



Plymouth University

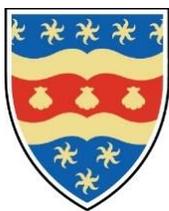
Academic Partnerships

CORNWALL COLLEGE (NEWQUAY)

Programme Specification

BSc (Hons) Applied Zoology (Top Up)

Academic Year 2020-2021



**UNIVERSITY OF
PLYMOUTH**

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

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Please note:

All the information in this Handbook 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 Handbook 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 (Top up)

Internal Programme Code: FT 4888 PT 3779

Partner Delivering Institution: Cornwall College, Newquay

Start Date: September 2020-2021

First Award Date: FT July 2020-21 PT

Date(s) of Revision(s) to this Document: 07/09/2017, 18/10/18

This programme specification template aligns with recommendations within the UK Quality Code for Higher Education¹. The information provided, by the programme proposer, in each section is definitively agreed between the delivering institution and Plymouth University at approval. Therefore any requests for changes to content (post the conditions set at approval) must follow Plymouth University's procedures for making changes to partnership programmes².

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¹QAA, 2011, Chapter A3: The Programme Level, UK Quality Code for Higher Education:
<http://www.qaa.ac.uk/en/Publications/Documents/quality-code-A3.pdf> , last accessed 28th July 2014 [n.b. this includes
'Appendix 2: Working with programme specifications: A leaflet for further education colleges']

² If required please contact Academic Partnerships Programme Administration for assistance.

PS1. Programme Details

Awarding Institution:	Plymouth University
Partner Institution and delivery site (s):	Cornwall College (Newquay)
Accrediting Body:	N/A
Language of Study:	English
Mode of Study:	Full time
Final Award:	BSc(Hons) Applied Zoology
Intermediate Award:	N/A
Programme Title:	BSc(Hons) Applied Zoology (Top up)
UCAS Code:	C300
HECOS Code:	100880
Benchmarks:	Subject benchmark statements in Biosciences (2007); and in Earth Sciences, Environmental Sciences and Environmental Studies (2007)
Date of Programme Approval:	19 March 2008

PS2. Brief Description of the Programme

This text is definitively approved at programme approval and therefore may be directly used for promotion of the programme without the need for further confirmation (Approx. 200-250 words)

This course is designed as a follow on from the varied zoology-based foundation degrees at Cornwall College Newquay. There are a range of module options allowing you to decide the direction in which you wish to extend your applied zoological knowledge, including a full honours project in the second. There is an option to study the importance of developments in zoological sciences and conservation and their implications in human and global affairs, partly through an international field course. For your Honours, you will be given the opportunity to gain first-hand experience at centres such as Newquay Zoo, the Blue Reef Aquarium in Newquay and at nature reserves and sites of biological interest as well as working with other conservation organisations in the South West.

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

N/A

PS4. Exceptions to Plymouth University Regulations

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

<https://staff.plymouth.ac.uk//extexam/academicregs/intranet.htm>*)*

None

PS5. Programme Aims

This programme will deliver:

- a) A broad, relevant and contemporary curriculum, enriched by the scholarly activity of staff
- b) Opportunities for practical work practical skills in laboratory-based and field zoology and experiential learning in aspects of Applied Zoology
- c) Encourage in students an enthusiasm for biological sciences in general for whole animal science and conservation of the natural environment in particular.
- d) Promote students' ability to critically think about, assess and evaluate data gathered both in the field and through scientific literature.
- e) Develop an understanding of the ethical, economic, legal and political context of keeping captive animals, animal behaviour, ecology and conservation.
- f) Produce graduates with the ability to apply concepts from Zoology and communicate ideas effectively in a range of contexts and communication modes.
- g) Produce graduates with genuine flexibility in career choice and broadly applicable skills
- h) Produce graduates with the ability to become autonomous learners equipped cope with higher degree studies.
- i) Meet the need for an accessible part-time progression to an honours degree for suitably qualified students'.

PS6. Programme Intended Learning Outcomes (ILO)

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

ILO1: knowledge and understanding – A typical graduate will demonstrate an understanding:

- Of the role of Zoology in contributing to knowledge
- Of the complex interrelationships of Biological processes and the conservation of the natural environment
- Of historical and current knowledge of selected fields of study within Zoology
- Of the principles, theory, philosophy and practice of aspects of Zoology

ILO2: cognitive and intellectual skills – A typical graduate will be able to:

- Critically analyse literature and apply that knowledge to understanding of zoology and conservation
- Assess the reliability and validity of evidence
- Develop a reasoned an informed argument
- Identify, formulate and resolve problems
- Synthesise and evaluate information from disparate sources.
- Apply biological principles, theories, methods and techniques to laboratory and field investigations

ILO3: Transferable skills – i.e. Be able to:

- a. Access and evaluate bioscience information from a variety of sources and to communicate the principles both orally and in writing in a way that is well organised, topical and recognises the limits of current hypotheses
- b. Plan, execute and present an independent piece of work (eg a project) in which qualities such as time management, problem solving and independence are evident, as well as interpretation and critical awareness of the quality of evidence
- c. Have well –developed strategies for updating, maintaining and enhancing their knowledge of the biosciences.
- d. Identify individual and collective goals and responsibilities and perform in a manner appropriate to these roles, in particular those being developed through practical, laboratory and/or field studies
- e. Develop an appreciation of the interdisciplinary nature of science and the validity of different points of view
- f. Communicate about their subject appropriately to a variety of audiences using a range of formats and approaches, using appropriate scientific language, and
- g. Use the internet and other electronic sources critically as a means of communication and a source of information

ILO4: Employment – i.e. Reflect, evaluate own experiences, plan, position, identify own development, Investigate, analyse industry

ILO5: Practical – Employ, apply specific practical skills to:

- a. Describe and record materials in the field and laboratory
- b. Use appropriate laboratory and field equipment competently and safely
- c. Plan, conduct and present an independent project with limited reliance on guidance
- d. Present research findings in a number of formats effectively and appropriately; and
- e. Relate investigations to prior work and to reference work appropriately
- f. Highly developed ability to plan, conduct and present an independent project with little or no reliance on guidance

PS7. Distinctive Features

This programme:

1. Has been developed specifically to run in part time study mode in order to suit individual student circumstances and address industry requirement to enable employees to improve skills and knowledge alongside work.
2. Allows students to develop their own academic profile through study choices, both between optional modules and within the Applications of Zoology module. This gives students a high level of autonomy, allowing them to tailor the programme to their own interests and expected career path.
3. Is taught by staff with established core areas of research activity, and links to employers, providing opportunities for well supported Honours Project work.

The programme benefits from:

1. 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.
2. Links with a wide range of Zoos, museums and aquaria provide excellent experience for developing students' abilities to interpret the natural world and learn the relevance of zoology to the husbandry of captive animals
3. Strong pastoral support and small group academic teaching delivered by readily accessible academic and support staff which is important for all students but particularly for students progressing from FdSc programmes that have been supported in this way.

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 =30

Maximum student numbers per stage =70

PS9. Progression Route(s)

Approved “progression route(s)” are those where successful achievement in this programme enables direct alignment to join a stage of another programme. This is an approach employed primarily for Foundation Degree students to “top-up” to complete a Bachelor degree, but may be employed for other award types.

This is in part an automated admissions criterion and therefore progression may be impacted on by availability of a position on the progression award; however progression opportunity, if not available in the first year of application, is guaranteed within 3 years.

Progression arrangements with institutions other than Plymouth University carry an increased element of risk. It is necessary for the delivering partner institution to obtain formal agreement from that institution to guarantee progression for existing students on the programme. For progression to Plymouth University, should there be the need to withdraw the progression route programme(s) then either this will be delayed to provide progression or appropriate solutions will be found. This arrangement is guaranteed for existing students that complete their programme of study with no suspensions or repeat years and who wish to progress immediately to the University.

There are currently no formal progression routes associated with this programme.

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

PS10. Admissions Criteria

Qualification(s) Required for Entry to this Programme:	Details:
Pass in relevant Foundation Degree	240 credits within a Biological or Environmental Science discipline, with a significant zoological content.
Other HE qualifications / non-standard awards or experiences:	240 credits from HND Zoological Conservation/ Animal Science (such applicants will need to complete a bridging module which would cover study skills such as the Professional Development module. No marks will be associated with the module). Other suitable qualifications however, will be considered, where learning outcomes from the programme are similar to those of animal science/ zoology based foundation degrees approved by UPC and where sufficient study at level two has been completed.
APEL / APCL ³ possibilities: [www.plymouth.ac.uk]	Refer to University regulations for APCL
Interview / Portfolio requirements:	Although the College may wish to interview all applicants; those who have previously taken a related Foundation Degree within the UPC Partnership will not normally be interviewed.
Independent Safeguarding Agency (ISA) / Disclosure and Barring Service (DBS) clearance required:	No

*Mature students with non-standard qualifications are encouraged to apply by contacting the department directly to discuss their suitability for the course. All such students will be interviewed. Applications are welcomed from students with disabilities.

³ Accredited Prior Experiential Learning and Accredited Prior Certificated Learning

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.

Elements of this process include engaging with stakeholders. For this definitive document it is important to define:

Subject External Examiner(s):

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.

PS12. Programme Structure

College:	Cornwall College, Newquay	Programme Title:	BSc (Hons) Applied Zoology (Top Up)
Academic Year:	2020-2021	Mode of Attendance Course Duration:	Full Time Over 1 Year
Plymouth Programme Code:	4888	Total Credits:	120 Credits At Level 6

FHEQ level: 6 BSc(Hons) Applied Zoology For: Full Time (4888)				
F/T Route Year	When in Year? (I.e. Autumn, Spring etc.)	Core or Option Module	Credits	Module
Year 1	All Year	Core	20	CORN306 Applications of Zoology
Year 1	All Year	Core	40	CORN328 Honours Project
Students must choose 3 of the following optional modules:				
Year 1	All Year	Optional	20	CORN327 Impacts of Disease
Year 1	All Year	Optional	20	CORN304 Zoology and Conservation of Aquatic Ecosystems
Year 1	All Year	Optional	20	CORN305 Communicating Zoology
Year 1	All Year	Optional	20	CORN312 Current Issues in Animal behaviour
Year 1	All Year	Optional	20	CORN313 Wildlife Conservation

College:	Cornwall College, Newquay	Programme Title:	BSc (Hons) Applied Zoology (Top Up)
Academic Year:	2020-2021	Mode of Attendance Course Duration:	Part Time Over 2 Years
Plymouth Programme Code:	3779	Total Credits:	120 Credits At Level 6

FHEQ level: BSc(Hons) Applied Zoology For: Part Time (3779)				
P/T Route Year	When in Year? (i.e. Autumn, Spring etc.)	Core or Option Module	Credits	Module
Students must choose 3 of the following optional modules:				
Year 1	All year	Optional	20	CORN304 Zoology and Conservation of Aquatic Ecosystems
Year 1	All year	Optional	20	CORN305 Communicating Zoology
Year 1	All year	Optional	20	CORN312 Current Issues in Animal behaviour
Year 1	All year	Optional	20	CORN313 Wildlife Conservation
Year 1	All Year	Optional	20	CORN327 Impacts of Disease
P/T Route Year	When in Year? (i.e. Autumn, Spring etc.)	Core or Option Module	Credits	Module
Year 2	All year	Core	20	CORN306 Applications of Zoology
Year 2	All year	Core	40	CORN310 Honours Project

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:

FHEQ level: BSc in Applied Zoology: Level 6					
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 / Understanding:</p> <p>BSc (Hons) Applied Zoology - For this bachelor level programme the following has been informed by the QAA Subject benchmark statements in Biosciences (2007); and in Earth Sciences, Environmental Sciences and Environmental Studies (2007)</p> <p>By the end of this level of this programme the students will be able to demonstrate for a threshold pass:</p> <ul style="list-style-type: none"> • Of the role of Zoology in contributing to knowledge • Of the complex interrelationships of Biological processes and the conservation of the natural environment 	<p>Primary:</p> <ul style="list-style-type: none"> • Lectures and tutorials • Practical laboratory and husbandry sessions • Industry visits • Guided independent study • Learning from extended work placements 	<p>a, b, g</p> <p>c, d, g</p> <p>c, d</p> <p>c, d</p> <p>c, d</p>	<p>Bioscience: generic standards – Threshold levels (5.7-3)</p> <p>Ecology & Environmental Biology –</p>	<p>Coursework</p> <p>Coursework</p>	<p>CORN306</p> <p>CORN306</p>

<ul style="list-style-type: none"> Of historical and current knowledge of selected fields of study within Zoology Of the principles, theory, philosophy and practice of aspects of Zoology 	<p>Secondary/Supplementary:</p> <ul style="list-style-type: none"> Site visits to animal collections, Natural History Museum, Eden Project. Additional lecture information available on VLE- Moodle. 		<p>Threshold (5.17-7 & 8)</p> <p>Ecology & Environmental Biology – Typical Standards (5.17 – 7&8)</p>	<p>Coursework</p>	<p>CORN306</p>
<p>An explanation for embedding Knowledge and Understanding through Teaching & Learning and Assessment at this level of the programme: 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>Cognitive and Intellectual Skills:</p> <p>Students will be able to demonstrate an ability to apply underlying concepts and principles outside the context in which they first studied.</p> <p>By the end of this level of this programme the students will be able to demonstrate for a threshold pass:</p> <ul style="list-style-type: none"> Recognise and apply subject specific theories, paradigms or concepts or principles. Analyse, synthesis and summarise information critically, including published research or reports Obtain and integrate several lines of subject-specific evidence to formulate and test hypotheses Apply subject knowledge and understanding to address familiar and unfamiliar problems Recognise the moral and ethical issues of investigations and appreciate the need for ethical standards and professional codes of conduct 	<p>Primary: Lectures Independent guided study Practical workshops Group seminars/group work</p> <p>Secondary/Supplementary: Research seminars Additional lecture information available on VLE- Moodle.</p>	<p>b</p> <p>c</p> <p>c</p> <p>c, e</p> <p>b, d</p>	<p>Biosciences: intellectual skills (3.5-1,2,3,4,& 5)</p> <p>Generic standards- Typical (5.8-4&5)</p>	<p>Coursework and examination</p>	<p>All Core Modules</p> <p>All Core Modules</p> <p>All Core Modules</p> <p>All Core Modules</p> <p>CORN306, CORN310</p>

<ul style="list-style-type: none"> • Be able to construct reasoned arguments to support their position on the ethical and social impact of advances in the biosciences and be able to apply relevant advanced numerical skills (including statistical analysis, where appropriate) to biological data. • Have ability in a broad range of practical techniques and skills relevant to the biosciences. This will include the ability to place the work in context and to suggest lines of further investigation. 		b, c, e		Coursework and examination	ERM304, CORN306, CORN310
		b, c		Coursework and examination	ERM304, EIA35, CORN310
<p>An explanation for embedding Cognitive and Intellectual Skills through Teaching & Learning and Assessment at this level of the programme: 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>Key Transferable Skills:</p> <p>Students will be able to demonstrate an ability to evaluate critically the appropriateness of different approaches to solving problems in the field of study; use a range of established techniques to initiate and undertake critical analysis of information, and to propose solutions to problems arising from that analysis and effectively communicate information arguments, and analysis, in a variety of forms, to specialist and non-specialist audiences, and deploy key techniques of the discipline effectively.</p>					

	<p>Primary:</p> <ul style="list-style-type: none"> • Lectures • Seminars • Guided independent study • Workshops <p>Secondary/Supplementary:</p> <ul style="list-style-type: none"> • Guided practical and laboratory experience • Guest lectures and visits • Attendance at Cornwall College Newquay Research and Scholarly day • Work placement 			<p>Posters Presentations and digital displays Personal evaluation Viva voce Management plan</p>	
<p>An explanation for embedding Key Transferable Skills through Teaching & Learning and Assessment at this level of the programme: 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>Employment Related Skills:</p> <p>Students will be able to demonstrate and ability to apply subject principles in an employment context; undertake further training, develop existing skills and acquire new competencies that will enable them to assume significant responsibilities within organisations and demonstrate the qualities and transferable skills necessary for employment requiring the exercise of personal responsibility and decision making.</p>					

<p>By the end of this level of this programme the students will be able to demonstrate for a threshold pass: Developing the skills necessary for self-managed and lifelong learning (eg working independently, time management, organisational, enterprise and knowledge transfer skills); Identifying and working towards targets for personal, academic and career development Develop and adaptable, flexible and effective approach to study and work</p>	<p>Primary: Self-directed voluntary work Compulsory work experience Independent guided workshops Secondary/Supplementary: Guest seminars and lectures Study groups and supplementary group tasks/ research activities</p>	<p>f f f</p>	<p>Biosciences: Self-management and professional development skills 3.10-1,2 & 3</p>	<p>Poster presentations Reflective summary Personal evaluations</p>	<p>All core modules All core modules All core modules</p>
<p>An explanation for embedding Employment Related Skills through Teaching & Learning and Assessment at this level of the programme: 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>					
<p>Practical Skills:</p> <p>By the end of this level of this programme the students will be able to demonstrate for a threshold pass:</p> <p>Ability to:</p> <ol style="list-style-type: none"> Describe and record materials in the field and laboratory Plan, conduct and present an independent project with limited reliance on guidance Present research findings in a number of formats effectively and appropriately Relate investigations to prior work and to reference work appropriately Highly developed ability to plan, conduct and present an independent project with little or no reliance on guidance. 	<p>Primary: Lectures Independent guided study Practical workshops Research tutorials</p> <p>Secondary/Supplementary: Visits to Electron Microscope and MBA Guest workshops run by ecological consultants and specialists Additional lecture information available on VLE- Moodle</p>	<p>b b b, c, f b, c, e c a, b, c, e, f, h</p>	<p>ES3: Practical Skills (Typical Performance cells 1,3,5,7 & 8) (Excellent performance- Cell 5)</p>	<p>Reports Presentations Assessed practicals In class tests Exams</p>	<p>All core modules All core modules All core modules</p>

An explanation for embedding Practical Skills through Teaching & Learning and Assessment at this level of the programme:

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.

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:

FHEQ level: BSc in Applied Zoology: Level 6					
WBL/WRL Activity:	Logistics	Prog Aim	Prog Intended LO	Range of Assessments	Related Core Module(s)
Professional development planning is at the core of the curriculum, as students work towards developing their individual professional identity. complimented by seminars specific to the creative industries, that focus them on their professional identity. building upon this knowledge in relation to practice.	Throughout programme	Level 6	<p>External factors which influence work in this field. capacity for logical thinking developing ability to make and defend judgements.</p> <p>Function effectively as a member of a team and contribute to an organisation</p> <p>Improved effectiveness in the workplace</p> <p>Develop an interest in lifelong learning & personal development.</p> <p>Demonstrate competencies associated with key functions in this area.</p>	<p>Key knowledge and understanding is assessed via a combination of :</p> <p>Essays/projects/dissertations Examinations/tests Coursework/group work on practical application questions Reflective assignments</p>	All core modules
<p>An explanation of this map: Work Based Learning is embedded throughout level 6 of this programme. Assignments require students to complete observations, reflect on practice and apply theory to practice. These activities make a clear link between academic theoretical learning and that of professional Zoology.</p>					