

**University of Plymouth**

**Academic Partnerships**

**CORNWALL COLLEGE**

**NEWQUAY**

**Programme Specification**

**BSc (Hons) APPLIED ZOOLOGY AND  
CONSERVATION**

**Academic Year 2022-2023**



*If you require any part of this document in larger print, or an alternative format, please contact:*

HE Operations

E-mail: *(CCHEA@cornwall.ac.uk)*

**Please note:**

All the information in this document is correct at the time of printing.

The Cornwall College Group is proud of its teaching and research and it undertakes all reasonable steps to provide educational services in the manner set out in this document and in any documents referred to within it. It does not, however, guarantee the provision of such services. Should industrial action or circumstances beyond the control of the College interfere with its ability to provide educational services, the University undertakes to use all reasonable steps to minimise the resultant disruption to those services.



# PROGRAMME SPECIFICATION

**Programme Title:** BSc (Hons) Applied Zoology and Conservation

**Internal Programme Code:** FT 4899, FT (4YR) 4900, PT 7368

**Partner Delivering Institution:** Cornwall College, Newquay

**Start Date:** September 2022

**First Award Date:** July 2025 Full Time, July 2028 Part Time

**Date(s) of Revision(s) to this Document:** Sep 2018/ 28<sup>th</sup> July 2020/ 25<sup>th</sup> November 2021/27<sup>th</sup> July 2022

## Contents

PS1. Programme Details.....	4
PS2. Brief Description of the Programme .....	4
PS3. Details of Accreditation by a Professional/Statutory Body (If Appropriate) .....	5
PS4. Exceptions to Plymouth University Regulations .....	5
PS5. Programme Aims.....	5
PS6. Programme Intended Learning Outcomes (ILO) .....	6
PS7. Distinctive Features.....	6
• SINNG (Student Invasive and Non-Native Group) is a DEFRA funded, national award-winning student-led local action group.....	7
PS8. Student Numbers.....	7
PS9. Progression Route(s).....	8
PS10. Admissions Criteria .....	8
PS11. Academic Standards and Quality Enhancement.....	9
PS12. Programme Structure .....	11
PS13. Explanation and Mapping of Learning Outcomes, Teaching & Learning and Assessment.....	14
PS14. Work Based/ Related Learning .....	47
PS15. Module Summary .....	49

## PS1. Programme Details

<b>Awarding Institution:</b>	University of Plymouth
<b>Partner Institution and delivery site (s):</b>	Cornwall College, Newquay
<b>Accrediting Body:</b>	N/A
<b>Language of Study:</b>	English
<b>Mode of Study:</b>	Full Time Over 3 Years or 4 Years and Part Time Over 6 Years
<b>Final Award:</b>	BSc (Hons)
<b>Intermediate Award:</b>	Certificate of Higher Education (CertHE) Diploma of Higher Education (DipHE) Ordinary Degree (BSc)
<b>Programme Title:</b>	Applied Zoology and Conservation
<b>UCAS Code:</b>	<b>0V47</b>
<b>HECOS Code:</b>	100880. 100469
<b>Benchmarks:</b>	The standards referred to for the development of this award are the QAA subject benchmarking document for Biosciences (2007). The management and delivery of the programme is in accordance with the precepts of the QAA Code of Practice.
<b>Date of Programme Approval:</b>	06 May 2014

## PS2. Brief Description of the Programme

The BSc (Hons) Applied Zoology and Conservation is a full-time three-year course designed to equip students with the necessary skills and knowledge to work within the field of conservation. Modules cover a range of subjects from anatomy and physiology to behaviour, population and habitat management.

There is an emphasis on practical application using both national and international examples, and on utilising field specialists within the institute and externally as guest speakers to discuss current issues and research in zoological conservation.

The course is delivered at Cornwall College Newquay which is ideally located for field-based observation, with terrestrial and marine sites including Areas of Outstanding Natural Beauty (AONB) such as Trevoze Head and Bedruthan Steps, Special Areas of Conservation (SAC) including Breney Common and Goss and Tregoss Moor (JNCC 2014), and newly designated Marine Conservation Zones (MCZ) including Padstow Bay and surrounds (DEFRA 2013). The location and the colleges close links with advisory bodies such as Natural England, Inshore Fisheries and Conservation Authorities (IFCA), and Cornwall Wildlife Trust allow students to study and participate in conservation and management of the local area as it happens.

Students will have the option of taking a placement year between Stage 2 and 3, this will require a total of 26 weeks on placement with either a single or multiple relevant employers/organisations. Students will need to opt for the placement year by the end of Stage 1. During the placement year

students will need to conduct an independent research project and will be supported in the lead up to the placement and throughout by a placement year supervisor. The research conducted as part of the placement year project cannot be used for the Honours Project in Stage 3.

Students are also required to complete a minimum of 100 hours work experience throughout the course of the three-year programme. This can be completed through contribution to national taxon specific surveys such as bird and sea mammal observation for Seaquest South West, or the National Swift Inventory through the RSPB. Students can also organise their own work placement either within the UK or abroad, with previous placements including Secret World Wildlife Rescue, Natural England within the UK and The Great Gorilla Project in Uganda, and the Caprivi Carnivore Project in Namibia. This allows students to develop their practical skills and apply theory to practice. The students will evaluate their work experience as part of the Zoological Conservation in Practice module (Level 5).

### **PS3. Details of Accreditation by a Professional/Statutory Body (If Appropriate)**

None noted at this time.

### **PS4. Exceptions to Plymouth University Regulations**

*(Note: Plymouth University's Academic Regulations are available internally on the intranet:*

<https://www.plymouth.ac.uk/student-life/your-studies/essential-information/regulations>

None.

### **PS5. Programme Aims**

**This programme will deliver:**

- A1. Provide a conceptual understanding of Applied Zoology & Conservation that enables the student to devise and sustain arguments, and/or to solve problems, using ideas and techniques, some of which are at the forefront of zoology and conservation.
- A2. Offer the opportunity of developing the qualities and transferable skills necessary for employment in zoology and conservation, including skills required for effective team work, project management and communication delivered through applied teaching and work experience placements.
- A3. Offer a broad, relevant and contemporary curriculum, enriched by the scholarly activity of staff and support of employers in the sector.
- A4. Provide opportunities to develop students' field based practical skills, laboratory based practical skills and experiential learning in aspects of Applied Zoology and Conservation.
- A5. Develop autonomous learning skills including academic research skills. Promoting students' ability to critically analyse, assess and evaluate data gathered both in the field and through

scientific literature, all required attributes for natural career development or progression academically.

## PS6. Programme Intended Learning Outcomes (ILO)

By the end of this programme the student will be able to:

- LO1. Evaluate the political and socioeconomic factors which form and influence zoological conservation and recognise the ethical implications of zoological conservation, demonstrating an understanding of the roles and responsibilities of regulatory and advisory bodies.
- LO2. Effectively communicate information, arguments and analysis, in a variety of forms, to specialist and non-specialist audiences, and deploy key techniques in the study of zoological conservation and in a work context.
- LO3. Demonstrate knowledge of the main methods of enquiry in zoological conservation, and the ability to evaluate critically the appropriateness of different approaches to solving problems in zoological conservation and apply these in a work context.
- LO4. Relate the biological factors limiting the populations of animals to the management of animal collections both in the wild and in captivity.
- LO5. Present an accurate understanding of zoology at a variety of levels (from molecular to ecological systems) and put this into context of evolutionary theory.
- LO6. Demonstrate a range of practical observation, survey and analytical skills appropriate for conservation management.
- LO7. Critically evaluate their role within a relevant work placement conducted during the course of the programme.

## PS7. Distinctive Features

The distinctive features of the course involve:

### **Location:**

- Cornwall College's Newquay campus benefits from its location with a range of terrestrial and marine habitats on our doorstep, allowing for experiential and applied methods of learning zoology and conservation.
- We are located right next to our partner, Newquay Zoo, which the students have free access and priority work placements with.

### **Facilities:**

- The campus at Newquay is small and friendly with a low staff to student ratio which means smaller class sizes allowing a more supportive and personal learning environment. It is surrounded by its own grounds and gardens and is adjacent to Newquay Zoo and Trenance Park. The college also has two classrooms on Tolcarne beach.

### **Partnerships and industry links:**

- The college has direct industry partnerships with Newquay Zoo and Blue Reef Aquarium.
- Partnership with local marine ecotourism operators enables boat-based survey experience to be easily accessible to students.
- The programme benefits from well-established links to local, national and international conservation organisations providing excellent opportunities for students to develop skills and knowledge needed for employment in the field.
- Links with a wide range of zoos, museums and aquaria provide excellent experience for developing students' abilities to interpret the natural world and apply zoology and conservation-based theory to *ex situ* conservation strategies.

**Teaching and learning:**

- This programme will deliver a detailed theoretical knowledge and understanding of zoology and conservation and also develop strong practical skills in data collection, including contribution to national taxon specific surveys.
- There will be opportunities for students to gain experience in funding, managing and communicating the findings of a conservation-based project. These are listed as essential skills by high profile employers in the sector such as National Trust, RSPB, and Natural England.
- A variety of trips to local facilities such as the Cornish Seal Sanctuary, Screech Owl Sanctuary, National Marine Aquarium, Paignton Zoo and Dartmoor Zoo are used to enhance the curriculum. Optional fieldtrip opportunities are available to Portugal, Egypt and Borneo.
- Strong pastoral support and small group academic teaching delivered by readily accessible academic and support staff.

**Staff:**

- The teaching staff are active in both marine and terrestrial ecology and biology. Staff are members and committee members of Cornwall Reptile and Amphibian Group (CRAG), Cornwall Mammal Group and The Mammal Society.
- Teaching staff are active in voluntary marine conservation with groups in the area such as British Divers Marine Life Rescue, Cornwall Seal Group and various local marine groups such as the St Agnes and Newquay Marine Conservation Groups, Cornwall Wildlife Trust projects (Strandings programme, Seaquest, PANACHE, Intertidal discovery).
- Teaching staff are research active with members of staff on the editorial boards of a number of zoology and conservation-based research journals.

**Students:**

- SINNG (Student Invasive and Non-Native Group) is a DEFRA funded, national award-winning student-led local action group

## PS8. Student Numbers

*The following provides information that should be considered nominal, and therefore not absolutely rigid, but is of value to guide assurance of the quality of the student experience, functional issues around enabling progression opportunities to occur and staffing and resource planning:*

*Minimum student numbers per stage = 12*

*Target student numbers per stage = 16*

*Maximum student numbers per stage = 20*

## PS9. Progression Route(s)

Graduates will also be encouraged to consider progression on to appropriate Masters study, or supported in their pursuit of employment opportunities.

The contribution of marks from prior levels of study to the progression award is governed by University regulations.

## PS10. Admissions Criteria

Entry Criteria (Qualifications)	Details
Functional Skills	L2 Literacy and L2 Numeracy
GCSE (or equivalent)	Minimum of Grade C/grade 4 in Maths, English Language and Science (if science-based programme)
AS/A Levels	HNC/HND/Fd - 48 UCAS tariff points to include at least 32 points from A2 level in appropriate subjects
BTEC National Diploma/Extended Diploma	HNC/HND/Fd – 48 UCAS tariff points – PPP grades in an appropriate subject
BTEC L3 Diploma	HNC/HND/Fd – 48 UCAS tariff points –
BTEC 90 Credit Diploma/Subsidiary Diploma	HNC/HND/Fd – 48 UCAS tariff points – in an appropriate subject and considered only with combination of other relevant level 3 qualifications
City & Guilds (land based) L3 Diploma	*L3 Diploma - HNC/HND/Fd – 48 UCAS tariff points – M grades in an appropriate subject *Usually accepted in combination with other relevant L3 qualifications
City & Guilds (land based) Extended Diploma	HNC/HND/Fd – 48 UCAS tariff points - P grades in an appropriate subject
City & Guilds (land based) Advanced Technical Extended Diploma	HNC/HND/Fd – 48 UCAS tariff points – PPP grades in an appropriate subject
City & Guilds (land based) Subsidiary Diploma	HNC/HND/Fd – 48 UCAS tariff points – D grades in an appropriate subject
City & Guilds (land based) 90 Credit Diploma	HNC/HND/Fd – 48 UCAS tariff points – M grades in an appropriate subject
Access to HE Diploma	Successful completion of Access to HE Diploma with at least 45 credits at level 3 in an appropriate subject
International Baccalaureate	24 points
Irish/Scottish Highers	HNC/HND/Fd - 48 UCAS tariff points to include at least 32 points from Scottish Advanced Highers/Irish Highers
Other Level 3 qualifications	Will be taken into consideration and dependent upon subject area and number of units studied
Mature Applicants (over 21)	Mature applicants with relevant experience but without the stated entry qualifications will be considered individually at interview



Accreditation of Prior Learning	
Independent Safeguarding Agency (ISA)/Disclosure and Barring Service (DBS) clearance required	
Capability statement	

## PS11. Academic Standards and Quality Enhancement

*The Programme Leader/Manager (or the descriptor) leads the Programme Committee in the Plymouth University's annual programme monitoring process (APM), as titled at the time of approval. APM culminates in the production, maintenance and employment of a programme level Action Plan, which evidences appropriate management of the programme in terms of quality and standards. Any formally agreed changes to this process will continue to be followed by the Programme Leader/Manager (or other descriptor) and their Programme Committee.*

An Interim visit by External Examiner (EE) (usually between January and February) will review work that has been marked, consult students and feed back to the programme manager and module leaders and course team.

Subject Assessment Panel (SAP) reviews the assessment marking and is scrutinised by the subject EE. Representatives of the team review and present their module marks for each student on the programme.

The annual Award Assessment Board (AAB) takes place with Programme Manager, the awarding body's partnership member and the External to receive the students work and confer progression or award.

### Additional stakeholders specific to this programme:

Students have the opportunity to discuss the programme independently, twice a year in the Student Review. This forms part of the discussion for the annual programme monitoring in the autumn and spring of each academic year.

The Student Perception Questionnaire (SPQ) is administered during the year and feeds into the programme review.

Students Representatives attend Annual Programme Monitoring (APM) to contribute student views alongside Module Leaders, the Programme Manager and the Assistant Registrar to monitor module delivery and the course provision.

Curriculum meetings take place once a month to review progression, department provision, resources and staffing.

Employers are invited to an Employer's Forum held twice a year, whereby development of programme, modules, assessment and further employer links for work-related study and work experience placements are discussed and embedded into the programme. Current students on the programme will be asked to elect a student representative from each year. This student will be provided with regular time slots within the group tutorial slot to hold an open discussion with their fellow colleagues, highlighting any issues that need raising, these points are then brought to the student representative meetings attended by a member of the senior management, a member of the student union, and a senior tutor. Minutes of these meetings are passed on to the relevant management level for action. All current students will contribute towards course development though

termly student review meetings, held within group tutorials, and end of module reviews- with particular emphasis on assessment type and range, and sector specific skills development.

## PS12. Programme Structure

<b>College:</b>	<b>Cornwall College, Newquay</b>	<b>Programme Title:</b>	<b>BSc (Hons) Applied Zoology &amp; Conservation</b>
<b>Academic Year:</b>	<b>2022-2023</b>	<b>Mode of Attendance &amp; Course Duration:</b>	<b>Full Time Over 3 Years</b>
<b>Plymouth Programme Code:</b>	<b>4899</b>	<b>Total Credits:</b>	<b>120 Credits at Level 4 120 Credits at Level 5 120 Credits at Level 6</b>

<b>BSc (Hons) Applied Zoology and Conservation (Full Time: 4899)</b>				
<b>F/T Route Year</b>	<b>When in Year? (I.e. Autumn, Spring etc.)</b>	<b>Core or Optional Module</b>	<b>Credits</b>	<b>Module</b>
<b>FHEQ Level 4: (Year 1 – Stage 1) (120 Credits)</b>				
1	All Year	Core	20	CORN163 Animals and their Environment
1	All Year	Core	20	CORN1000 Fundamentals of Biology
1	All Year	Core	20	CORN1001 Field Survey Techniques
1	All Year	Core	20	CORN1002 Diversity, Classification and Evolution
1	All Year	Core	20	CORN1003 Health and Welfare of Animals
1	All Year	Core	20	CORN1005 Key Professional Skills
<b>FHEQ Level 5: (Year 2 – Stage 2) (120 Credits)</b>				
2	All Year	Core	20	CORN241 Vertebrate Zoology & Conservation
2	All Year	Core	20	CORN273 Population Genetics and Community Ecology
2	All Year	Core	20	CORN276 Research Methods and GIS for Zoology
2	All Year	Core	20	CORN2016 Global Conservation Issues
2	All Year	Core	20	CORN2022 Zoological Conservation in Practice
2	All Year	Optional	20	CORN278 Primate Behaviour and Conservation
2	All Year	Optional	20	CORN292 Advanced Ecology and Survey Techniques
2	All Year	Optional	20	CORN2017 Behavioural Ecology
2	All Year	Optional	20	CORN2018 Marine Vertebrate Biology and Conservation
<b>FHEQ Level 6: (Year 3 – Stage 3) (120 Credits)</b>				
3	All Year	Core	20	CORN306 Application of Zoology
3	All Year	Core	20	CORN314 Conservation Project Management
3	All Year	Core	20	CORN315 Conservation Genetics
3	All Year	Core	40	CORN328 Honours Project
3	All Year	Optional	20	CORN304 Zoology and Conservation of Aquatic Ecosystems
3	All Year	Optional	20	CORN313 Wildlife Conservation
3	All Year	Optional	20	CORN316 Monitoring Marine Ecosystems

*\*NB: No optional module will run with less than 6 students. Any exception to this will need to be agreed with the relevant Head of Department.*

<b>College:</b>	<b>Cornwall College, Newquay</b>	<b>Programme Title:</b>	<b>BSc (Hons) Applied Zoology &amp; Conservation</b>
<b>Academic Year:</b>	<b>2022-2023</b>	<b>Mode of Attendance &amp; Course Duration:</b>	<b>Full Time Over 4 Years</b>
<b>Plymouth Programme Code:</b>	<b>4900</b>	<b>Total Credits:</b>	<b>120 Credits at Level 4 120 Credits at Level 5 120 Credits at Level 6</b>

<b>BSc (Hons) Applied Zoology and Conservation (Full Time (4YR): 4900)</b>				
<b>F/T Route Year</b>	<b>When in Year? (I.e. Autumn, Spring etc.)</b>	<b>Core or Optional Module</b>	<b>Credits</b>	<b>Module</b>
<b>FHEQ Level 4: (Year 1 – Stage 1) (120 Credits)</b>				
1	All Year	Core	20	CORN163 Animals and their Environment
1	All Year	Core	20	CORN1000 Fundamentals of Biology
1	All Year	Core	20	CORN1001 Field Survey Techniques
1	All Year	Core	20	CORN1002 Diversity, Classification and Evolution
1	All Year	Core	20	CORN1003 Health and Welfare of Animals
1	All Year	Core	20	CORN1005 Key Professional Skills
<b>FHEQ Level 5: (Year 2 – Stage 2) (120 Credits)</b>				
2	All Year	Core	20	CORN241 Vertebrate Zoology & Conservation
2	All Year	Core	20	CORN273 Population Genetics and Community Ecology
2	All Year	Core	20	CORN276 Research Methods and GIS for Zoology
2	All Year	Core	20	CORN2016 Global Conservation Issues
2	All Year	Core	20	CORN2022 Zoological Conservation in Practice
2	All Year	Optional	20	CORN278 Primate Behaviour and Conservation
2	All Year	Optional	20	CORN292 Advanced Ecology and Survey Techniques
2	All Year	Optional	20	CORN2017 Behavioural Ecology
2	All Year	Optional	20	CORN2018 Marine Vertebrate Biology and Conservation
<b>FHEQ Level 6: (Year 3 – Stage 3) (120 Credits)</b>				
3	All Year	Core	20	CORN306 Application of Zoology
3	All Year	Core	20	CORN314 Conservation Project Management
3	All Year	Core	20	CORN315 Conservation Genetics
3	All Year	Core	40	CORN328 Honours Project
3	All Year	Optional	20	CORN304 Zoology and Conservation of Aquatic Ecosystems
3	All Year	Optional	20	CORN313 Wildlife Conservation
3	All Year	Optional	20	CORN316 Monitoring Marine Ecosystems
<b>Year 3 or 4: Placement Year</b>				
4	All Year	Core	0	CORN326 Placement Project

College:	Cornwall College, Newquay	Programme Title:	BSc (Hons) Applied Zoology & Conservation
Academic Year:	2022-2023	Mode of Attendance & Course Duration:	Part Time Over 6 Years (Indicative)
Plymouth Programme Code:	7368	Total Credits:	120 Credits at Level 4 120 Credits at Level 5 120 Credits at Level 6

BSc (Hons) Applied Zoology and Conservation (Part Time: To Be Allocated) (Indicative)				
P/T Route Year	When in Year? (I.e. Autumn, Spring etc.)	Core or Optional Module	Credits	Module
<b>FHEQ Level 4: (Year 1 – Stage 1) (60 Credits)</b>				
1	All Year	Core	20	CORN1000 Fundamentals of Biology
1	All Year	Core	20	CORN1002 Diversity, Classification and Evolution
1	All Year	Core	20	CORN1003 Health and Welfare of Animals
<b>FHEQ Level 4: (Year 2 – Stage 1) (60 Credits)</b>				
2	All Year	Core	20	CORN163 Animals and their Environment
2	All Year	Core	20	CORN1001 Field Survey Techniques
2	All Year	Core	20	CORN1005 Key Professional Skills
<b>FHEQ Level 5: (Year 3 – Stage 2) (60 Credits)</b>				
3	All Year	Core	20	CORN241 Vertebrate Zoology & Conservation
3	All Year	Core	20	CORN273 Population Genetics and Community Ecology
3	All Year	Core	20	CORN2016 Global Conservation Issues
<b>FHEQ Level 5: (Year 4 – Stage 2) (60 Credits)</b>				
4	All Year	Core	20	CORN276 Research Methods and GIS for Zoology
4	All Year	Core	20	CORN2022 Zoological Conservation in Practice
<b>Students to Select One Optional Module from Those Noted Below</b>				
4	All Year	Optional	20	CORN278 Primate Behaviour and Conservation
4	All Year	Optional	20	CORN292 Advanced Ecology and Survey Techniques
4	All Year	Optional	20	CORN2017 Behavioural Ecology
4	All Year	Optional	20	CORN2018 Marine Vertebrate Biology and Conservation
<b>FHEQ Level 6: (Year 5 – Stage 3) (80 Credits)</b>				
5	All Year	Core	20	CORN314 Conservation Project Management
5	All Year	Core	20	CORN315 Conservation Genetics
5	All Year	Core	40	CORN328 Honours Project
<b>FHEQ Level 6 (Year 6 – Stage 3) (40 Credits)</b>				
6	All Year	Core	20	CORN306 Application of Zoology

6	All Year	Optional	20	CORN304 Zoology and Conservation of Aquatic Ecosystems
6	All Year	Optional	20	CORN313 Wildlife Conservation
6	All Year	Optional	20	CORN316 Monitoring Marine Ecosystems

## PS13. Explanation and Mapping of Learning Outcomes, Teaching & Learning and Assessment

Developing graduate attributed and skills, at any level of HE, is dependent on the clarity of strategies and methods for identifying the attributes and skills relevant to the programme and where and how these are operationalised. The interrelated factors of Teaching, Learning and Assessment and how these are inclusive in nature, are fundamentally significant to these strategies and methods, as are where and how these are specifically distributed within the programme.

Ordered by graduate attributes and skills, the following table provides a map of the above, plus an exposition to describe and explain the ideas and strategy of each. Therefore, subsequent to the initial completion for approval, maintenance of this table as and when programme structure changes occur is also important:

Level 4: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
<p><b>Knowledge / Understanding:</b> For this <b>bachelor level</b> programme, the following has been informed by the QAA Subject Benchmark(s): <b>Bioscience (2015)</b></p> <p>Engagement with the essential facts, major concepts, principles and theories associated with the chosen discipline. Knowledge of the processes and mechanisms that have shaped the natural world in terms, for example, of the spread of time from the geological to the present and of complexity from the environmental to the cellular. The influence on living systems of human activities (and the converse) could also be considered</p> <p>Threshold standard:</p> <ul style="list-style-type: none"> <li>Describe how organisms are classified and identified.</li> </ul>	<p><b>Primary:</b> Lectures and tutorials</p> <p>Practical laboratory and husbandry sessions</p> <p>Industry visits</p> <p>Guided independent study</p> <p>Learning from extended work placements</p> <p><b>Secondary/Supplementary:</b> Site visits to animal collections, Natural History Museum, Eden Project.</p> <p>Additional lecture information available on VLE- Moodle.</p>	A1, A3, A4, A5	LO1, LO2, LO3, LO6	Essays In class tests Exams Management plans Reports Poster/ presentations	<p><b>Level 4</b> CORN163: Animals and their Environment</p> <p>CORN1002: Diversity, Classification and Evolution</p> <p>CORN1000: Fundamentals of Biology</p>

Level 4: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
<ul style="list-style-type: none"> <li>Describe mechanisms for the life processes and appreciate how the physiology of an organism fits its environment.</li> <li>Describe the place of the organisms studied in the living world.</li> <li>Have an understanding of the explanation of biological phenomena at a variety of levels (from molecular to ecological systems) and be able to explain how evolutionary theory is relevant to their area of study.</li> <li>Demonstrate awareness of human interactions with natural populations and ecosystems, including habitat modification, pollution, exploitation and conservation.</li> </ul>					
<p>Competence in the basic experimental skills appropriate to Zoology and Conservation. Threshold standard:</p> <ul style="list-style-type: none"> <li>Have ability in a range of practical bioscience techniques, including data collection, analysis and interpretation of those data, and testing of hypotheses</li> </ul>	<p><b>Primary:</b> Lectures Independent guided study  Practical workshops</p> <p><b>Secondary/Supplementary:</b> Site visits to Electron Microscope, MBA</p>	A1, A4, A5	LO3, LO4, LO8	Reports Assessed practicals In class tests Exams	<p><b>Level 4</b> CORN1005: Key Professional Skills</p> <p>CORN1001 Field Survey Techniques</p> <p>CORN1000: Fundamentals of Biology</p>



Level 4: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
	<p>Guest workshops run by ecological consultants and specialists.</p> <p>Additional lecture information available on VLE- Moodle.</p>				<p>CORN1002: Diversity, Classification and Evolution</p> <p>CORN1003: Health and Welfare of Animals</p> <p>CORN163: Animals and their Environment</p>
<p>By the end of this level of this programme the students will be able to demonstrate a knowledge of a range of communication techniques and methodologies relevant to zoology and conservation, including data analysis and the use of statistics.</p> <p>Threshold standard:</p> <ul style="list-style-type: none"> <li>Be able to access bioscience information from a variety of sources and to communicate the principles in a manner appropriate to the programme of study</li> </ul>	<p><b>Primary:</b></p> <p>Independent guided study Practical workshops</p> <p>Group seminars/ group work</p> <p><b>Secondary/Supplementary:</b></p> <p>Research seminars</p> <p>Additional lecture information available on VLE- Moodle.</p>	A1, A2, A5	LO2, LO3	<p>Essays Management plans Reports Poster/ presentations</p>	<p><b>Level 4</b></p> <p>CORN1005: Key Professional Skills</p>
<p><b>An exposition for embedding Knowledge and Understanding through Teaching &amp; Learning and Assessment at this level of the programme:</b></p> <p>The learner has demonstrated a given factual and/or conceptual knowledge base with emphasis on the nature of the field of study and appropriate terminology and can demonstrate awareness of ethical issues associated with the subject.</p>					
<p><b>Cognitive and Intellectual Skills:</b></p> <p>For this <b>bachelor level</b> programme, the following has been informed by the QAA Subject Benchmark(s): <b>Bioscience (2015)</b></p>					

Level 4: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
<p>By the end of this level of this programme the students will be able to demonstrate an appreciation of the complexity and diversity of life processes through the study of organisms, their molecular, cellular and physiological processes, their genetics and evolution, and the interrelationships between them and their environment.</p> <p>A threshold pass:</p> <ul style="list-style-type: none"> <li>• Describe the structure, diversity and reproduction of the organisms studied</li> <li>• Describe basic organism structure and diversity</li> <li>• Describe mechanisms for the life processes and appreciate how the physiology of an organism fits it for its environment show knowledge of the basic genetic principles relating to, and evolution of, the organisms studied</li> <li>• Describe the place of the organisms studied in the living world.</li> <li>• Appreciate the importance of the 'behaviour' of the organisms studied.</li> <li>• Demonstrate knowledge of biogeochemical cycles and pathways</li> <li>• Describe and exemplify nutrient and energy flow through individuals, populations and communities</li> </ul>	<p><b>Primary:</b> Lectures Independent guided study Practical workshops Group seminars/group work</p> <p><b>Secondary/Supplementary:</b> Research seminars Additional lecture information available on VLE- Moodle.</p>	A1, A4, A5	LO4, LO5, LO6	Essays Management plans Reports Poster/ presentations	ALL CORE MODULES

Level 4: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
<ul style="list-style-type: none"> <li>Describe and exemplify patterns of distribution of organisms in relation to biotic and abiotic factors</li> <li>Demonstrate knowledge of population processes, dynamics and interactions, and associated theoretical models</li> <li>Demonstrate knowledge of community structure, development, biodiversity, and associated theoretical models</li> <li>Demonstrate awareness of human interactions with natural populations and ecosystems, including habitat modification, pollution, exploitation and conservation</li> </ul>					
<p>By the end of this level of this programme the students will be able to demonstrate the ability to read and use appropriate literature with a full and critical understanding, while addressing such questions as content, context, aims, objectives, quality of information, and its interpretation and application.</p> <p>Threshold standard:</p> <ul style="list-style-type: none"> <li>Be able to access bioscience information from a variety of sources and to communicate the principles in a manner appropriate to the programme of study.</li> </ul>	<p><b>Primary:</b> Lectures Independent guided study Practical workshops Group seminars</p> <p><b>Secondary/Supplementary:</b> Additional information and tasks available on VLE-Moodle</p>	A1, A2, A4, A5	LO2, LO3, LO6	Literature reviews Essay Reports Presentations.	<p><b>Level 4</b> CORN1005: Key Professional Skills</p> <p>CORN1002: Diversity, Classification and Evolution</p>
<p>By the end of this level of this programme the students will be able to demonstrate the ability</p>	<p><b>Primary:</b> Independent guided study Practical workshops</p>	A1, A2, A4, A5	LO2, LO3, LO6	Assessed practicals In class tests	<p><b>Level 4</b> CORN1005: Key Professional Skills</p>

Level 4: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
<p>to think independently, set tasks and solve problems.</p> <p>Threshold standard:</p> <ul style="list-style-type: none"> <li>Have ability in a range of practical bioscience techniques, including data collection, analysis and interpretation of those data, and testing of hypotheses</li> </ul>	<p><b>Secondary/Supplementary:</b> Additional information and tasks available on VLE-Moodle</p>			<p>Exams Project report and presentations</p>	<p>CORN1002: Diversity, Classification and Evolution</p>
<p>By the end of this level of this programme the students will be able to demonstrate, analyse, synthesise and summarise information critically, including published research or reports.</p> <p>Threshold standard:</p> <ul style="list-style-type: none"> <li>Be able to access bioscience information from a variety of sources and to communicate the principles in a manner appropriate to the programme of study</li> </ul>	<p><b>Primary:</b> Lectures Independent guided study Practical workshops Group seminars</p> <p><b>Secondary/Supplementary:</b> Additional information and tasks available on VLE-Moodle</p>	<p>A1, A2, A4, A5</p>	<p>LO2, LO3, LO6</p>	<p>Literature reviews Essays Reports Presentations</p>	<p><b>Level 4</b> CORN1005: Key Professional Skills</p> <p>CORN1002: Diversity, Classification and Evolution</p>
<p>By the end of this level of this programme the students will be able to demonstrate obtain and integrate several lines of subject-specific evidence to formulate and test hypotheses.</p> <p>Threshold standard:</p> <ul style="list-style-type: none"> <li>Be able to plan, execute and present an independent piece of hypothesis-driven work (e.g. a project) within a supported framework in which qualities such as time management, problem solving, and independence are evident</li> </ul>	<p><b>Primary:</b> Lectures Independent guided study Practical workshops Group seminars</p> <p><b>Secondary/Supplementary:</b> Additional information and tasks available on VLE-Moodle</p>	<p>A1, A2, A4, A5</p>	<p>LO1, LO2, LO3, LO5, LO6</p>	<p>Reports Presentations Practical workshops Assessed practicals</p>	<p><b>Level 4</b> CORN1000: Fundamentals of Biology</p> <p>CORN1001 Field Survey Techniques</p> <p>CORN1005: Key Professional Skills</p>

Level 4: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
<p>By the end of this level of this programme the students will be able to demonstrate recognise the moral and ethical issues of investigations and appreciate the need for ethical standards and professional codes of conduct.</p> <p>Threshold standard:</p> <ul style="list-style-type: none"> <li>Have some understanding of ethical issues and the impact on society of advances in the biosciences</li> </ul>	<p><b>Primary:</b> Lectures Independent guided study Practical workshops</p> <p><b>Secondary/Supplementary:</b> Visits to collections and such as Natural History Museum, Paignton Zoo, Dartmoor Zoo</p>	A1, A3, A5	LO1, LO2	Debate Reports Presentations	<p><b>Level 4</b> CORN1000: Fundamentals of Biology</p> <p>CORN1001 Field Survey Techniques</p> <p>CORN1005: Key Professional Skills</p> <p>CORN163: Animals and their Environment</p>
<p><b>An exposition for embedding Cognitive and Intellectual Skills through Teaching &amp; Learning and Assessment at this level of the programme:</b></p> <p>The learner has demonstrated the ability to analyse with guidance given classifications/guidance, can collect and categorise ideas and information in a predictable and standard format, can evaluate the reliability of data using defined techniques and/or tutor guidance and can apply given tools/methods accurately and carefully to a well-defined problem and begin to appreciate the complexity of the issues.</p>					
<p><b>Key Transferable Skills:</b></p> <p>For this <b>bachelor level</b> programme, the following has been informed by the QAA Subject Benchmark(s): <b>Bioscience (2015)</b></p> <p>By the end of this level of this programme the students will be able to communicate about their subject appropriately to a variety of audiences using a range of formats and approaches, using appropriate scientific language.</p> <p>A threshold pass:</p>	<p><b>Primary:</b> Lectures Seminars Guided independent study Workshops</p>	A2, A3, A5	LO1, LO7	Posters Presentations and digital displays Personal evaluation Viva voce	ALL CORE MODULES

Level 4: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
<ul style="list-style-type: none"> <li>• Be able to access bioscience information from a variety of sources and to communicate the principles in a manner appropriate to the programme of study</li> <li>• Recognise and respect the views and opinions of other team members including negotiating skills</li> <li>• Evaluate performance as an individual and a team member; evaluate the performance of others</li> </ul>	<b>Secondary/Supplementary:</b> Guided practical and laboratory experience Guest lectures and visits Attendance at Cornwall College Newquay Research and Scholarly day Work placement			Management plan	
<p><b>An exposition for embedding Key Transferable Skills through Teaching &amp; Learning and Assessment at this level of the programme:</b>            The learner can work effectively with others as members of a group and meet obligations to others; they can work within an appropriate ethos and can access and use a range of learning resources; they can evaluate their own strengths and weaknesses within criteria largely set by others; they can manage information, collect appropriate data from a range of sources and undertake simple research tasks with external guidance; they can take responsibility for their own learning with appropriate support; they can communicate effectively and report practical procedures in a clear and concise manner; they can apply given tools / methods accurately and carefully to a well-defined problem and appreciate the complexity of the issues in the discipline.</p>					
<p><b>Employment Related Skills:</b>            For this <b>bachelor level</b> programme, the following has been informed by the QAA Subject Benchmark(s): <b>Bioscience (2015)</b></p> <p>By the end of this level of this programme the students will be able to demonstrate the skills necessary for self-managed and lifelong learning (e.g. working independently, time management, organisational, enterprise and knowledge transfer skills)            A threshold pass:</p>	<b>Primary:</b> Self-directed voluntary work Compulsory work experience Independent guided workshops <b>Secondary/Supplementary:</b> Guest seminars and lectures	A1, A2, A3, A4, A5	LO2, LO3, LO6, LO7	Poster presentations Reflective summary Personal evaluations	<b>Level 4</b> CORN1005: Key Professional Skills

Level 4: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
<ul style="list-style-type: none"> <li>• Be able to plan, execute and present an independent piece of hypothesis-driven work (e.g. a project) within a supported framework in which qualities such as time management, problem solving, and independence are evident</li> <li>• Have developed basic strategies to enable them to update their knowledge of the biosciences</li> <li>• Develop an adaptable, flexible and effective approach to study and work</li> </ul>	Study groups and supplementary group tasks/ research activities				
<p><b>An exposition for embedding Employment Related Skills through Teaching &amp; Learning and Assessment at this level of the programme:</b> The learner has demonstrated an understanding of organisational and work-based practices; they have out theory in to practice by applying and developing discipline relates skills, knowledge and understanding.</p>					
<p><b>Practical Skills:</b> For this <b>bachelor level</b> programme, the following has been informed by the QAA Subject Benchmark(s): <b>Bioscience (2015)</b></p> <p>By the end of this level of this programme the students will be able to demonstrate the ability to design, plan, conduct and report on investigations, which may involve primary or secondary data (e.g. from a survey database). These data may be obtained through individual or group projects. A threshold pass:</p>	<p><b>Primary:</b> Lectures Independent guided study Practical workshops Research tutorials</p>	A1, A2, A4, A5	LO3, LO5, LO6	Reports Presentations Assessed practicals In class tests Exams	<p><b>Level 4</b> CORN1005: Key Professional Skills</p> <p>CORN1001 Field Survey Techniques</p>

Level 4: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
<ul style="list-style-type: none"> <li>Be able to record data accurately, and to carry out basic manipulation of data (including qualitative data and some statistical analysis, when appropriate)</li> <li>Be able to plan, execute and present an independent piece of hypothesis-driven work (e.g. a project) within a supported framework in which qualities such as time management, problem solving, and independence are evident</li> <li>Have ability in a range of practical bioscience techniques, including data collection, analysis and interpretation of those data, and testing of hypotheses</li> </ul>	<p><b>Secondary/Supplementary:</b> Visits to Electron Microscope and MBA Guest workshops run by ecological consultants and specialists Additional lecture information available on VLE- Moodle</p>				<p>CORN1000: Fundamentals of Biology</p> <p>CORN1002: Diversity, Classification and Evolution</p> <p>CORN1003: Health and Welfare of Animals</p> <p>CORN163: Animals and their Environment</p>
<p>By the end of this level of this programme the students will be able to demonstrate the ability to design, plan, conduct and report on investigations, which may involve primary or secondary data (e.g. from a survey database). These data may be obtained through individual or group projects.</p> <p>A threshold pass:</p> <ul style="list-style-type: none"> <li>Be able to record data accurately, and to carry out basic manipulation of data (including qualitative data and some statistical analysis, when appropriate).</li> <li>Be able to plan, execute and present an independent piece of hypothesis-driven</li> </ul>	<p><b>Primary:</b> Lectures Independent guided study Practical workshops Research tutorials</p> <p><b>Secondary/Supplementary:</b> Visits to Electron Microscope, MBA Guest workshops run by ecological consultants and specialists. Additional lecture information available on VLE- Moodle</p>	A1, A2, A4, A5	LO3, LO5, LO6	Reports, presentations, assessed practicals, in class tests, exams	<p><b>Level 4</b></p> <p>CORN1005: Key Professional Skills</p> <p>CORN1001 Field Survey Techniques</p> <p>CORN1000: Fundamentals of Biology</p> <p>CORN1002: Diversity, Classification and Evolution</p>



Level 4: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
<p>work (e.g. a project) within a supported framework in which qualities such as time management, problem solving, and independence are evident.</p> <ul style="list-style-type: none"> <li>Have ability in a range of practical bioscience techniques, including data collection, analysis and interpretation of those data, and testing of hypotheses.</li> </ul>					<p>CORN1003: Health and Welfare of Animals</p> <p>CORN163: Animals and their Environment</p>
<p>By the end of this level of this programme the students will be able to undertake field and/or laboratory investigations of living systems in a responsible, safe and ethical manner. For example, students must pay due attention to risk assessment, relevant health and safety regulations, issues relating to animal welfare and procedures for obtaining informed consent. They should show sensitivity to the impact of investigations on the environment, on the organisms or subjects under investigation, and on other stakeholders.</p> <p>A threshold pass:</p> <ul style="list-style-type: none"> <li>Appreciate the interactions of organisms with each other and the environment</li> <li>Have some understanding of ethical issues and the impact on society of advances in the biosciences</li> <li>Have developed basic strategies to enable them to update their knowledge of the biosciences.</li> </ul>	<p><b>Primary:</b> Lectures Independent guided study Practical workshops Research tutorials</p> <p><b>Secondary/Supplementary:</b> Additional lecture information available on VLE- Moodle. Information through Home Office, RSPCA, ethical review process</p>	A1, A3, A4, A5	LO2, LO3, LO5, LO6	Reports, presentations, assessed practicals, in class tests, exams	<p><b>Level 4</b> CORN1005: Key Professional Skills</p> <p>CORN1001 Field Survey Techniques</p> <p>CORN1000: Fundamentals of Biology</p> <p>CORN1002: Diversity, Classification and Evolution</p> <p>CORN1003: Health and Welfare of Animals</p> <p>CORN163: Animals and their Environment</p>

Level 4: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
<p><b>An exposition for embedding Practical Skills through Teaching &amp; Learning and Assessment at this level of the programme:</b> Learners will have demonstrated an ability to apply practical skills developed within the course to a wide variety of industry related scenarios and will be required to complete a range of practical based skills assessments throughout this unit.</p>					

Level 5: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
<p><b>Knowledge / Understanding:</b> For this <b>bachelor level</b> programme, the following has been informed by the QAA Subject Benchmark(s): <b>Bioscience (2015)</b></p> <p>Engagement with the essential facts, major concepts, principles and theories associated with the chosen discipline. Knowledge of the processes and mechanisms that have shaped the natural world in terms, for example, of the spread of time from the geological to the present and of complexity from the environmental to the cellular. The influence on living systems of human activities (and the converse) could also be considered</p> <p>Threshold standard:</p> <ul style="list-style-type: none"> <li>Describe how organisms are classified and identified.</li> </ul>	<p><b>Primary:</b> Lectures and tutorials</p> <p>Practical laboratory and husbandry sessions</p> <p>Industry visits</p> <p>Guided independent study</p> <p>Learning from extended work placements</p> <p><b>Secondary/Supplementary:</b></p>	A1, A3, A4, A5	LO1, LO2, LO3, LO6	Essays In class tests Exams Management plans Reports Poster/ presentations	<p><b>Level 5</b> CORN241: Vertebrate Zoology and Conservation</p> <p>CORN2016: Global Conservation Issues</p> <p>CORN273: Population Genetics and Community Ecology</p>

Level 5: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
<ul style="list-style-type: none"> <li>Describe mechanisms for the life processes and appreciate how the physiology of an organism fits its environment.</li> <li>Describe the place of the organisms studied in the living world.</li> <li>Have an understanding of the explanation of biological phenomena at a variety of levels (from molecular to ecological systems) and be able to explain how evolutionary theory is relevant to their area of study.</li> <li>Demonstrate awareness of human interactions with natural populations and ecosystems, including habitat modification, pollution, exploitation and conservation.</li> </ul>	<p>Site visits to animal collections, Natural History Museum, Eden Project.</p> <p>Additional lecture information available on VLE- Moodle.</p>				
<p>Competence in the basic experimental skills appropriate to Zoology and Conservation. Threshold standard:</p> <ul style="list-style-type: none"> <li>Have ability in a range of practical bioscience techniques, including data collection, analysis and interpretation of those data, and testing of hypotheses</li> </ul>	<p><b>Primary:</b> Lectures Independent guided study  Practical workshops</p> <p><b>Secondary/Supplementary:</b> Site visits to Electron Microscope, MBA  Guest workshops run by ecological consultants and specialists.</p>	A1, A4, A5	LO3, LO4, LO8	Reports Assessed practicals In class tests Exams	<p><b>Level 5</b> CORN2022: Zoological Conservation in Practice</p> <p>CORN2016: Global Conservation Issues</p> <p>CORN273: Population Genetics and Community Ecology</p>

Level 5: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
	Additional lecture information available on VLE- Moodle.				
<p>By the end of this level of this programme the students will be able to demonstrate knowledge of a range of communication techniques and methodologies relevant to zoology and conservation, including data analysis and the use of statistics.</p> <p>Threshold standard:</p> <ul style="list-style-type: none"> <li>Be able to access bioscience information from a variety of sources and to communicate the principles in a manner appropriate to the programme of study</li> </ul>	<p><b>Primary:</b> Independent guided study Practical workshops</p> <p>Group seminars/ group work</p> <p><b>Secondary/Supplementary:</b> Research seminars</p> <p>Additional lecture information available on VLE- Moodle.</p>	A1, A2, A5	LO2, LO3	Essays Management plans Reports Poster/ presentations	<b>Level 5</b> CORN2022: Zoological Conservation in Practice
<p><b>An exposition for embedding Knowledge and Understanding through Teaching &amp; Learning and Assessment at this level of the programme:</b> The learner has demonstrated a given factual and/or conceptual knowledge base with emphasis on the nature of the field of study and appropriate terminology and can demonstrate awareness of ethical issues associated with the subject.</p>					
<p><b>Cognitive and Intellectual Skills:</b> For this <b>bachelor level</b> programme, the following has been informed by the QAA Subject Benchmark(s): <b>Bioscience (2015)</b></p> <p>By the end of this level of this programme the students will be able to demonstrate an appreciation of the complexity and diversity of life processes through the study of organisms, their molecular, cellular and physiological processes, their genetics and evolution, and the</p>	<p><b>Primary:</b> Lectures Independent guided study Practical workshops Group seminars/group work</p>	A1, A4, A5	LO4, LO5, LO6	Essays Management plans Reports Poster/ presentations	ALL CORE MODULES

Level 5: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
<p>interrelationships between them and their environment.</p> <p>A threshold pass:</p> <ul style="list-style-type: none"> <li>• Describe the structure, diversity and reproduction of the organisms studied</li> <li>• Describe basic organism structure and diversity</li> <li>• Describe mechanisms for the life processes and appreciate how the physiology of an organism fits it for its environment show knowledge of the basic genetic principles relating to, and evolution of, the organisms studied</li> <li>• Describe the place of the organisms studied in the living world.</li> <li>• Appreciate the importance of the 'behaviour' of the organisms studied.</li> <li>• Demonstrate knowledge of biogeochemical cycles and pathways</li> <li>• Describe and exemplify nutrient and energy flow through individuals, populations and communities</li> <li>• Describe and exemplify patterns of distribution of organisms in relation to biotic and abiotic factors</li> <li>• Demonstrate knowledge of population processes, dynamics and interactions, and associated theoretical models</li> </ul>	<p><b>Secondary/Supplementary:</b></p> <p>Research seminars</p> <p>Additional lecture information available on VLE- Moodle.</p>				

Level 5: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
<ul style="list-style-type: none"> <li>Demonstrate knowledge of community structure, development, biodiversity, and associated theoretical models</li> <li>Demonstrate awareness of human interactions with natural populations and ecosystems, including habitat modification, pollution, exploitation and conservation</li> </ul>					
<p>By the end of this level of this programme the students will be able to demonstrate obtain and integrate several lines of subject-specific evidence to formulate and test hypotheses. Threshold standard:</p> <ul style="list-style-type: none"> <li>Be able to plan, execute and present an independent piece of hypothesis-driven work (e.g. a project) within a supported framework in which qualities such as time management, problem solving, and independence are evident</li> </ul>	<p><b>Primary:</b> Lectures Independent guided study Practical workshops Group seminars</p> <p><b>Secondary/Supplementary:</b> Additional information and tasks available on VLE-Moodle</p>	A1, A2, A4, A5	LO1, LO2, LO3, LO5, LO6	Reports Presentations Practical workshops Assessed practicals	<b>Level 5</b> CORN241: Vertebrate Zoology and Conservation
<p>By the end of this level of this programme the students will be able to demonstrate recognise the moral and ethical issues of investigations and appreciate the need for ethical standards and professional codes of conduct. Threshold standard:</p> <ul style="list-style-type: none"> <li>Have some understanding of ethical issues and the impact on society of advances in the biosciences</li> </ul>	<p><b>Primary:</b> Lectures Independent guided study Practical workshops</p> <p><b>Secondary/Supplementary:</b> Visits to collections and such as Natural History Museum, Paignton Zoo, Dartmoor Zoo</p>	A1, A3, A5	LO1, LO2	Debate Reports Presentations	<b>Level 5</b> CORN241: Vertebrate Zoology and Conservation  CORN2016: Global Conservation Issues

Level 5: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
<p><b>An exposition for embedding Cognitive and Intellectual Skills through Teaching &amp; Learning and Assessment at this level of the programme:</b>            The learner has demonstrated the ability to analyse with guidance given classifications/guidance, can collect and categorise ideas and information in a predictable and standard format, can evaluate the reliability of data using defined techniques and/or tutor guidance and can apply given tools/methods accurately and carefully to a well-defined problem and begin to appreciate the complexity of the issues.</p>					
<p><b>Key Transferable Skills:</b>            For this <b>bachelor level</b> programme, the following has been informed by the QAA Subject Benchmark(s): <b>Bioscience (2015)</b></p> <p>By the end of this level of this programme the students will be able to communicate about their subject appropriately to a variety of audiences using a range of formats and approaches, using appropriate scientific language.</p> <p>A threshold pass:</p> <ul style="list-style-type: none"> <li>• Be able to access bioscience information from a variety of sources and to communicate the principles in a manner appropriate to the programme of study</li> <li>• Recognise and respect the views and opinions of other team members including negotiating skills</li> <li>• Evaluate performance as an individual and a team member; evaluate the performance of others</li> </ul>	<p><b>Primary:</b>            Lectures            Seminars            Guided independent study            Workshops</p> <p><b>Secondary/Supplementary:</b>            Guided practical and laboratory experience            Guest lectures and visits            Attendance at Cornwall College Newquay Research and Scholarly day            Work placement</p>	A2, A3, A5	LO1, LO7	Posters Presentations and digital displays Personal evaluation Viva voce Management plan	ALL CORE MODULES
<p><b>An exposition for embedding Key Transferable Skills through Teaching &amp; Learning and Assessment at this level of the programme:</b>            The learner can work effectively with others as members of a group and meet obligations to others; they can work within an appropriate ethos and can access and use a range of learning resources; they can evaluate their own strengths and weaknesses within criteria largely set by others; they can manage</p>					

Level 5: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
information, collect appropriate data from a range of sources and undertake simple research tasks with external guidance; they can take responsibility for their own learning with appropriate support; they can communicate effectively and report practical procedures in a clear and concise manner; they can apply given tools / methods accurately and carefully to a well-defined problem and appreciate the complexity of the issues in the discipline.					
<p><b>Employment Related Skills:</b> For this <b>bachelor level</b> programme, the following has been informed by the QAA Subject Benchmark(s): <b>Bioscience (2015)</b></p> <p>By the end of this level of this programme the students will be able to demonstrate the skills necessary for self-managed and lifelong learning (e.g. working independently, time management, organisational, enterprise and knowledge transfer skills)</p> <p>A threshold pass:</p> <ul style="list-style-type: none"> <li>• Be able to plan, execute and present an independent piece of hypothesis-driven work (e.g. a project) within a supported framework in which qualities such as time management, problem solving, and independence are evident</li> <li>• Have developed basic strategies to enable them to update their knowledge of the biosciences</li> <li>• Develop an adaptable, flexible and effective approach to study and work</li> </ul>	<p><b>Primary:</b> Self-directed voluntary work Compulsory work experience Independent guided workshops</p> <p><b>Secondary/Supplementary:</b> Guest seminars and lectures Study groups and supplementary group tasks/ research activities</p>	A1, A2, A3, A4, A5	LO2, LO3, LO6, LO7	Poster presentations Reflective summary Personal evaluations	<b>Level 5</b> CORN2022: Zoological Conservation in Practice



Level 5: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
<p><b>An exposition for embedding Employment Related Skills through Teaching &amp; Learning and Assessment at this level of the programme:</b>            The learner has demonstrated an understanding of organisational and work-based practices; they have out theory in to practice by applying and developing discipline relates skills, knowledge and understanding.</p>					
<p><b>Practical Skills:</b>            For this <b>bachelor level</b> programme, the following has been informed by the QAA Subject Benchmark(s): <b>Bioscience (2015)</b></p> <p>By the end of this level of this programme the students will be able to demonstrate the ability to design, plan, conduct and report on investigations, which may involve primary or secondary data (e.g. from a survey database). These data may be obtained through individual or group projects.            A threshold pass:</p> <ul style="list-style-type: none"> <li>• Be able to record data accurately, and to carry out basic manipulation of data (including qualitative data and some statistical analysis, when appropriate)</li> <li>• Be able to plan, execute and present an independent piece of hypothesis-driven work (e.g. a project) within a supported framework in which qualities such as time management, problem solving, and independence are evident</li> <li>• Have ability in a range of practical bioscience techniques, including data</li> </ul>	<p><b>Primary:</b>            Lectures            Independent guided study            Practical workshops            Research tutorials</p> <p><b>Secondary/Supplementary:</b>            Visits to Electron Microscope and MBA            Guest workshops run by ecological consultants and specialists            Additional lecture information available on VLE- Moodle</p>	<p>A1, A2,            A4, A5</p>	<p>LO3, LO5,            LO6</p>	<p>Reports            Presentations            Assessed practicals            In class tests            Exams</p>	<p><b>Level 5</b>            CORN2022: Zoological Conservation in Practice</p> <p>CORN2016: Global Conservation Issues</p> <p>CORN273: Population Genetics and Community Ecology</p>

Level 5: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
collection, analysis and interpretation of those data, and testing of hypotheses					
<p>By the end of this level of this programme the students will be able to demonstrate the ability to design, plan, conduct and report on investigations, which may involve primary or secondary data (e.g. from a survey database). These data may be obtained through individual or group projects.</p> <p>A threshold pass:</p> <ul style="list-style-type: none"> <li>• Be able to record data accurately, and to carry out basic manipulation of data (including qualitative data and some statistical analysis, when appropriate).</li> <li>• Be able to plan, execute and present an independent piece of hypothesis-driven work (e.g. a project) within a supported framework in which qualities such as time management, problem solving, and independence are evident.</li> <li>• Have ability in a range of practical bioscience techniques, including data collection, analysis and interpretation of those data, and testing of hypotheses.</li> </ul>	<p><b>Primary:</b> Lectures Independent guided study Practical workshops Research tutorials</p> <p><b>Secondary/Supplementary:</b> Visits to Electron Microscope, MBA Guest workshops run by ecological consultants and specialists. Additional lecture information available on VLE- Moodle</p>	A1, A2, A4, A5	LO3, LO5, LO6	Reports, presentations, assessed practicals, in class tests, exams	<p><b>Level 5</b> CORN2022: Zoological Conservation in practice</p> <p>CORN2016: Global Conservation Issues</p> <p>CORN273: Population Genetics and Community Ecology</p>
By the end of this level of this programme the students will be able to undertake field and/or laboratory investigations of living systems in a responsible, safe and ethical manner. For example, students must pay due attention to	<p><b>Primary:</b> Lectures Independent guided study Practical workshops Research tutorials</p>	A1, A3, A4, A5	LO2, LO3, LO5, LO6	Reports, presentations, assessed practicals, in	<p><b>Level 5</b> CORN2022: Zoological Conservation in practice</p>

Level 5: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
<p>risk assessment, relevant health and safety regulations, issues relating to animal welfare and procedures for obtaining informed consent. They should show sensitivity to the impact of investigations on the environment, on the organisms or subjects under investigation, and on other stakeholders.</p> <p>A threshold pass:</p> <ul style="list-style-type: none"> <li>• Appreciate the interactions of organisms with each other and the environment</li> <li>• Have some understanding of ethical issues and the impact on society of advances in the biosciences</li> <li>• Have developed basic strategies to enable them to update their knowledge of the biosciences.</li> </ul>	<p><b>Secondary/Supplementary:</b> Additional lecture information available on VLE- Moodle. Information through Home Office, RSPCA, ethical review process</p>			class tests, exams	<p>CORN2016: Global Conservation Issues</p> <p>CORN273: Population Genetics and Community Ecology</p>
<p><b>An exposition for embedding Practical Skills through Teaching &amp; Learning and Assessment at this level of the programme:</b> Learners will have demonstrated an ability to apply practical skills developed within the course to a wide variety of industry related scenarios and will be required to complete a range of practical based skills assessments throughout this unit.</p>					

Level 6: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
<p><b>Knowledge / Understanding:</b> For this <b>bachelor level</b> programme, the following has been informed by the QAA Subject Benchmark(s): <b>Bioscience (2015)</b></p> <p>Engagement with the essential facts, major concepts, principles and theories associated with the chosen discipline. Knowledge of the processes and mechanisms that have shaped the natural world in terms, for example, of the spread of time from the geological to the present and of complexity from the environmental to the cellular. The influence on living systems of human activities (and the converse) could also be considered</p> <p>Threshold standard:</p> <ul style="list-style-type: none"> <li>• Describe how organisms are classified and identified.</li> <li>• Describe mechanisms for the life processes and appreciate how the physiology of an organism fits its environment.</li> <li>• Describe the place of the organisms studied in the living world.</li> <li>• Have an understanding of the explanation of biological phenomena at a variety of levels (from molecular to ecological systems) and be able to explain how evolutionary theory is relevant to their area of study.</li> </ul>	<p><b>Primary:</b> Lectures and tutorials</p> <p>Practical laboratory and husbandry sessions</p> <p>Industry visits Guided independent study</p> <p>Learning from extended work placements</p> <p><b>Secondary/Supplementary:</b> Site visits to animal collections, Natural History Museum, Eden Project.</p> <p>Additional lecture information available on VLE- Moodle.</p>	A1, A3, A4, A5	LO1, LO2, LO3, LO6	Essays In class tests Exams Management plans Reports Poster/ presentations	<b>Level 6</b> CORN315: Conservation Genetics

Level 6: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
<ul style="list-style-type: none"> <li>demonstrate awareness of human interactions with natural populations and ecosystems, including habitat modification, pollution, exploitation and conservation.</li> </ul>					
<p>Competence in the basic experimental skills appropriate to Zoology and Conservation. Threshold standard:</p> <ul style="list-style-type: none"> <li>Have ability in a range of practical bioscience techniques, including data collection, analysis and interpretation of those data, and testing of hypotheses</li> </ul>	<p><b>Primary:</b> Lectures Independent guided study  Practical workshops</p> <p><b>Secondary/Supplementary:</b> Site visits to Electron Microscope, MBA  Guest workshops run by ecological consultants and specialists.  Additional lecture information available on VLE- Moodle.</p>	A1, A4, A5	LO3, LO4, LO8	Reports Assessed practicals In class tests Exams	<p><b>Level 6</b> CORN328: Honours Project</p> <p>CORN314: Conservation Project Management</p>
<p>By the end of this level of this programme the students will be able to demonstrate a knowledge of a range of communication techniques and methodologies relevant to zoology and conservation, including data analysis and the use of statistics. Threshold standard:</p>	<p><b>Primary:</b> Independent guided study Practical workshops  Group seminars/ group work</p> <p><b>Secondary/Supplementary:</b></p>	A1, A2, A5	LO2, LO3	Essays Management plans Reports Poster/ presentations	<p><b>Level 6</b> CORN328: Honours Project</p> <p>CORN314: Conservation Project Management</p>

Level 6: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
<ul style="list-style-type: none"> <li>Be able to access bioscience information from a variety of sources and to communicate the principles in a manner appropriate to the programme of study</li> </ul>	Research seminars  Additional lecture information available on VLE- Moodle.				
<p><b>An exposition for embedding Knowledge and Understanding through Teaching &amp; Learning and Assessment at this level of the programme:</b>            The learner has demonstrated a given factual and/or conceptual knowledge base with emphasis on the nature of the field of study and appropriate terminology and can demonstrate awareness of ethical issues associated with the subject.</p>					
<p><b>Cognitive and Intellectual Skills:</b>            For this <b>bachelor level</b> programme, the following has been informed by the QAA Subject Benchmark(s): <b>Bioscience (2015)</b></p> <p>By the end of this level of this programme the students will be able to demonstrate an appreciation of the complexity and diversity of life processes through the study of organisms, their molecular, cellular and physiological processes, their genetics and evolution, and the interrelationships between them and their environment.</p> <p>A threshold pass:</p> <ul style="list-style-type: none"> <li>Describe the structure, diversity and reproduction of the organisms studied</li> <li>Describe basic organism structure and diversity</li> <li>Describe mechanisms for the life processes and appreciate how the physiology of an organism fits it for its environment show</li> </ul>	<p><b>Primary:</b>            Lectures            Independent guided study            Practical workshops            Group seminars/group work</p> <p><b>Secondary/Supplementary:</b>            Research seminars            Additional lecture information available on VLE- Moodle.</p>	A1, A4, A5	LO4, LO5, LO6	Essays Management plans Reports Poster/ presentations	ALL CORE MODULES

Level 6: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
<p>knowledge of the basic genetic principles relating to, and evolution of, the organisms studied</p> <ul style="list-style-type: none"> <li>• Describe the place of the organisms studied in the living world.</li> <li>• Appreciate the importance of the 'behaviour' of the organisms studied.</li> <li>• Demonstrate knowledge of biogeochemical cycles and pathways</li> <li>• Describe and exemplify nutrient and energy flow through individuals, populations and communities</li> <li>• Describe and exemplify patterns of distribution of organisms in relation to biotic and abiotic factors</li> <li>• Demonstrate knowledge of population processes, dynamics and interactions, and associated theoretical models</li> <li>• Demonstrate knowledge of community structure, development, biodiversity, and associated theoretical models</li> <li>• Demonstrate awareness of human interactions with natural populations and ecosystems, including habitat modification, pollution, exploitation and conservation</li> </ul>					
By the end of this level of this programme the students will be able to demonstrate the ability to read and use appropriate literature with a full and critical understanding, while addressing	<p><b>Primary:</b> Lectures Independent guided study Practical workshops</p>	A1, A2, A4, A5	LO2, LO3, LO6	Literature reviews Essay Reports	<b>Level 6</b> CORN306: Application of Zoology

Level 6: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
such questions as content, context, aims, objectives, quality of information, and its interpretation and application. Threshold standard: <ul style="list-style-type: none"> <li>Be able to access bioscience information from a variety of sources and to communicate the principles in a manner appropriate to the programme of study.</li> </ul>	Group seminars  <b>Secondary/Supplementary:</b> Additional information and tasks available on VLE-Moodle			Presentations.	CORN328: Honours Project
By the end of this level of this programme the students will be able to demonstrate the ability to think independently, set tasks and solve problems. Threshold standard: <ul style="list-style-type: none"> <li>Have ability in a range of practical bioscience techniques, including data collection, analysis and interpretation of those data, and testing of hypotheses</li> </ul>	<b>Primary:</b> Independent guided study Practical workshops  <b>Secondary/Supplementary:</b> Additional information and tasks available on VLE-Moodle	A1, A2, A4, A5	LO2, LO3, LO6	Assessed practicals In class tests Exams Project report and presentations	<b>Level 6</b> CORN306: Applications of Zoology  CORN328: Honours Project
By the end of this level of this programme the students will be able to demonstrate, analyse, synthesise and summarise information critically, including published research or reports. Threshold standard: <ul style="list-style-type: none"> <li>Be able to access bioscience information from a variety of sources and to communicate the principles in a manner appropriate to the programme of study</li> </ul>	<b>Primary:</b> Lectures Independent guided study Practical workshops Group seminars <b>Secondary/Supplementary:</b> Additional information and tasks available on VLE-Moodle	A1, A2, A4, A5	LO2, LO3, LO6	Literature reviews Essays Reports Presentations	<b>Level6</b> CORN306: Applications of Zoology  CORN328: Honours Project
By the end of this level of this programme the students will be able to demonstrate obtain and	<b>Primary:</b> Lectures Independent guided study	A1, A2, A4, A5	LO1, LO2, LO3, LO5, LO6	Reports Presentations	<b>Level 6</b> CORN328: Honours Project



Level 6: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
<p>integrate several lines of subject-specific evidence to formulate and test hypotheses. Threshold standard:</p> <ul style="list-style-type: none"> <li>Be able to plan, execute and present an independent piece of hypothesis-driven work (e.g. a project) within a supported framework in which qualities such as time management, problem solving, and independence are evident</li> </ul>	<p>Practical workshops Group seminars</p> <p><b>Secondary/Supplementary:</b> Additional information and tasks available on VLE-Moodle</p>			Practical workshops Assessed practicals	<p>CORN306: Applications of Zoology</p> <p>CORN314: Conservation Project Management</p>
<p>By the end of this level of this programme the students will be able to demonstrate recognise the moral and ethical issues of investigations and appreciate the need for ethical standards and professional codes of conduct. Threshold standard:</p> <ul style="list-style-type: none"> <li>Have some understanding of ethical issues and the impact on society of advances in the biosciences</li> </ul>	<p><b>Primary:</b> Lectures Independent guided study Practical workshops</p> <p><b>Secondary/Supplementary:</b> Visits to collections and such as Natural History Museum, Paignton Zoo, Dartmoor Zoo</p>	A1, A3, A5	LO1, LO2	Debate Reports Presentations	<p><b>Level 6</b> CORN328: Honours Project</p> <p>CORN306: Applications of Zoology</p> <p>CORN314: Conservation Project Management</p>
<p><b>An exposition for embedding Cognitive and Intellectual Skills through Teaching &amp; Learning and Assessment at this level of the programme:</b> The learner has demonstrated the ability to analyse with guidance given classifications/guidance, can collect and categorise ideas and information in a predictable and standard format, can evaluate the reliability of data using defined techniques and/or tutor guidance and can apply given tools/methods accurately and carefully to a well-defined problem and begin to appreciate the complexity of the issues.</p>					
<p><b>Key Transferable Skills:</b> For this <b>bachelor level</b> programme, the following has been informed by the QAA Subject Benchmark(s): <b>Bioscience (2015)</b></p> <p>By the end of this level of this programme the students will be able to communicate about</p>	<p><b>Primary:</b> Lectures</p>	A2, A3, A5	LO1, LO7	Posters	ALL CORE MODULES

Level 6: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
<p>their subject appropriately to a variety of audiences using a range of formats and approaches, using appropriate scientific language.</p> <p>A threshold pass:</p> <ul style="list-style-type: none"> <li>• Be able to access bioscience information from a variety of sources and to communicate the principles in a manner appropriate to the programme of study</li> <li>• Recognise and respect the views and opinions of other team members including negotiating skills</li> <li>• Evaluate performance as an individual and a team member; evaluate the performance of others</li> </ul>	<p>Seminars Guided independent study Workshops</p> <p><b>Secondary/Supplementary:</b> Guided practical and laboratory experience Guest lectures and visits Attendance at Cornwall College Newquay Research and Scholarly day Work placement</p>			<p>Presentations and digital displays Personal evaluation Viva voce Management plan</p>	
<p><b>An exposition for embedding Key Transferable Skills through Teaching &amp; Learning and Assessment at this level of the programme:</b></p> <p>The learner can work effectively with others as members of a group and meet obligations to others; they can work within an appropriate ethos and can access and use a range of learning resources; they can evaluate their own strengths and weaknesses within criteria largely set by others; they can manage information, collect appropriate data from a range of sources and undertake simple research tasks with external guidance; they can take responsibility for their own learning with appropriate support; they can communicate effectively and report practical procedures in a clear and concise manner; they can apply given tools / methods accurately and carefully to a well-defined problem and appreciate the complexity of the issues in the discipline.</p>					
<p><b>Employment Related Skills:</b> For this <b>bachelor level</b> programme, the following has been informed by the QAA Subject Benchmark(s): <b>Bioscience (2015)</b></p> <p>By the end of this level of this programme the students will be able to demonstrate the skills necessary for self-managed and lifelong learning</p>	<p><b>Primary:</b> Self-directed voluntary work Compulsory work experience</p>	<p>A1, A2, A3, A4, A5</p>	<p>LO2, LO3, LO6, LO7</p>	<p>Poster presentations</p>	<p><b>Level 6</b> CORN314: Conservation Project Management</p>

Level 6: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
(e.g. working independently, time management, organisational, enterprise and knowledge transfer skills) A threshold pass: <ul style="list-style-type: none"> <li>• Be able to plan, execute and present an independent piece of hypothesis-driven work (e.g. a project) within a supported framework in which qualities such as time management, problem solving, and independence are evident</li> <li>• Have developed basic strategies to enable them to update their knowledge of the biosciences</li> <li>• Develop an adaptable, flexible and effective approach to study and work</li> </ul>	Independent guided workshops <b>Secondary/Supplementary:</b> Guest seminars and lectures Study groups and supplementary group tasks/ research activities			Reflective summary Personal evaluations	
<b>An exposition for embedding Employment Related Skills through Teaching &amp; Learning and Assessment at this level of the programme:</b> The learner has demonstrated an understanding of organisational and work based practices; they have out theory in to practice by applying and developing discipline relates skills, knowledge and understanding.					
<b>Practical Skills:</b> For this <b>bachelor level</b> programme, the following has been informed by the QAA Subject Benchmark(s): <b>Bioscience (2015)</b>  By the end of this level of this programme the students will be able to demonstrate the ability to design, plan, conduct and report on investigations, which may involve primary or secondary data (e.g. from a survey database).	<b>Primary:</b> Lectures Independent guided study Practical workshops Research tutorials	A1, A2, A4, A5	LO3, LO5, LO6	Reports Presentations Assessed practicals In class tests	<b>Level 6</b> CORN328: Honours Project

Level 6: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
<p>These data may be obtained through individual or group projects.</p> <p>A threshold pass:</p> <ul style="list-style-type: none"> <li>• Be able to record data accurately, and to carry out basic manipulation of data (including qualitative data and some statistical analysis, when appropriate)</li> <li>• Be able to plan, execute and present an independent piece of hypothesis-driven work (e.g. a project) within a supported framework in which qualities such as time management, problem solving, and independence are evident</li> <li>• Have ability in a range of practical bioscience techniques, including data collection, analysis and interpretation of those data, and testing of hypotheses</li> </ul>	<p><b>Secondary/Supplementary:</b></p> <p>Visits to Electron Microscope and MBA</p> <p>Guest workshops run by ecological consultants and specialists</p> <p>Additional lecture information available on VLE- Moodle</p>			Exams	CORN314: Conservation Project Management
<p>By the end of this level of this programme the students will be able to demonstrate the ability to design, plan, conduct and report on investigations, which may involve primary or secondary data (e.g. from a survey database). These data may be obtained through individual or group projects.</p> <p>A threshold pass:</p> <ul style="list-style-type: none"> <li>• Be able to record data accurately, and to carry out basic manipulation of data (including qualitative data and some statistical analysis, when appropriate).</li> </ul>	<p><b>Primary:</b></p> <p>Lectures</p> <p>Independent guided study</p> <p>Practical workshops</p> <p>Research tutorials</p> <p><b>Secondary/Supplementary:</b></p> <p>Visits to Electron Microscope, MBA</p> <p>Guest workshops run by ecological consultants and specialists.</p>	A1, A2, A4, A5	LO3, LO5, LO6	Reports, presentations, assessed practicals, in class tests, exams	<p><b>Level 6</b></p> <p>CORN328: Honours Project</p> <p>CORN314: Conservation Project Management</p>

Level 6: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
<ul style="list-style-type: none"> <li>Be able to plan, execute and present an independent piece of hypothesis-driven work (e.g. a project) within a supported framework in which qualities such as time management, problem solving, and independence are evident.</li> <li>Have ability in a range of practical bioscience techniques, including data collection, analysis and interpretation of those data, and testing of hypotheses.</li> </ul>	Additional lecture information available on VLE- Moodle				
<p>By the end of this level of this programme the students will be able to undertake field and/or laboratory investigations of living systems in a responsible, safe and ethical manner. For example, students must pay due attention to risk assessment, relevant health and safety regulations, issues relating to animal welfare and procedures for obtaining informed consent. They should show sensitivity to the impact of investigations on the environment, on the organisms or subjects under investigation, and on other stakeholders.</p> <p>A threshold pass:</p> <ul style="list-style-type: none"> <li>Appreciate the interactions of organisms with each other and the environment</li> <li>Have some understanding of ethical issues and the impact on society of advances in the biosciences</li> </ul>	<p><b>Primary:</b> Lectures Independent guided study Practical workshops Research tutorials</p> <p><b>Secondary/Supplementary:</b> Additional lecture information available on VLE- Moodle. Information through Home Office, RSPCA, ethical review process</p>	A1, A3, A4, A5	LO2, LO3, LO5, LO6	Reports, presentations, assessed practicals, in class tests, exams	<p><b>Level 6</b> CORN328: Honours Project</p> <p>CORN314: Conservation Project Management</p>

Level 6: BSc (Hons) Applied Zoology and Conservation					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related <u>Core</u> Modules
<ul style="list-style-type: none"> <li>Have developed basic strategies to enable them to update their knowledge of the biosciences.</li> </ul>					
<p><b>An exposition for embedding Practical Skills through Teaching &amp; Learning and Assessment at this level of the programme:</b>  Learners will have demonstrated an ability to apply practical skills developed within the course to a wide variety of industry related scenarios and will be required to complete a range of practical based skills assessments throughout this unit.</p>					

## PS14. Work Based/ Related Learning

WBL is an essential element of Foundation Degrees and therefore needs to be detailed here. However, for all types of HE Programmes there should be an element of employability focus through, at least, Work Related Learning, and therefore the following is applicable for all:

BSc (Hons) Applied Zoology and Conservation					
WBL/WRL Activity:	Logistics	Prog Aim	Prog Intended LO	Range of Assessments	Related Core Module(s)
Students to complete mandatory 40hrs, recommended 100hrs work experience in a relevant placement	Students to find individual placement with the support of work experience coordinator at the Newquay campus	A2, A3, A6	LO3, LO4, LO7	Assessed through presentation of poster/digital optical display at work experience exhibition during year 2.	CORN2022: Zoological Conservation in Practice
Identification Skills - Students will need to gain experience using taxonomic keys, observing and recording specific g taxa <i>in situ</i>	General bird surveys, coastal sea bird and wading bird surveys - Hayle estuary, Gannel estuary	A2, A4	LO3, LO5, LO7	Assessed practical and analysis of recorded data demonstrated through a report and management plan	CORN1001 Field Survey Techniques  CORN2022: Zoological Conservation in Practice
Collaboration with local action groups	Participate in monitoring, clearance and management of invasive species in the county as part of SINNG	A1, A2, A3, A4 A5, A6	LO2, LO3, LO5, LO7	Practical surveys and analysis of recorded data demonstrated through a report/poster	CORN2022: Zoological Conservation in Practice  CORN2016: Global Conservation Issues
Guest lecturers from practicing conservation employers	Sue Sayer - Cornwall Seal Group, Adrian Spalding - Spalding Consultants, Matt Slater - CWT and Panache	A1, A2, A3	LO1, LO4	Referenced as part of the evaluation of employment in the conservation sector	CORN2022: Zoological Conservation in Practice
Relevant Visits	Comparative dissections at Dartmoor Zoo,	A2, A3, A4	LO2, LO4, LO5	Exam and report/short communication	CORN241: Vertebrate Zoology and Conservation

	Looe-Wild Futures (Monkey Sanctuary)- observing primates in rehabilitation, Paignton Zoo-Exotic Animal Nutrition			relating animal form to function.	
--	---	--	--	-----------------------------------	--

**An exposition to explain this map:**

Whilst the entire programme is intended to develop the practical and employability skills required of an employee within aquaculture or aquatic management the focus associated with an extended period of work experience has a proven track record of ensuring that the successful graduate emerges with these essential skills and establishes a proven track record of employability that is often in demand from employers.



## PS15. Module Summary

Module Code	Module Title	Assessment Mode	Short Module Descriptor
<b>Level 4</b>			
CORN163	Animals and their Environment	CW 50% Test 50%	Delivering a basic understanding of how animals interact with their environment, utilising basic behaviour techniques observing animals in their environment; the varied programme introduces students to ecological principles, including population dynamics and interrelationships. Students will use the information gained through animal and field observation to further understand habitat utilisation and quality.
CORN1000	Fundamentals of Biology	CW 50% Test 50%	This biology-based module provides students with an understanding of the key biological concepts and practical skills which underpin the study of living organisms.
CORN1001	Field Survey Techniques	CW 100%	This module equips students with the skills and knowledge to carry out field work using appropriate techniques, data handling and analysis, and effective communication of ecological information.
CORN1002	Diversity, Classification and Evolution	CW 60% Test 40%	This module provides an introduction to the main characteristics of different forms of life on Earth and how they evolved.
CORN1003	Health and Welfare of Animals	CW 60% Practical 40%	This module gives students an understanding of the ethical and practical considerations required to maintain health in animals in a variety of contexts and how to detect ill health.
CORN1005	Key Professional Skills	CW 70% Test 30%	This module parameterises the internal and external factors that defines the relevant employment sector, providing students with the knowledge and skills to begin positioning themselves professionally within that field. PESTLE factors for the industry will be covered as well as specific personal, professional and employability skills required for both academic study and the workplace.
<b>Level 5</b>			
CORN241	Vertebrate Zoology & Conservation	CW 60% Exam 40%	To provide students with a knowledge of the interrelated body systems for a range of terrestrial vertebrates and the principles of breeding animals in captivity, and successful reintroduction of captive bred animals into their natural environment
CORN273	Population Genetics and Community Ecology	CW 60% Exam 40%	This module will analyse the interactions between population dynamics and ecosystem functioning, employing current software to predict population changes. Factors affecting population size and viability will also be investigated and related to genetic diversity and its importance to practical conservation strategies.

CORN276	Research Methods and GIS for Zoology	CW 60% Test 40%	This module will be delivered as a series of lectures, workshops and seminars covering literature reviews, data analysis, data interpretation and report writing, as well as covering a selection of survey techniques and research tools for Zoology, including GIS.
CORN2016	Global Conservation Issues	CW 50% Exam 50%	This module explores the relationship between human societies and the natural environment, focussing on the consequences of anthropogenic activity on biodiversity.
CORN2022	Zoological Conservation in Practice	CW 100%	This module evaluates the relationship between the ethos and activities of organisations and their role in conservation. The module will have a practical application with student involvement in taxon specific surveys with an emphasis on UK native species, and an understanding of how these filter into conservation management strategies.
CORN278	Primate Behaviour and Conservation	CW (60%) Exam 40%	This module explores some aspects of the behaviour of primates, including how they learn and behave in natural and captive situations, and how this research informs conservation strategies.
CORN292	Advanced Ecology and Survey Techniques	CW 50% Test 50%	This module looks at the physiology and ecology of vertebrates and invertebrates in relation to appropriate survey techniques. The module aims to illustrate threats to species both in the UK and worldwide, and the methods of species and habitat protection.
CORN2017	Behavioural Ecology	CW 50% Exam 50%	This module will explore the functional significance of animal behaviour in terms of fitness, covering major theories and supporting studies in the fields of evolutionary and behavioural ecology.
CORN2018	Marine Vertebrate Biology and Conservation	CW 10% Practical 40% Exam 50%	This module explores the functional biology of marine vertebrates, focussing especially on key conservation flagship species; elasmobranchs, marine reptiles, birds and marine mammals. A detailed understanding of feeding, physiological and morphological adaptations to the marine environment, locomotion and migration, social and reproductive behaviour will be explored and related to their conservation.
<b>Level 6</b>			
CORN306	Application of Zoology	CW 100%	This module enables students to study and develop ideas related to selected zoological themes relevant to the workplace or research situation. The student will explore these themes through the literature, seminars and tutorials developing his/her own research skills.
CORN314	Conservation Project Management	CW 100%	This module will provide critical insight into the impact that the climate change agenda has had on the way we value and potentially manage our land resource.
CORN315	Conservation Genetics	CW 40% Exam 60%	This module aims to equip the learner with the most up to date molecular techniques being used in genetics for conserving and protecting species. This will look at genome sequencing of animals, the importance of

			maintaining genetic diversity within a captive and wild population, and the implication of genetic diversity in management of small populations of possibly threatened species.
CORN328	Honours Project	CW 80% Practical 20%	This module allows students to explore in detail an academic subject of their choice. The module comprises a substantial research study element, which includes a literature review, experimental design, the collection, analysis and interpretation of data and report writing.
CORN304	Zoology and Conservation of Aquatic Ecosystems	CW 40% Exam 60%	This module focuses on recent advances in the biology, ecology and conservation of animal life within freshwater and marine environments, and addresses how conservation measures can ensure marine life and the marine environment can be utilised in a sustainable way.
CORN313	Wildlife Conservation	CW 40% Exam 60%	This module allows students to examine the application of science to the practice of wildlife management and the impact of environmental law and policy on the biological outcomes for threatened species and ecosystems. The module has a strong emphasis on field-based experience with the added knowledge of GIS (Geographical Information Systems) to back up the practical applications, and link into WBL.
CORN316	Monitoring Marine Ecosystems	CW 100%	This module builds on survey methods developed in Stage 1 and 2. Students will investigate and employ a range of methods including fieldwork, remote sensing, bio-indicators and ecological models to enable them to effectively plan and undertake monitoring programmes. Students will select a taxonomic group to specialise in and hone their identification and survey skills in that area.
<b>Year 3 or 4 Placement</b>			
CORN326	Placement Project	CW 100%	This module provides an opportunity to gain professional practice, knowledge and skills through a work placement with an approved company or host organisation between Stage 2 and 3 for at least 26 weeks. It will allow students to apply their knowledge and training to real projects and gain an insight into potential careers within the conservation sector.