Bournemouth University

KEY PROGRAMME INFORMATION

Originating institution(s) Bournemouth University	**Faculty responsible for the programme** Faculty of Science and Technology
Final award(s), title(s) and credits BSc (Hons) Ecology and Wildlife Conservation - 360 credits (180 ECTS)	
Intermediate award(s), title(s) and credits DipHE Ecology and Wildlife Conservation - 240 credits (120 ECTS) CertHE Ecology and Wildlife Conservation - 120 credits (60 ECTS)	
UCAS Programme Code(s) (where applicable and if known) CD14	**HECoS (Higher Education Classification of Subjects) Code and balanced or major/minor load.** 100347 (Ecology) 50% 101318 (Conservation Ecology) 50%
External reference points ➢ The UK Quality Code for Higher Education; Part A: Setting and maintaining academic standards; Chapter A1: UK and European reference points for academic standards (October 2013) - incorporates Framework for Higher Education Qualifications, Foundation Degree qualification benchmarks and subject benchmark statements; ➢ Benchmark statements for Biosciences (2019)	
Professional, Statutory and Regulatory Body (PSRB) links n/a	
Places of delivery Talbot Campus, Bournemouth University	
Mode(s) of delivery full-time; full-time sandwich; part-time; part-time sandwich;	**Language of delivery** English
Typical duration Full-time – 3 years (1 year for each level) Part-time – 6 years (2 years for each level) Full-time with Sandwich Placement – 4 years (1 year for each level) Part-time with Sandwich Placement – 8 years (2 years for each level)	
Date of first intake September 2023	**Expected start dates** September
Maximum student numbers Not applicable	**Placements** 2-week compulsory placement (level 5) and either 4-week compulsory placement (level 6) **or** minimum 30-week sandwich placement (level P)
Partner(s) Not applicable	**Partnership model** Not applicable
Date of this Programme Specification November 2023	

Version number v2.2-0924
Approval, review or modification reference numbers E212218 EC 2122 78 EC 2223 02 EC 2223 06 FST 2223 04, approved 30/11/2022, previously V2.0-0923 EC 2223 30 FST 2324 02, approved 17/10/2023, previously v2.1 EC232407, approved 15/11/2023
Author Anita Diaz

PROGRAMME STRUCTURE

Programme Award and Title: BSc (Hons) Ecology and Wildlife Conservation								
Year 1/Level 4 Students are required to complete all 6 core units								
Unit Name	**Core/ Option**	**No. of Credits**	**Assessment Element Weightings**			**Expected Contact hours per unit**	**Unit Version No.**	**HECoS Code** (plus balanced or major/ minor load)
			Exam 1	**Cwk 1**	**Cwk 2**			
Diversity of Life	Core	20	25	75		40	2.2	100346
Ecology	Core	20	50	50		40	2.0	100347
Physical Geography	Core	20		50	50	40	2.0	100410
Field Trip	Core	20		50	50	40	2.0	100347
Scientific Research Skills	Core	20	30		70	20	1.0	100381
Wildlife Protection	Core	20		50	50	40	2.0	100469
Progression requirements: Requires120 credits at level 4 **Exit qualification:** CertHE Ecology and Wildlife Conservation								

Year 2/Level 5
Students are required to complete 2 core units (40 credits) and choose 80 credits of option units. Option choice may be constrained by the semester in which units are taught and the unit's credit value.

Unit Name	**Core/ Option**	**No. of Credits**	**Assessment Element Weightings**			**Expected Contact hours per unit**	**Unit Version No.**	**HECoS Code** (plus balanced or major/ minor load)
			Exam 1	**Cwk 1**	**Cwk 2**			
Ecosystems	Core	20	50	50		40	2.0	100347
Advanced Scientific Research Skills	Core	20	50	50		20	1.0	100381
Animal Biology	Option	20		50	50	40	2.0	100522
Applications of Environmental Science	Option	20	50	50		40	2.0	101078
Behavioural Ecology	Option	20	50	50		40	2.0	100829
Coasts and Coastal Adaptation	Option	20		40	60	40	1.0	101065
Environmental and Societal Challenges	Option	20		30	70	40	2.0	100488
Environmental Pollution	Option	20	50	50		40	2.0	101078
Evolutionary Biology	Option	20	50	50		40	2.0	100858
Geospatial Science	Option	20		50	50	40	1.0	100369
International Field Trip	Option	20		50	50	40	2.0	100347/ 100410 (balanced)
Microbiology	Option	20	50	50		40	2.0	100353
Quaternary Environments: Past as Key to the Future	Option	20		50	50	40	2.0	100398
Wildlife Survey Skills	Option	40		100		80	2.0	100347

Progression requirements: Requires 120 Credits at Level 5 and successful completion of Level 5 short placement.

Exit qualification: DipHE Ecology and Wildlife Conservation

Compulsory/Optional placement year in industry/business:
Optional Placement year (minimum 30 weeks).

Progression requirements: Satisfactory completion of a minimum 30 week placement in industry/business. Students who do not choose to undertake the optional sandwich placement take a 4-week placement then progress directly from Level 5 to Level 6.

Year 3/Level 6
Students are required to take 1 core unit and choose 4 option units. Option choice may be constrained by the semester in which units are taught.

Unit Name	**Core/ Option**	**No. of Credits**	**Assessment Element Weightings**			**Expected Contact hours per unit**	**Unit Version No.**	**HECoS Code** (plus balanced or major/ minor load)
			Exam 1	**Cwk 1**	**Cwk 2**			
Biological Oceanography	Option	20	70	30		40	2.0	100351
Climate and Environmental Change	Option	20	30	70		40	2.0	100408
Conservation Biogeography	Option	20		100		40	1.0	101318
Emergence and Extinction	Option	20	50	50		40	2.0	100398
Environmental Law	Option	20	50	50		40	1.0	100485
Environmental Remote Sensing	Option	20		50	50	40	3.0	101056
Freshwater Resource Management	Option	20	50	50		40	2.0	100849
Independent Research Project	Core	40		100		12	2.0	100346 /100410 (balanced)
Marine Conservation	Option	20	50	50		40	2.0	100351
Molecular Ecology	Option	20		50	50	40	1.0	100347
Parasitology and Epidemiology	Option	20		50	50	40	2.0	100826
Primate Behavioural Ecology	Option	20	25	75		40	2.0	100522
Sustainable Development and Globalisation	Option	20		50	50	40	1.0	100488
Topics in Wildlife Conservation	Option	20	50	50		40	2.0	100347
Wildlife and Ecotourism	Option	20		100		39	2.1	100101/ 100409 (balanced)

Exit qualification: BSc (Hons) Ecology and Wildlife Conservation

Sandwich UG award: Requires 120 credits at Level 4, 120 credits at Level 5, 120 credits at Level 6 and successful completion of a placement year and successful completion of Level 5 short placement.

Full-time UG award: Requires 120 credits at Level 4, 120 credits at Level 5 and 120 credits at Level 6 and successful completion of Level 5 and Level 6 short placements

AIMS OF THE DOCUMENT

The aims of this document are to:

- define the structure of the programme;
- specify the programme award titles;
- identify programme and level learning outcomes;
- articulate the regulations governing the awards defined within the document.

AIMS OF THE PROGRAMME

The effective conservation of biological diversity requires professionals that can integrate an understanding of ecology with knowledge of the wider context of sustainable development. The broad aim of this degree is to provide a means by which students can develop these attributes.

The primary aim of this degree programme is the development of graduates who:

- Have a critical understanding of the scientific, technical, and regulatory bases of conservation ecology and wider environmental issues
- Have the necessary scientific, regulatory and management knowledge base to develop successful careers in specialist fields of Ecology and Wildlife Conservation
- Can apply these skills to specific environmental problems, and also communicate effectively with both those working in the field of Ecology and Wildlife Conservation and with the wider public
- Have the ability to carry out independent investigations in the area of conservation ecology and environmental science
- Have the skills and knowledge necessary for postgraduate study

The degree also aims to provide students with a substantial range of transferable skills in scientific field work and laboratory practice, computing, data analysis, report writing and project management as a basis for professional activity and development which may be applicable in other career areas.

ALIGNMENT WITH THE UNIVERSITY'S STRATEGIC PLAN

This programme aligns with the university's key strategic investment area of Sustainability and Environment as part of its BU 2025 strategy plan.

This programme incorporates the Fusion learning principles by:

- Embedding Fusion by ensuring teaching is informed by the latest research and linked practice/industry
- Personalising learning by use of optional units and choice in assessment
- Using problem-based/enquiry-based/action learning wherever possible
- Taking a multi-disciplinary approach to the study of wildlife conservation
- Employing a more open architecture/shared modules

LEARNING HOURS AND ASSESSMENT

Bournemouth University taught programmes are composed of units of study, which are assigned a credit value indicating the amount of learning undertaken. The minimum credit value of a unit is normally 20 credits, above which credit values normally increase at 20-point intervals. 20 credits is the equivalent of 200 study hours required of the student, including lectures, seminars, assessment and independent study. 20 University credits are equivalent to 10 European Credit Transfer System (ECTS) credits.

The assessment workload for a unit should consider the total time devoted to study, including the assessment workload (i.e., formative and summative assessment) and the taught elements and independent study workload (i.e., lectures, seminars, preparatory work, practical activities, reading, and critical reflection).

Assessment per 20 credit unit should normally consist of 3,000 words or equivalent. Dissertations and Level 6 and 7 Final Projects are distinct from other assessment types. The word count for these assignments is 5,000 words per 20 credits, recognising that undertaking an in-depth piece of original research as the capstone to a degree is pedagogically sound.

STAFF DELIVERING THE PROGRAMME

Students will usually be taught by a combination of senior academic staff with others who have relevant expertise including – where appropriate according to the content of the unit – academic staff, qualified professional practitioners, demonstrators/technicians and research students.

INTENDED LEARNING OUTCOMES – AND HOW THE PROGRAMME ENABLES STUDENTS TO ACHIEVE AND DEMONSTRATE THE INTENDED LEARNING OUTCOMES

PROGRAMME AND LEVEL 6 INTENDED PROGRAMME OUTCOMES

A: Subject knowledge and understanding This level and programme provides opportunities for students to demostrate:	The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the programme and level learning outcomes:
A1 Understanding of relevant theories, concepts and principles in the field of ecology and wildlife conservation **A2** Awareness of the role of the UK and global environmental conservation regulatory frameworks in wildlife conservation **A3** Appreciation of the role of knowledge from a range of disciplines in addressing problems in ecology and wildlife conservation	Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes): • *Lectures (A1-A3)* • *Fieldwork (A1)* • *Seminars (A1, A3)* • *Independent research (A1-A3)*
	Assessment strategies and methods (referring to numbered Intended Learning Outcomes): • *Coursework essays/reports (A1-A3)* • *Exams (A1-A3)* • *Group presentations (A1, A3)* • *Dissertation (A1-A3)*
B: Intellectual skills This programme and level provides opportunities for students to:	The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the programme and level outcomes:
B1 Demonstrate problem solving skills by defining problems and devising possible practical solutions **B2** Integrate evidence from a range of sources to support findings and hypotheses **B3** Critically analyse scientific research work relevant to ecology & wildlife conservation	Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes): • *Lectures (B1-B3)* • *Fieldwork (B1-B3)* • *Seminars (B1, B3)* • *Independent research (B1-B3)*
	Assessment strategies and methods (referring to numbered Intended Learning Outcomes): • *Coursework essays/reports (B1-B3)* • *Exams (B2, B3)* • *Group presentations (B1, B3)* • *Dissertation (B1-B3)*
C: Practical skills This programme and level provides opportunities for students to:	The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the programme and level learning outcomes:

<table>
<tr><td>C1 Use fieldwork and laboratory equipment to observe, record accurately and report laboratory and fieldwork activity

C2 Use a range of web search tools and software packages relevant to practical work,

C3 Present research findings, technical reports and presentations in a range of appropriate formats</td><td>Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes):

• Lectures (C1-C3)
• Fieldwork (C1-C3)
• Seminars (C1,C2)
• Independent research (C1-C3)

Assessment strategies and methods (referring to numbered Intended Learning Outcomes):

• Coursework essays/reports (C1-C3)
• Group presentations (C1, C3)
• Dissertation (C1-C3)</td></tr>
<tr><td>D: Transferable skills

This programme and level provides opportunities for students to:</td><td>The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the programme and level learning outcomes:</td></tr>
<tr><td>D1 Communicate effectively by oral, written and visual means.

D2 Use IT including the Web, spread sheets and word processing software to produce professional work

D3 Demonstrate independent reflective learning skills</td><td>Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes):

• Lectures (D1-D3)
• Fieldwork (D1-D3)
• Seminars (D1,D3)
• Independent research (D1-D3)

Assessment strategies and methods (referring to numbered Intended Learning Outcomes):

• Coursework essays/reports (D1-D3)
• Exams (D1, D3)
• Dissertation (D1-D3)</td></tr>
</table>

LEVEL 5/DipHE INTENDED LEVEL OUTCOMES

<table>
<tr><td>A: Knowledge and understanding

This level provides opportunities for students to:</td><td>The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the level learning outcomes:</td></tr>
<tr><td rowspan="2">A1 Understand core principles and the basics of theories relevant to the field of ecology and wildlife conservation

A2 Consider wider environmental sustainability issues and their integration with wildlife conservation

A3 Understand key conservation management techniques relevant to ecology and wildlife conservation</td><td>Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes):

• Lectures (A1-A3)
• Fieldwork (A1, A3)
• Seminars (A1-A3,)
• Independent research (A1,A3)</td></tr>
<tr><td>Assessment strategies and methods (referring to numbered Intended Learning Outcomes):

• Coursework essays/reports (A1-A3)
• Exams (A1-A3)
• Group presentations (A1, A3)</td></tr>
<tr><td>B: Intellectual skills

This level provides opportunities for students to:</td><td>The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the level learning outcomes:</td></tr>
<tr><td rowspan="2">B1 Evaluate and apply scientific theory and knowledge to a range of situations in the context of wildlife conservation

B2 Demonstrate problem solving skills by defining problems and devising possible practical solutions to ecology & wildlife conservation problems

B3 Integrate evidence from a range of sources to support findings and hypotheses</td><td>Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes):

• Lectures (B1-B3)
• Fieldwork (B1-B3)
• Seminars (B1-B3)
• Independent research (B1- B3)</td></tr>
<tr><td>Assessment strategies and methods (referring to numbered Intended Learning Outcomes):

• Coursework essays/reports (B1-B3)
• Exams (B1, B3)
• Group presentations (B1-B3)</td></tr>
<tr><td>C: Practical skills

This level provides opportunities for students to:</td><td>The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the level learning outcomes:</td></tr>
</table>

C1 Develop key species and habitat identifications skills and use a range of methods for observing and recording activity in the field and laboratory **C2** Use a range of search tools to learn how to explore effectively the wide range of relevant academic literature and other sources of information **C3** Make effective use of IT and software packages relevant to practical work, e.g., GIS and ecological community analysis software	Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes): • *Lectures (C1-C3)* • *Fieldwork (C1-C3)* • *Seminars (C3)* • *Independent research (C1-C3)* Assessment strategies and methods (referring to numbered Intended Learning Outcomes): • *Coursework essays/reports (C1-C3)* • *Group presentations (C1, C3)*
D: Transferable skills This level provides opportunities for students to:	The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the level learning outcomes:
D1 Demonstrate original thinking and the ability to reflect on strengths and weaknesses of different approaching to information gathering **D2** Practice communication in both written and verbal form **D3** Gain skills in the use of widely used IT including the Web, Excel spread sheets and word processing software	Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes): • *Lectures (D1-D3)* • *Fieldwork (D1-D3)* • *Seminars (D1)* • *Independent research (D1-D3)* Assessment strategies and methods (referring to numbered Intended Learning Outcomes): • *Coursework essays/reports (D1-D3)* • *Exams (D1, D2)*

LEVEL 4/Cert HE INTENDED LEVEL OUTCOMES

<table>
<tr><td>A: Knowledge and understanding

This level provides opportunities for students to:</td><td>The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the level learning outcomes:</td></tr>
<tr><td rowspan="2">A1 Understand basic principles of theories and key concepts in ecology and other sciences relevant to ecology and wildlife conservation

A2 Know key environmental threats and the basics of scientific, legislative and societal approaches to wildlife protection

A3 Develop awareness of wider societal issues of, morality and ethics relating to wildlife conservation</td><td>Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes):

• Lectures (A1-A3)
• Fieldwork (A1)
• Seminars (A1-A3)
• Independent research (A1-A3)</td></tr>
<tr><td>Assessment strategies and methods (referring to numbered Intended Learning Outcomes):

• Coursework essays/reports (A1-A3)
• Exams (A1, A2)
• Group presentations (A1-A2)</td></tr>
<tr><td>B: Intellectual skills

This level provides opportunities for students to:</td><td>The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the level learning outcomes:</td></tr>
<tr><td rowspan="2">B1 Develop effective approaches to data handling and results presentation

B2 Gain ability in the critical use of scientific literature to support their academic work

B3 Broaden perspectives on wildlife conservation to include wider issues related to environmental sustainability.</td><td>Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes):

• Lectures (B1-B3)
• Fieldwork (B1)
• Seminars (B1-B3)
• Independent research (B1-B3)</td></tr>
<tr><td>Assessment strategies and methods (referring to numbered Intended Learning Outcomes):

• Coursework essays/reports (B1-B3)
• Exams (B2, B3)
• Group presentations (B1-B3)</td></tr>
<tr><td>C: Practical skills

This level provides opportunities for students to:</td><td>The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the level learning outcomes:</td></tr>
</table>

<table>
<tr><td>C1 Use a range of laboratory and fieldwork equipment to generate and record data

C2 Write appropriately structured scientific reports

C3 Gain basic species and habitat identification skills</td><td>Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes):

• Lectures (C1-C3)
• Fieldwork (C1-C3)
• Seminars (C1, C2)
• Independent research (C1-C3)</td></tr>
<tr><td rowspan="2"></td><td>Assessment strategies and methods (referring to numbered Intended Learning Outcomes):

• Coursework essays/reports (C1-C3)
• Group presentations (C1-C3)</td></tr>
<tr><td>D: Transferable skills

This level provides opportunities for students to:</td><td>The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the level learning outcomes:</td></tr>
<tr><td>D1 Communicate effectively by oral, written and visual means including using spread sheets and word-processing

D2 Apply a range of basic statistical tests to experimental and fieldwork data

D3 Develop creativity and problem solving skills and demonstrate critical balanced thinking</td><td>Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes):

• Lectures (D1-D3)
• Fieldwork (D1-D3)
• Seminars (D1-D3)
• Independent research (D1-D3)</td></tr>
<tr><td></td><td>Assessment strategies and methods (referring to numbered Intended Learning Outcomes):

• Coursework essays/reports (D1-D3)
• Exams (D1,D3)
• Group presentations (D1, D3)</td></tr>
</table>

Programme Skills Matrix

Units		A 1	A 2	A 3	B 1	B 2	B 3	C 1	C 2	C 3	D 1	D 2	D 3
LEVEL 6	Biological Oceanography			X	X	X	X			X	X	X	X
	Climate and Environmental Change	X	X	X	X	X	X		X	X	X	X	X
	Conservation Biogeography	X	X	X	X	X	X		X	X	X	X	X
	Emergence and Extinction	X		X	X	X			X		X		X
	Environmental Law		X	X	X	X	X				X		X
	Environmental Remote Sensing				X			X	X	X	X	X	
	Freshwater Resource Management	X	X	X		X	X		X	X	X		X
	Independent Research Project (LES)	X	X	X	X	X	X	X	X	X	X	X	X
	Marine Conservation	X	X	X		X	X	X	X	X	X	X	X
	Molecular Ecology	X	X	X	X	X	X	X	X	X	X	X	X
	Parasitology and Epidemiology	X		X	X	X		X	X	X	X		
	Primate Behavioural Ecology	X	X	X	X	X	X		X	X	X	X	X
	Sustainable Development and Globalisation	X		X		X	X		X	X	X		X
	Topics in Wildlife Conservation	X		X	X	X	X		X	X	X	X	X
	Wildlife and Ecotourism	X		X	X	X			X	X	X	X	X
LEVEL 5	Advanced Scientific Research Skills					X	X	X	X	X	X	X	X
	Animal Biology	X			X	X		X		X	X	X	X
	Applications of Environmental Science		X			X	X	X	X		X	X	X
	Behavioural Ecology	X		X	X		X	X	X	X	X	X	X
	Coasts and Coastal Adaptation	X	X	X			X		X		X	X	X
	Ecosystems	X	X	X	X	X	X		X	X	X	X	X
	Environmental and Societal Challenges	X	X				X		X		X	X	X
	Environmental Pollution	X	X		X	X	X	X	X	X	X	X	X
	Evolutionary Biology	X		X		X	X		X			X	X
	Geospatial Science					X	X	X		X			X
	International Field Trip	X	X	X	X	X	X	X	X		X	X	X
	Microbiology	X	X			X	X	X	X	X	X	X	X

	Quaternary Environments					X	X				X	X	
	Wildlife Survey Skills	X	X	X	X	X	X	X	X	X	X	X	X
LEVEL 4	Diversity of Life	X			X	X		X	X	X	X		
	Ecology	X	X			X	X	X	X	X	X		X
	Physical Geography		X			X					X		
	Residential Field Trip	X	X		X	X	X	X	X	X	X	X	X
	Scientific Research Skills				X	X		X	X		X	X	X
	Wildlife Protection	X	X	X		X	X		X		X		

ADMISSION REGULATIONS

Please refer to the course website for further information regarding admission regulations for this programme: BSc (Hons) Ecology and Wildlife Conservation | Bournemouth University

PROGRESSION ROUTES

Recognition arrangements provide formally approved entry or progression routes through which students are eligible to apply for a place on a programme leading to a BU award. Recognition does not guarantee entry onto the BU receiving programme only eligibility to apply. In some cases, additional entry criteria such as a Merit classification from the feeder programme may also apply. Please see the Recognition Register for a full list of approved Recognition arrangements and agreed entry criteria.

ASSESSMENT REGULATIONS

The regulations for this programme are the University's Standard Undergraduate Assessment Regulations

WORK BASED LEARNING (WBL) AND PLACEMENT ELEMENTS

Work-based learning requirements are met through professional practice placements. All Bournemouth University programmes offer an optional minimum 30-week placement which forms the third year of a four-year sandwich degree, and this option is provided in the proposed programme. In addition to this, the degree programmes requires students to undertake a short placement of a minimum of 10 working days which will normally run during the summer between levels 4 and 5 and is ratified as part of Level 5 of the programme. Students who do not enrol on a 4-year degree will complete a second short placement of a minimum of 20 working days between level 5 and level 6.