammal including the Locomotory (skeletal, muscular), Cardiovascular, Respiratory, Gastrointestinal, Urinary, Endocrinal, Nervous and Reproductive systems. Differences between a range of species from the major phyla of animals, mammalian systems, and those of other vertebrates (birds, reptiles, amphibians, fish) and invertebrates (Protozoa, Porifera, Cnidaria, Platyhelminthes, Annelida, Arthropoda).		
Module outcomes To achieve credit for this module, students must be able to: 1. Examine the means by which support, movement and coordination are achieved in animal bodies. 2. Define and recognise body transport systems. 3. Investigate how animals obtain raw materials for metabolism and excrete wastes. 4. Discuss the reproductive processes by which new individuals are produced A1–3, B1–3, C1 & 3, D1, 3 & 4.		
Assessment	Description	Weighting
Coursework	Written assignment 2000 words	50%
	Practical write-up 500 words	20%
Examination	End of module exam 2 hours	30%
Key texts and information sources: Campbell, N.A. and Reece, J.B. (2008). (8 th edition). <i>Biology</i> . Benjamin/Cummings Publishing Company Inc. Hill, R.W., Wyse, G.A. and Anderson, M. (2004). <i>Animal Physiology</i> . Sinauer Associates. ISBN 0-87893-315-8. Jurd, R.D. (2004). <i>Instant Notes in Animal Biology</i> . Bios, Scientific Publishers Limited. ISBN 1 85996 3250. Schmidt-Nielsen, K. (2002). <i>Animal Physiology: Adaptation and Environment</i> . (5 th edition). Cambridge University Press. ISBN 0 521 57098 0.		

Module code 1109	Module title Animal Behaviour	Module leader Thomas Hesselberg
School which owns module	School of Agriculture	
Programme(s) to which module belongs	FdSc Animal Science and Management (core)	
Module level 4	Module credits 15	Prerequisites None
Minimum study time 150 hours	Contact hours within study time 45	Teaching period September - January
<p>Module content</p> <p>Animal behaviour in captive, domestic and wild species. The scientific basis of animal behaviour and study, recognition of normal and abnormal behaviour. Theoretical and practical aspects of the causes, functions, development and evolution of behaviour. Core behaviour study methodology. Range of behaviours exhibited by various species, including maintenance, feeding, navigation, communication, social and reproductive behaviours. Factors that affect and maintain behavioural responses, e.g. the role of the nervous system, senses, hormones, and body clocks. Learning theory. The evidence for and against higher sentience in animals. The relation of the study of behaviour to animal management including abnormal behaviours and preventative strategies.</p>		
<p>Module outcomes</p> <p>To achieve credit for this module, students must be able to:</p> <ol style="list-style-type: none"> 1. State the methods of behavioural study, with relation to a range of normal/abnormal behaviours, and implement a study of their own design. 2. Define the scientific basis of behaviour and the effects on repertoires. 3. Describe and explain various social and predator/prey communications, and reproductive behaviours. 4. Discuss animal psychology and complex behavioural issues, and the factors affecting animal husbandry. <p>A1–3, B1–4, C1 –3, D1, 3, 4 & 7.</p>		
Assessment	Description	Weighting
Coursework	Written assignment 2500 words	60%
Examination	End of module exam 2 hours	40%
<p>Key texts and information sources:</p> <p>Alcock, J. (2009). <i>Animal Behaviour: An Evolutionary Approach</i>. Sinauer Associates USA. Davies, N, Krebs, J.R. and Davies, N.B. (2011). <i>An Introduction to Behavioural Ecology</i>. Blackwell Science. Lund, N. (2002). <i>Animal Cognition</i>. Routledge. (ISBN 0-415-25298-9). McFarland, D. (1999). <i>Animal Behaviour: Psychobiology, Ethology and Evolution</i>. Prentice Hall.</p>		

<i>Sheet updated: Sept 2015</i>		
Module code 1110	Module title Animal Health	Module leader Bridget Williams
School which owns module	School of Agriculture	
Programme(s) to which module belongs	FdSc Animal Science and Management (core)	
Module level 4	Module credits 15	Prerequisites None
Minimum study time 150 hours	Contact hours within study time 45	Teaching period September- January
Module content		
<p>Monitoring and maintaining health, the causative agents of disease and the main routes of transmission, immunological responses, and the control and prevention of diseases and injuries, and the general care/nursing of a range of animal species. The main principles and definitions of good and bad health, including the most common methods of monitoring health with non-invasive and invasive techniques. The various routes of disease transmission and causative agents of disease will be investigated including parasites. Zoonotic, anthrotonic and notifiable diseases will be covered in range of animals.</p> <p>The structures, roles and relationship of the main immunological responses in maintaining good health in a range of animals. The basic principles of animal nursing, isolation procedures and quarantine will be covered, along with physiological responses to common traumatic injuries and diseases. Basic drug metabolism and administration to a range of animals will be included.</p>		
Module outcomes		
<p>To achieve credit for this module, students must be able to:</p> <ol style="list-style-type: none"> 1. Define the concept of 'health', its monitoring and maintenance. 2. Indicate and analyse the causative agents and routes of disease transmission. 3. Define and explain the role of key immunological responses. 4. State methods of control and prevention of disease and injuries <p>A1 & 2, B1, 2, 3 & 5, C1-3, D1-4</p>		
Assessment	Description	Weighting
Coursework	Written assignment 2000 words	50%
	Practical write-up 500	20%
Examination	End of module exam 2 hour exam	30%
Key texts and information sources:		
<p>Boden, E. <i>Blacks Veterinary Dictionary</i>. (2005). (21st edition). London. A & C Black.</p> <p>Cooper, B., Turner, L. and Lane, D. (2007). <i>Veterinary Nursing</i>. (3rd edition). Butterworth-Heinemann.</p> <p>Mims, C., Nash, A., Dimmock, N. and Stephens, J. (2000). <i>Mim's Pathogenesis of Infectious Disease</i>. Academic Press Ltd</p> <p>Mims, C., Nash, A., Dimmock, N. and Stephens, J. (2000). <i>Mim's Pathogenesis of Infectious Disease</i>. Academic Press Ltd</p> <p>Tizard, I. (2007). <i>Veterinary Immunology: An Introduction</i>. 8th Ed Saunders.</p>		

Module code 1111	Module title Biological Principles	Module leader Jo Nicholson
School which owns module	School of Agriculture	
Programme(s) to which module belongs	FdSc Animal Science and Management (core)	
Module level 4	Module credits 10	Prerequisites None
Minimum study time 100 hours	Contact hours within study time 35	Teaching period January - May
<p>Module content</p> <p>Biological principles that underpin the study of animal management and the fundamental processes of living organisms.</p> <p>The development of tissues and organ systems alongside homeostatic processes.</p> <p>Range and importance of organic chemicals to life including carbohydrates, lipids, amino acid and proteins; biosynthesis of nucleic acid; role of RNA and DNA.</p> <p>Transport of molecules – diffusion, osmosis, active transport.</p> <p>Animal cell structure (cell membrane and sub-cellular organelles) and function intrinsic to the existence of living organisms.</p> <p>Eukaryotic and prokaryotic cells.</p> <p>Important cellular processes – mitosis, meiosis, the cell cycle, structure and replication of DNA, protein synthesis.</p> <p>Evaluation of unicellularity and multicellularity as organisational strategies; evolution of multicellular organisms; cell theory.</p> <p>Structure and function of various tissue types.</p> <p>The endocrine system – hormone function, glands.</p> <p>The nervous system – anatomy of nerve cells, vertebrate nervous systems, conduction and transmission of impulses.</p> <p>Homeostasis.</p>		
<p>Module outcomes</p> <p>To achieve credit for this module, students must be able to:</p> <ol style="list-style-type: none"> 1. Explain the basic fundamental biological principles. 2. Recognise levels of organisation within the animal kingdom; unicellular, multicellular and colonial organisation, and an understanding of the organisation of cells into tissues and organs. 3. Explain the importance and role of homeostasis for animals living with continually changing internal and external environment. <p>A1-3, B1-3, C1 & 3, D1, 3 & 4.</p>		
Assessment	Description	Weighting
Coursework	Written assignment 1000 words	50%
	Practical write-up 500 words	20%
Examination	End of module exam 1.5 hours	30%
<p>Key texts and information sources:</p> <p>Campbell, M.K., and Farrell, S.O. (2007). <i>Biochemistry</i>. (6th edition). Thompson Learning: London.</p> <p>Campbell, N.A. and Reece, J.B. (2008). (8th edition). <i>Biology</i>. Benjamin/Cummings Publishing Company Inc.</p> <p>Hill, R.W., Wyse, G.A. and Anderson, M. (2004). <i>Animal Physiology</i>, Sinauer Associates.</p>		

Jurd, R.D. (2004). *Instant Notes in Animal Biology*. Bios, Scientific Publishers Limited.

Module code 1112	Module title Science Fundamentals and Study Skills	Module leader Katrina Willis
School which owns module	School of Agriculture	
Programme(s) to which module belongs	FdSc Animal Science and Management (core)	
Module level 4	Module credits 10	Prerequisites None
Minimum study time 100 hours	Contact hours within study time 35	Teaching period September - January
<p>Module content</p> <p>Skills essential for the study of animals, including data collection, study methods, statistics, basic physical and chemical science.</p> <p>Referencing study skills, note taking, writing of assignments, preparation for exams.</p> <p>Research scientific investigation: problem identification, formulating hypotheses, background research, risk assessment, experimental investigation, reporting, writing up results.</p> <p>Statistical analysis, correlation, probability and significance tests.</p> <p>Chemical science: atomic structure, periodic table, bonding, chemical equations, relative atomic and molecular masses, moles, oxidation reduction, organic reactions, functional groups, enthalpy changes.</p> <p>Physical science: SI units, heat, waves, electromagnetic spectrum, light, lenses and the eye.</p>		
<p>Module outcomes</p> <p>To achieve credit for this module, students must be able to:</p> <ol style="list-style-type: none"> 1. Explain and identify logical planning and undertaking of scientific investigation. 2. Formulate and measure statistical methods. 3. Define and explain basic physical understanding of chemistry principles. <p>A1 & 2, B1-4, C1 & 3, D1, 3, 4, 5 & 6.</p>		
Assessment	Description	Weighting
Coursework	Written assignment 1000 words	50%
	Practical write-up 500 words	20%
Examination	End of module exam 1.5 hours	30%
<p>Key texts and information sources:</p> <p>Campbell, M.K., and Farrell, S.O. (2007). <i>Biochemistry</i>. (6th edition). Thompson Learning: London.</p> <p>Petrie, A. and Watson, P. (2006). <i>Statistics for Veterinary and Animal Science</i>. Blackwell Science, Oxford. ISBN 0-632-05025.</p> <p>Dytham. (2010). <i>Choosing and Using Statistics</i>. Wiley-Blackwell.</p>		

Module code 1113	Module title Animal Husbandry and Management	Module leader Chloe Batten
School which owns module	School of Agriculture	
Programme(s) to which module belongs	FdSc Animal Science and Management (core)	
Module level 4	Module credits 15	Prerequisites None
Minimum study time 150 hours	Contact hours within study time 45	Teaching period September - May
<p>Module content</p> <p>Good animal husbandry methods and welfare, promoting the keeping of animals in an environment that maintains physical and mental health. Husbandry and handling methods applicable to a wide range of species, including mammals (domestic and exotic), reptiles, amphibians, insects, birds, and large stock. Health and safety of both humans and animals. Dietary requirements. Routine and non-routine husbandry procedures. Health monitoring and treatments.</p>		
<p>Module outcomes</p> <p>To achieve credit for this module, students must be able to:</p> <ol style="list-style-type: none"> 1. Identify and demonstrate correct animal handling techniques. 2. Contrast and demonstrate daily animal husbandry management techniques. 3. Judge non-routine or periodic animal husbandry practices. 4. Explain the significance of good practice in the maintenance of health and prevention of disease. <p>A1 & 2, B1, 2 & 5, C1 & 3, D1-4.</p>		
Assessment	Description	Weighting
Coursework	Portfolio /course work 3000 words	50%
	Practical assessments 2 x 15 minutes	20%
Examination	Exam / test () 1.5 hours	30%
<p>Key texts and information sources:</p> <p>There are a vast number of sources of information students can use for this module, not least, any contacts students may have within the animal industry and, of course, the Animal Centre. It is vital students use the Animal Centre as a resource and draw on their experiences there.</p> <p>However in order to raise students' detail on assessments and aid student understanding, students will also require background information on animal husbandry. The library holds a wide range of books on various topics and the internet can also provide examples of husbandry and care from other establishments and organisations, e.g. zoo home pages, AATA, BVNA, BSAVA, DEFRA, UFAW.</p> <p>BSAVA. (1992/2004). <i>BSAVA Manual of Reptiles</i>. BSAVA</p> <p>Ekarius, C. (2004). <i>How to Build Animal Housing</i>. Storey Publishing, USA.</p> <p>Ewbank, R. Madslie, K. and Hart, C.B. (1999). <i>Management and Welfare of Farm Animals</i>. Bailliere Tindall, London.</p> <p>Harris, T. (2000). <i>AATA Manual for the Transportation of Live Animals</i>. (2nd edition).</p>		

AATA.

Meredith, A. and Redrobes, S. (2002). *BSAVA Manual of Exotic Pets*. BVNA.

Warren, D.M. (2002). *Small Animal Care and Management*. (2nd edition). Delmar Publishers, London.

Young, R.J. (2003). *Environmental Enrichment for Captive Animals*. Blackwell Publishing, Oxford.

Module code 1114	Module title Animal Nutrition and Dietetics	Module leader Bridget Williams
School which owns module	School of Agriculture	
Programme(s) to which module belongs	FdSc Animal Science and Management (core)	
Module level 4	Module credits 10	Prerequisites None
Minimum study time 100 hours	Contact hours within study time 35	Teaching period January - May
Module content The chemical structure of macro and micronutrients. The principles of food analysis and ration formulation. The nutritional requirements of a range of animals, and the role of nutrition in the health of animals and diet related diseases. Food purchase, storage, presentation, watering and feeding equipment, along with animal feeding behaviour and the use of food as an enrichment strategy.		
Module outcomes To achieve credit for this module, students must be able to: 1. Define the main principles of food analysis and ration formulation. 2. Explain the role of nutrition on health and diet related diseases. 3. Indicate suitable strategies for food purchase, presentation and enrichment for a range of animals. A1 & 2, B2 & 3, C2 & 3, D1, 3, 4, 5.		
Assessment	Description	Weighting
Coursework	Written assignment 1000 words	50%
	Practical write-up 500 words	20%
Examination	End of module exam 1.5 hours	30%
Key texts and information sources: Ackerman, N. (2008). <i>Companion animal nutrition, a manual for veterinary nurses and technicians</i> . Butterworth-Heinemann. Cheeke, P. (2005). <i>Applied Animal Nutrition Feeds and Feeding</i> . (3 rd edition). Pearson Inc. McDonald, P. et al. (2002). <i>Animal Nutrition</i> . (6 th edition). Pearson Inc. Mcnamara, J. (2006). <i>Principles of Companion Animal Nutrition</i> . Pearson Inc. Pond, W.G., Church, D.C. and Pond, K.R. (2005). <i>Basic Animal Nutrition and Feeding</i> . John Wiley & Sons Inc.		

Module Code 1115	Module Title Work Based Learning 1	Module Leader Bridget Williams
School which owns module	School of Agriculture	
Programme(s) to which module belongs	Foundation Degree Animal Science & Management (Core) Foundation Degree Agricultural Management (Core) Foundation Degree Game and Wildlife Management (Core)	
Module Level 4	Module Credits 30	Pre-Requisites None
Minimum Study Time 300 hrs	Contact Hours within Study Time 15 days + 6 weeks of placement (7 hours/ day total 315 hrs)	Teaching Period September - May
<p>Module Content</p> <p>Learning beyond the academic curriculum; acquisition of real world knowledge and skills that reinforce the understanding of academic subjects and which add to the range of individual capabilities.</p> <p>Production of a CV and personal statement (PDP); identifying of achievements to date; an introduction to personal development planning; identification and agreement of appropriate learning objectives and learning agreements; completion and evaluation of a 15 day vocational work experience period, and a six week vocational work placement.</p>		
<p>Module Outcomes</p> <p>To achieve credit for this module, students must be able to:</p> <ol style="list-style-type: none"> 1. Analyse individual strengths and weaknesses and, as a result, construct an appropriate CV, apply for employment and develop a plan for continuous evaluation and professional achievement. 2. Demonstrate competence in a range of basic professional skills appropriate to a specific employment sector. 3. Investigate and report showing understanding of the working practices and the principles of health and safety in employment related situations. 4. Sustain and evaluate learning achieved during an appropriate work placement. <p>B2 & 5, C3, D1-4, 6 & 7.</p>		
Assessment	Description	Weighting
Coursework	<p>Vocational day work-based learning portfolio and report. 2000 words consisting of:</p> <p>Personal Development Plans.</p> <p>Completion of work experience in industry.</p> <p>Work-based learning report on working practices of selected employer (6 week work placement).</p> <p>Employer's report and monthly workplace diary / log of activities mapped against key employment skills.</p>	Each task will contribute 25% to the final grade.
Examination	No examination in this module	

Key Texts:

Key texts:

Students should be familiar with the content of at least one of the following:

Cottrell, S. (2005). *Critical Thinking Skills*. Palgrave Macmillan.

Cottrell, S. (2003). *The Study Skills Handbook*. (2nd edition). Palgrave Macmillan.

Drew, S. and Bingham, R. (2001). *The Student Skills Guide*. (2nd edition). London, Gower.

Payne, E. and Whittaker, L. (2000). *Developing Essential Study Skills*. London, Financial Times Prentice Hall.

Module Code 2109	Module Title Work Based Learning 2	Module Leader Bruce Martin
School which owns module	School of Agriculture	
Programme(s) to which module belongs	FdSc Animal Science and Management (core) Foundation Degree Agricultural Management (Core) Foundation Degree Game and Wildlife Management (Core)	
Module Level 5	Module Credits	Pre-Requisites Work Based Learning 2
Minimum Study Time 200 hours	Contact Hours within Study Time 15 days (105 hours) 7 hours/ day 95 hrs Independent Study	Teaching Period September - May
Module Content		
<p>This module is designed to further develop knowledge and broaden learning and skills assimilated in module 1115 Work-Based Learning 1 (and utilise and further develop skills and knowledge gained in modules 1113 and 2113). The overall aim of the module is to enhance and further develop transferable employability and technical skills through completion of a further 15 days of vocational work-based period, and provide students with the skills, knowledge and training that is required by modern land-based related businesses:</p> <p>Maintain and update CV and personal statement. Synthesize and evaluate work-based activities and achievements to date. Review and update personal development plan. Produce a key skills self-audit; further guidance on job application and interview techniques. Recognition of the key performance indicators for an efficient and successful animal enterprise / business. Evaluate the value, relevance and importance of human resource management in business, and the marketing needs of animal activities / events and enterprises.</p>		
Module Outcomes		
<p>To achieve credit for this module, students must be able to:</p> <ol style="list-style-type: none"> 1. Analyse and evaluate individual strengths and weaknesses and, as a result, construct an appropriate development plan for continuous evaluation and professional achievement. 2. Demonstrate improved and continuing competence in a range of professional skills appropriate to a specific employment sector. 3. Undertake work-based learning activities, and analyse, evaluate and compare the working practices of one or more land-based related employers. 4. Identify and analyse the planning, management and marketing needs of a vocational activity / event or enterprise. <p>B2 & 5, C1 & 3, D1-7.</p>		
Assessment	Description	Weighting

Coursework	<p>Work Based Learning 2 Portfolio consisting of:</p> <p>Revised Personal Development Plan, key skills audit</p> <p>Work-based learning industrial vocational day employer's report, and College based practical assessments.</p> <p>Team presentation analysing and comparing the working practises of one or more industry related employers and suggest possible improvements.</p> <p>Report and evaluate a group - researched, planned marketed and managed industry related activity based at the College. 1500 words</p>	<p>Each task will contribute 25% to the final grade</p>
Examination	No exam in this module	
<p>Key Texts:</p> <p>Cottrell, S. (2005). <i>Critical Thinking Skills</i>. Palgrave Macmillan.</p> <p>Fairbairn, G. and Fairbairn, S. (2001). <i>Reading at University: A Guide for Students</i>. Buckingham, Open University Press.</p> <p>Kumar, A. (2007). <i>Personal, Academic and Career Development in Higher Education: Soaring to Success</i>. Routledge.</p> <p>Whetten, D.A. and Cameron, K.S. (2007). <i>Developing Management Skills</i>. (7th edition). Pearson International Edition. Pearson Education.</p>		

Module code 2110	Module title Research Project	Module leader Bridget Williams
School which owns module	School of Agriculture	
Programme(s) to which module belongs	FdSc Animal Science and Management (core)	
Module level 5	Module credits 15	Prerequisites None
Minimum study time 150 hours	Contact hours within study time 45	Teaching period September - May
Module content		
<p>Skills of independent enquiry; undertake a sustained investigation and analysis into a topic of relevance to their academic and professional development.</p> <p>This module is essentially a student-led independent study module. Given the range of subject matter available, specific content is not relevant. Students will however be guided to develop skills such as time management, analytical skills, critical evaluation of their own and others' work and scientific writing.</p> <p>The learner will carry out a piece of research, which may be either a review of the relevant literature, or an original study involving the collection and analysis of data related to the chosen topic. Topics are to be negotiated between the learner and tutor. A supervisor with some knowledge and experience of the subject will be assigned to the student.</p> <p>This person will support the learner in his/her research on an individual basis. The learner is expected to produce and submit a report of approximately 4,500 words in length, written in an appropriate format, and also deliver a presentation centred on the study.</p>		
Module outcomes		
<p>To achieve credit for this module, students must be able to:</p> <ol style="list-style-type: none"> 1. Select a topic of study for investigation, and assess its feasibility. 2. Evaluate in detail the proposed project, investigate and analyse related past and current work, and prepare a plan of action for the project. 3. Prepare a report to be written in an appropriate format, as agreed with tutor/supervisor. 4. Undertake the delivery of a presentation in which aspects of the literature surrounding the topic, the project and its findings and methodology are discussed. <p>A2, B1-5, C1-3, D1, 3-7.</p>		
Assessment	Description	Weighting
Coursework	Research proposal Written research project 4500 words. Presentation. 15 minute	Pass / Fail 80% 20%
Key texts and information sources:		
<p>Dytham. (2010). <i>Choosing and Using Statistics</i>. Wiley-Blackwell.</p> <p>Fowler, J., Cohen, L. and Jarvis, P. (1998). <i>Practical Statistics for Field Biologists</i>. Wiley & Sons.</p> <p>Ruxton, G and Colegrave N. (2006) <i>Experimental Design for the Life Sciences</i>. OUP Oxford.</p> <p>Petrie, A. and Watson, P. (1999). <i>Statistics for Veterinary and Animal Science</i>. Blackwell Science Ltd. ISBN 0-632-05025-X.</p>		

Module code 2111	Module title Biodiversity, Evolution and Taxonomy	Module leader Katrina Willis
School which owns module	School of Agriculture	
Programme(s) to which module belongs	FdSc Animal Science and Management (core)	
Module level 5	Module credits 15	Prerequisites None
Minimum study time 150 hours	Contact hours within study time 45	Teaching period January - May
Module content Application of the science of systematics and theory of evolution to the study of animal kingdom diversity. The module will provide underpinning knowledge and skills required to accurately and scientifically identify, name and classify a range of animal species. Introduction to phylogenetics, drawing together evolution, taxonomy and population genetics to provide a holistic overview of the animal kingdom.		
Module outcomes To achieve credit for this module, students must be able to: 1. Define and explain the principles of systematics. 2. Evaluate historical and modern theories concerning the origin of species. 3. Contrast the relationship between taxonomy and phylogeny. 4. Apply taxonomic principles to animal diversity. A1-4, B1-3, C2 & 3, D1, 3 & 4.		
Assessment	Description	Weighting
Coursework	Written assignment. 1700 words Poster. 800 words	50% 20%
Examination	End of module exam.2 hours	30%
Key texts and information sources: Adds, J., Larkcom, E. and Miller, R. (2004) <i>Genetics evolution and biodiversity</i> . Nelson Thornes Campbell, N.A. and Reece, J.B. (2008). (8 th edition). <i>Biology</i> . Benjamin/Cummings Publishing Company Inc. Chapman, J.L. and Reiss, M.J. (1999). <i>Ecology: Principles and Applications</i> . Cambridge University Press Leveque, C. and Mounolou, J.C. (2003) <i>Biodiversity</i> . Chichester: Wiley.		

Module code 2112	Module title Breeding Management and Genetics	Module leader Bridget Williams
School which owns module	School of Agriculture	
Programme(s) to which module belongs	FdSc Animal Science and Management (core)	
Module level 5	Module credits 15	Prerequisites None
Minimum study time 150 hours	Contact hours within study time 45	Teaching period January- May
Module content Genetic principles and theories including multiple alleles, epistasis, chromosomal changes, chromosomal sex determination, recombination frequency, gene linkage, and sex linked inheritance. Gene transformation and genetic fingerprinting. Selection and management of breeding individuals, stages of foetal development, hormonal control of oestrus, process of parturition, and common reproductive techniques of AI, embryo, super ovulation, embryo transfer, IVF and cloning. Analysis of breeding techniques for a conserved animal species. Process of dystocia, hand rearing, fostering and weaning. Mating, fertilisation and lactation.		
Module outcomes To achieve credit for this module, students must be able to: 1. Define and explain genetic principles including molecular and population genetics. 2. Discuss the selection and management of animals in a breeding programme. 3. Relate and discuss foetal development and hormonal control of breeding. 4. Analyse the effectiveness of reproductive techniques. A1 & 2, B1-3, C2 & 3, D1, 3 & 4.		
Assessment	Description	Weighting
Coursework	Written assignment. 1500 words	40%
	Practical write-up. 1000 words	20%
Examination	End of module exam. 2 hours	40%
Key texts and information sources: Field, T.G. and Taylor, R.E. (2009) <i>Scientific farm animal production: an introduction to animal science</i> . Prentice- Hall. Mech, L.D. and Boitani, L. (2003). <i>Wolves: Behaviour Ecology and Conservation</i> . University of Chicago Press. Pond, W.G. and Pond, K.R. (2000). <i>Introduction to Animal Science</i> . John Wiley & Sons Inc. Willis, M. B. (1998). <i>Dalton's Introduction to Practical Animal Breeding</i> . Blackwell Science. DVD: <i>Animals in the Womb</i> . Channel 4 TV.		

Module code 2113	Module title Principles of Animal Care Business Management	Module leader Bruce Martin
School which owns module	School of Agriculture	
Programme(s) to which module belongs	FdSc Animal Science and Management (core)	
Module level 5	Module credits 15	Prerequisites None
Minimum study time 150 hours	Contact hours within study time 45	Teaching period September - May
Module content Principles of developing and managing an animal care business. Activities of, and legislation applicable to, animal care businesses, business planning, methods of staff recruitment, managing staff, analysing and monitoring business performance (quantitative techniques) and analysing accounts.		
Module outcomes To achieve credit for this module, students must be able to: 1. Identify business activities and discuss the legislation that applies to them. 2. Develop a business plan. 3. Determine staff recruitment and development policies. 4. Evaluate business performance (quantitative techniques) and analyse accounts. B1, 2 & 5, C1-3, D1-5.		
Assessment	Description	Weighting
Coursework	Business plan for a fictitious animal care business. 2000 words	40%
	Written report 2500 words	60%
Key texts and information sources: ATRILL, P. (2009). <i>Financial Management for Non-Specialists</i> . 5th Ed. Prentice Hall. BROWN, B. (2003) <i>Practical Accounting and Financial Management for Farm and Small Business</i> . Crowood Press Dyson, J.R. (2004). <i>Accounting for Non-Accounting Students</i> . (6 th edition). Pearson. Kirwan, J. (2009). <i>Good small business planning guide: how to make a successful business journey</i> . A & C Black MULLINS, L. (2010), <i>Management and Organisational Behaviour</i> (9th ed.) Pitman Torrington, D., Hall, L. and Taylor, S. (2005). <i>Human Resource Management</i> (6 th edition). Prentice Hall. Wood, F. and Sangster, A. (2002). <i>Business Accounting Volume 1</i> . (9 th edition). Prentice Hall.		

Module code 2114	Module title Animal Law, Welfare and Ethics	Module leader Bridget Williams
School which owns module	School of Agriculture	
Programme(s) to which module belongs	FdSc Animal Science and Management (core)	
Module level 5	Module credits 15	Prerequisites None
Minimum study time 150 hours	Contact hours within study time 45	Teaching period September- January
Module content		
<p>Animal legislation and its implications for the industry and people within the UK. Legal processes, systems, institutes and personnel within the UK and EU. Effect of legal processes and people's ethical / moral viewpoints on animal interactions and industries. Understanding fundamentals and keeping abreast of current developments in order to meet legal obligations. Animal welfare and related organisations and linkages with ethical and moral philosophies and changing attitudes. Roles of various organisations in the maintenance and review of animal law / welfare.</p>		
Module outcomes		
<p>To achieve credit for this module, students must be able to:</p> <ol style="list-style-type: none"> 1. Identify and explain legislative procedures and the legal systems within the UK and Europe. 2. Examine specific animal law and investigate the effectiveness and implications of current legislative provision. 3. Contrast the development of human/animal interactions and the main ethical philosophies. 4. Examine moral / ethical and welfare issues arising from the human/animal interactions. <p>A1 &2, B2 & 5, C3, D1, 3 & 4.</p>		
Assessment	Description	Weighting
Coursework	Written assignment. 2000 words	50%
	Presentation. 15 minutes	10%
Examination	End of module exam. 2 hours	40%
Key texts and information sources:		
<p>Browning, B. (2002). <i>Animal Welfare</i>. Heinemann, London.</p> <p>Firth, L. (2009) <i>The animal rights debate</i>. Cambridge: Independence</p> <p>Fraser, D. (2008) <i>Understanding animal welfare: the science in its cultural context</i>. Oxford: Wiley-Blackwell</p> <p>Garner, R. (2005) <i>Animal ethics</i>. Cambridge: Polity.</p> <p>Grandin, T. (2010) <i>Improving animal welfare: a practical approach</i>. Wallingford: CABI.</p> <p>Up-to-date legal information will mostly be sourced from DEFRA, HMSO and other animal welfare websites, e.g. RSPCA.</p>		

Module code 2115	Module title Exotic Species Management	Module leader Isabelle Collier
School which owns module	School of Agriculture	
Programme(s) to which module belongs	FdSc Animal Science and Management (optional)	
Module level 5	Module credits 10	Prerequisites None
Minimum study time 100 hours	Contact hours within study time 45	Teaching period September - May
Module content		
<p>The module will be mainly theory based with some practical handling in the Animal Centre. The range of subjects covered will include:</p> <ul style="list-style-type: none"> • Relating relevant biology and ecology of a range of exotic species to their effective management in captivity including breeding, nutrition, housing and environmental enrichment. • How to capture, handle, safely restrain (manual and chemical) and transport a range of exotic species. • Risk assessment and safety whilst maintaining these animals in collections; managing risks associated with exotic animals in captivity including dangerous and venomous species. • Analysis of health and welfare of exotics in captivity as well as behavioural enrichment for a range of exotic species. • The laws and treaties that govern the keeping of exotics in captivity including an evaluation of their efficacy and application. • Moral and ethical issues surrounding the trade in and keeping of exotic animals. 		
Module outcomes		
<p>To achieve credit for this module, students must be able to:</p> <ol style="list-style-type: none"> 1. Evaluate the captive requirements of Mammalian, Avian, Reptilian, Amphibian, Fish and Invertebrates, including their accommodation, handling, restraint and transport. 2. Describe risk assessment and safe working practices relating to the keeping of a range of exotic species. 3. Evaluate relevant legislation relating to the keeping of exotics as well as the contrasting moral and ethical viewpoints upon the trade in and keeping of exotic species in captivity. <p>A1-4, B2 & 5, C3, D1, 3 & 4.</p>		
Assessment	Description	Weighting
Coursework	Assignment 1500 words	50%
	Presentation/poster 15 minutes & 1000 words	50%
Key texts and information sources:		
<p>Hosey, G.R. (2009). <i>Zoo Animals: Behaviour, Management and Welfare</i>. Oxford University Press.</p> <p>Kleiman, D. et al. (1997). <i>Wild Mammals in Captivity: Principles and Techniques</i>. University of Chicago Press.</p> <p>Young, R.J. (2003). <i>Environmental Enrichment for Captive Animals (UFAW Animal Welfare)</i>. Blackwell Science (UK).</p> <p>Wharton, D. and Hoyt, M. (2006). <i>The Husbandry and Exhibition of Wild Mammals in Captivity</i>. Academic Press Inc. (London) Ltd.</p>		

Module code 2116	Module title Natural History of Mammals	Module leader Not Chosen 2015-16 Paul Wexler
School which owns module	School of Agriculture	
Programme(s) to which module belongs	FdSc Animal Science and Management (optional)	
Module level 5	Module credits 10	Prerequisites None
Minimum study time 100 hours	Contact hours within study time 35	Teaching period September - May
Module content This module covers a wide range of topics which include: <ul style="list-style-type: none"> • Origins, characteristics, diversity, adaptations of main mammal orders. • The groups within each order. • Their distribution and demographics. • Habitat, lifestyles and territoriality of each order of species. • Characteristics, behaviour and communication. • Socio-biology, hunting techniques and prey species, foraging and preferred, flora, predation defence avoidance. • Reproductive strategies inter and intra specific competition. • Population status, ex-situ breeding evaluation and reintroduction potential. • Welfare and conservation. 		
Module outcomes To achieve credit for this module, students must be able to: <ol style="list-style-type: none"> 1. Discuss the variations in the natural history of carnivores. 2. Compare and contrast the natural history of non-carnivores. 3. Evaluate a range of physiological and anatomical specialisation of aquatic mammals, Chiroptera, monotremes and marsupials. A1-4, B1, 3 & 5, C3, D1, 3, 4 & 7.		
Assessment	Description	Weighting
Coursework	Written assignment. 1500 words Micro-teach presentation. 15 minutes & 1000 word handout.	50% 50%
Key texts and information sources: Nowak, R.M. (1999). <i>Walker's Life of Mammals of the World</i> . (6 th edition). The John Hopkins University. ISBN 0 8018 5789 9. Wharton, D. and Hoyt, M. (2006). <i>The Husbandry and Exhibition of Wild Mammals in Captivity</i> . Academic Press Inc. (London) Ltd.		

Module code 2117	Module title Ecology and Conservation	Module leader Paul Wexler
School which owns module	School of Agriculture	
Programme(s) to which module belongs	FdSc Animal Science and Management (core)	
Module level 5	Module credits 15	Prerequisites None
Minimum study time 150 hours	Contact hours within study time 45	Teaching period September- January
Module content		
<p>This module provides a broad overview of the principles of ecology applicable to a wide range of situations. The distribution and abundance of difference organisms, the physical, chemical, biological features and interactions that determine these distributions and abundance.</p> <p>An introduction to the planet its history and evolution of life that accounts for the current levels and distribution of biodiversity.</p> <p>The conservation management of populations, habitats and species at a local, national and global level and the role of zoos, governments, communities and NGOs play in conserving global biodiversity. The role of emerging technology in the planning and implementation of conservation.</p>		
Module outcomes		
<p>To achieve credit for this module, students must be able to:</p> <ol style="list-style-type: none"> 1. Define fundamental ecological terms, concepts and nutrient cycles, and perform basic ecological techniques. 2. Investigate the factors affecting the distribution of populations and explain the mechanisms governing fluctuations and stability within populations. 3. Evaluate a range of applied local and global conservation strategies including emerging technologies and techniques. 4. Account for global biodiversity, understanding its significance, and how limited resources can be effectively targeted for maximum effect. <p>A1-4, B2 & 5, C3, D1, 3 & 4.</p>		
Assessment	Description	Weighting
Coursework	Written assignment. 1250 words	30%
	Practical (write up) or poster. 1250 words	30%
Examination	End of module exam. 2 hours	40%
Key texts and information sources:		
<p>Bergstorm, R., Duncan, P., Danell, K., and Pastor, J. (2006) <i>Large Herbivore Ecology Ecosystem Dynamics and Conservation</i>. CUP</p> <p>Begon, M. (2006). <i>Ecology: From Individuals to Eco-Systems</i>. Blackwell Publishing Ltd.</p> <p>Krebs, C. J. (2009) <i>Ecology, the experimental analysis of distribution and abundance</i>. Harlow Pearson education.</p> <p>Primack R (2010) <i>Essentials of Conservation Biology</i>. Macmillan Science</p> <p>Pullin, A.S. (2002) <i>Conservation Biology</i>. University Press Cambridge.</p>		

Sheet updated: Sept 2015

Module code 2119	Module title Wildlife Care and Rehabilitation	Module leader Bridget Williams
School which owns module	School of Agriculture	
Programme(s) to which module belongs	FdSc Animal Science and Management (optional)	
Module level 5	Module credits 10	Prerequisites None
Minimum study time 100 hours	Contact hours within study time 35	Teaching period September - May
Module content Identification of species and analysis of their ecology. Common causes of wildlife casualties: mammals, birds and herptiles. Care and treatment of injured, sick and orphaned wildlife. Aspects of handling, restraint, accommodation, nutrition, release and euthanasia.		
Module outcomes To achieve credit for this module, students must be able to: 1. Identify a range of British species and their ecology. 2. Review common causes of injuries and conditions in British wildlife, their capture/restraint techniques and management in captivity. 3. Evaluate the issues regarding rehabilitation or euthanasia. A1-4, B1-3 & 5, C3, D1, 3, 4 & 7.		
Assessment	Description	Weighting
Coursework	Written assignment. 1500 words	50%
	Presentation / poster. 15 minutes & 1000 words	50%
Key texts and information sources: BSAVA. (2003). <i>BSAVA Manual of Wildlife Casualties</i> . BSAVA Fowler, D. (1995). <i>Restraint and Handling of Wild and Domestic Animals</i> . (2 nd edition). Blackwell Science Ltd. Stocker, L. (2005). <i>Practical Wildlife Care</i> . Blackwell Science Ltd, Oxford. Sutherland, W.J. (2000). <i>The Conservation Handbook: Research, Management and Policy</i> . (1 st edition). Oxford England: Blackwell Science Ltd.		

Appendix 2

Programme and Assessment Plan: 2015-2016

Foundation Degree in Animal Science and Management

Course Code LAF0010H1

This table outlines the important programme events for the academic year 2015/2016. Further details of each event will be given to you as the course progresses. All assignment hand in are by 4.00pm on the Friday of that week.

Week beginning	Units Assignments		Residential / Work Experience	Quality Improvement Boards	Other key programme dates
	Hand out	Hand in			
7/9/15					Enrolment Day Friday 11 th September 2015
14/9/15	Introductory Assignment Science Fundamentals		Vocational work experience 1 day per week, minimum 15 days required.		Induction Week Start of First Semester
21/9/15	Animal Husbandry Portfolio Animal Behaviour	Introductory Assignment 25/9/15			
28/9/15	WBL1 Portfolio	<i>Introductory Lab Practical</i> 2/10/15			
5/10/15	Animal Health				
12/10/15					
19/10/15		Science Fundamentals 23/10/15			Staff training day Friday 23/10/15
26/10/15	Study Week				
2/11/15					HE Graduation Salisbury Cathedral 4/11/15
9/11/15					
16/11/15		<i>Health Lab Prac</i> 20/11/15			
23/11/15					
30/11/15		Animal Health 4/12/15			
7/12/15					
14/12/15		<i>Science Fundamentals Lab Practical</i> 18/12/15			
21/12/15	Christmas break				
28/12/15	Christmas break				

4/1/16					Start of Spring term:
11/1/16	EXAM WEEK				
18/1/16	Nutrition & Dietetics Anatomy & Physiology	Animal Behaviour 22/1/16			Staff training day Wednesday 20/1/16
25/1/16					
1/2/16					
8/2/16	Biological Principals	<i>Nutrition & Dietetics Lab Practical</i> 12/2/16			
15/2/16	Study Week				
22/2/16		Nutrition & Dietetics 26/2/16			Staff training day Monday 22/2/16
29/2/16					
7/3/16					
14/3/16		<i>Anatomy & Physiology Lab Prac</i> 18/3/16			
21/3/16		Anatomy & Physiology 24/3/16			Staff training day Thursday 24/3/16 25/3/16 Bank Holiday Good Friday
28/3/16	EASTER BREAK				
4/4/16	EASTER BREAK				
11/4/16					
18/4/16		Animal Husbandry Portfolio 22/4/16			
25/4/16		<i>Biological Principals Lab Prac in 29/4/16</i> Practical assessments Animal Husbandry			Staff training day 26/4/16
2/5/16		Practical assessments Animal Husbandry Biological Principals 6/5/16			2/5/16 Bank Holiday
9/5/16					
16/5/16	EXAM WEEK				
23/5/16					
					30 th May Bank Holiday
	RAU Module Review Board Wednesday 15 th June 2016 RAU Exam Board Monday 20 nd June 2016				
	WBL1 Portfolios to be handed in no later than 4.00pm Friday 28th August 2015				

Appendix 3

Programme and Assessment Plan: 2015-2016

Foundation Degree in Animal Science and Management

Course Code LAF0010H2

This table outlines the important programme events for the academic year 2015/2016. Further details of each event will be given to you as the course progresses. All assignment hand in are by 4.00pm on the Friday of that week.

Week beginning	Units Assignments		Residential / Work Experience	Quality Improvement Boards	Other key programme dates
	Hand out	Hand in			
7/9/15					Enrolment Day Friday 11 th September 2015
14/9/15	Work Based Learning 2 Research Project Animal Law Welfare & Ethics Ecology & Conservation		Vocational work experience 1 day per week, minimum 15 days required.		Induction Week Start of First Semester
21/9/15	Optional unit: Exotics or Wildlife Rehab				
28/9/15	Business Management 1 & 2				
5/10/15		Animal Law Welfare & Ethics Presentation During timetabled sessions			
12/10/15		Animal Law Welfare & Ethics Presentation During timetabled sessions			
19/10/15					Staff training day Friday 23/10/15
26/10/15	Study Week				
2/11/15		Animal Law Welfare & Ethics 6/11/15			HE Graduation Salisbury Cathedral 4/11/15
9/11/15					
16/11/15					
23/11/15		Ecology & Conservation Report 27/11/15 Husbandry Assessments in timetabled lesson			

30/11/15		Research Project Proposal Presentations in timetabled slot Practical Husbandry Assessments in timetabled lesson			
7/12/15		Research Project Proposal Presentations In timetabled sessions			
14/12/15		Ecology & Conservation Species Report 18/12/15 Practical Husbandry Assessments in timetabled lesson			
21/12/15	Christmas break				
28/12/15	Christmas break				
4/1/16					Start of Spring term:
11/1/16	EXAM WEEK				
18/1/16	Business Management Plan Breeding & Genetics Biodiversity	Exotics Assignment or Wildlife Poster/ Presentation 22/1/16			Staff training day Wednesday 20/1/16
25/1/16					
1/2/16		Business Management Plan 5/2/16			
8/2/16					
15/2/16	Study Week				
22/2/16		Biodiversity Poster 26/2/16			Staff training day Monday 22/2/16
29/2/16					
7/3/16		Genetics Lab Practical Report 11/3/16			
14/3/16					
21/3/16		Breeding & Genetics 25/3/16			Staff training day Thursday 24/3/16 25/3/16 Bank Holiday
28/3/16	EASTER BREAK				
4/4/16	EASTER BREAK				
11/4/16		Research Project 15/4/16			
18/4/16		Biodiversity			

		22/4/16			
25/4/16		Business report Research Project presentations in timetabled sessions			Staff training day 26/4/16
2/5/16		Exotics Presentation or Wildlife Assignment 6/5/16 Research Project presentations in timetabled sessions			2/5/16 Bank Holiday 8 th May ARC Open Day
9/5/16					
16/5/16	EXAM WEEK	WBL2 Presentations			
23/5/16					
30/5/16	Half Term				30 th May Bank Holiday
6/6/15	Work Based Learning 2 Portfolio 6 th June 2016				
	RAU Module Review Board Wednesday 15 th June 2016 RAU Exam Board Monday 20 nd June 2016				