

KEY PROGRAMME INFORMATION

Originating institution(s) Bournemouth University	Faculty responsible for the programme Faculty of Science & Technology
Final award(s), title(s) and credits BSc (Hons) Environmental Science - 120 (60 ECTS) Level 4; 120 (60 ECTS) Level 5; 120 (60 ECTS) Level 6 credits	
Intermediate award(s), title(s) and credits DipHE Environmental Science - 120 (60 ECTS) Level 4 / 120 (60 ECTS) Level 5 credits CertHE Environmental Science - 120 (60 ECTS) Level 4 credits	
UCAS Programme Code(s) (where applicable and if known) F750	HECoS (Higher Education Classification of Subjects) Code and balanced or major/minor load. 100381
External reference points <ul style="list-style-type: none"> • The Revised UK Quality Code for Higher Education • Higher Education Credit Framework for England: Advice on Academic Credit Arrangements 2nd edition (2018) • Benchmark statements for Earth sciences, environmental sciences and environmental studies (2019) • UK Quality Code For Higher Education, Advice and Guidance: Course Design and Development • Jisc digital capabilities framework • Committee of Heads of Environmental Sciences accreditation standards 	
Professional, Statutory and Regulatory Body (PSRB) links Institution of Environmental Sciences (IES)	
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 No applicable	Placements 2 week compulsory placement (level 5) and either 4 week compulsory placement (level 6) <u>or</u> minimum 30-week placement (level P)
Partner(s)	Partnership model

Programme Specification – Section 1

Not applicable	Not applicable
Date of this Programme Specification November 2023	
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Programme Specification – Section 1

PROGRAMME STRUCTURE

Programme Award and Title: BSc (Hons) Environmental Science									
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	Exam 2	Cwk 1	Cwk 2			
Chemistry	Core	20	50	50			40	2.0	100417
Physical Geography	Core	20	-		50	50	40	2.0	100410
Scientific Research Skills	Core	20	30		70		20	1.0	100381
Fundamentals of Environmental Science	Core	20	50		50	-	40	2.0	100348
Diversity of Life	Core	20	25		75		40	2.2	100346
Field Trip	Core	20	-		50	50	40	2.0	100347 /100410 (balanced)
Progression requirements: Requires 120 credits at level 4									
Exit qualification: CertHE Environmental Science									

Year 2/Level 5									
Students are required to complete 3 core units and 3 optional units. Option choice may be constrained by the semester in which units are delivered.									
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	Exam 2	Cwk 1	Cwk 2			
Advanced Scientific Research Skills	Core	20	50		50		20	1.0	100381
Environmental Pollution	Core	20	50		50	-	40	2.0	101078
Applications of Environmental Science	Core	20	50		50	-	40	2.0	101078
Geospatial Science	Option	20	-		50	50	40	1.0	100369
Ecosystems	Option	20	50		50	-	40	2.0	100347
Behavioural Ecology	Option	20	50		50	-	40	2.0	100522
Environmental and Societal Challenges	Option	20	-		30	70	40	2.0	100488
Microbiology	Option	20	50		50	-	40	2.0	100353

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Coasts and Coastal Adaptation	Option	20	-		40	60	40	1.0	101065
Quaternary Environments: Past as Key to the Future	Option	20	-		50	50	40	2.0	100398
International Field Trip	Option	20	-		50	50	40	2.0	100347/ 100410 (balanced)
Introduction to Toxicology (L4 Chemistry is a pre-requisite)	Option	20	50	50			40	2.0	100277

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

Exit qualification: DipHE Environmental Science

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 may progress directly from Level 5 to Level 6.

Year 3/Level 6

Students are required to complete 1 core unit and 4 optional units. Option choice may be constrained by the semester in which units are delivered

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			
Independent Research Project	Core	40	-	100	-	12	2.0	100346
Biological Oceanography	Option	20	70	30	-	40	2.0	100351
Conservation Biogeography	Option	20		100	-	40	1.0	101352
Geomorphological Research	Option	20	-	50	50	40	1.0	100410
Emergence and Extinction	Option	20	50	50	-	40	2.0	100398
Environmental Remote Sensing	Option	20	-	50	50	40	3.0	101056
Marine Conservation	Option	20	50	50	-	40	2.0	100351
Topics in Wildlife Conservation	Option	20	50	50	-	40	2.0	100347
Climate and Environmental Change	Option	20	30	70	-	40	2.0	100408
Environmental Law	Option	20	50	50	-	40	1.0	100485

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Freshwater Resource Management	Option	20	50	50	-	40	2.0	100849
Sustainable Development and Globalisation	Option	20	-	50	50	40	1.0	100488
Environmental Forensics	Option	20	50	50	-	40	2.0	100388

Exit qualification: BSc (Hons) Environmental Science

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

This undergraduate programme aims to develop in its students the abilities to work in regulatory agencies, related industry and other organisations concerned with environmental science.

The primary aim of this course is the development of graduates who:

- Have a critical understanding of the scientific, technical, and regulatory bases of environmental science
- Have the necessary scientific, regulatory and management knowledge base to develop successful careers in specialist fields of environmental science
- Can apply these skills to specific environmental problems, and also communicate effectively with both those working in the field of environmental science and with the wider public
- Have the ability to carry out independent investigations in the area of 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 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, Low Carbon Technology & Materials Science, as part of its BU 2025 strategy plan.

This programme incorporates the Fusion learning principles by:

- Embedding Fusion by ensure teaching is informed by the latest research and linked to practice/industry,
- Personalising learning by use of optional units and choice in assessment
- Using problem-based/enquiry-based/action learning wherever possible
- A multi- and inter-disciplinary approach is taken to the study of environmental science
- Employing a more open architecture/shared modules
- Meeting Professional, Statutory and Regulatory Body (PSRB) accreditation requirements

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.

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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

<p>A: Subject knowledge and understanding</p> <p>This programme/level provides opportunities for students to develop and demonstrate:</p>	<p>The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the level learning outcomes:</p>
<p>A1 Understanding of relevant theories, concepts, paradigms and principles relevant to the field of environmental science;</p> <p>A2 Knowledge and understanding of the essential facts and theories in the student's chosen area of specialisation;</p> <p>A3 Ability to place their scientific knowledge of environmental science within the UK and international frameworks;</p> <p>A4 Understanding of the multidisciplinary and international nature of the degree programme and the need to apply knowledge from a range of subject areas in addressing problems in environmental protection and management;</p> <p>A5 Knowledge and understanding of management techniques relevant to environmental science.</p>	<p>Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes):</p> <ul style="list-style-type: none"> • <i>Lectures (A1-A6)</i> • <i>Field and Laboratory work (A1, A2, A4)</i> • <i>Seminars (A1, A3)</i> • <i>Virtual learning environment (A1-A5)</i> • <i>independent research (for dissertation) (A1-A5)</i> <p>Assessment strategies and methods (referring to numbered Intended Learning Outcomes):</p> <ul style="list-style-type: none"> • <i>Reports (A1, A2, A3, A4)</i> • <i>Essay (A1, A2, A3, A4, A5)</i> • <i>Exam (A1-A6)</i> • <i>Group presentation (A1-A4)</i> • <i>Dissertation (A1-A2)</i> • <i>Conceptual modelling (A4, A5)</i>
<p>B: Intellectual skills</p> <p>This level provides opportunities for students to:</p>	<p>The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the level outcomes:</p>

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<p>B1 Evaluate critically, and apply scientific knowledge and skills in the development and implementation of practical solutions to environmental science problems;</p> <p>B2 Analyse and synthesise information relevant to the programme;</p> <p>B3 Plan, conduct and report an independent project involving original research in laboratory and field settings;</p> <p>B4 Integrate evidence from a range of sources to effectively support findings, hypotheses and arguments;</p> <p>B5 Analyse critically published work in the field environmental science programme.</p>	<p>Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes):</p> <ul style="list-style-type: none"> • Lectures (B1, B2, B4, B5) • Field work (B1) • Seminars (B1, B2, B4, B5) • Virtual learning environment (B1, B2, B4, B5) • Independent research (for dissertation) (B1-B5) <hr/> <p>Assessment strategies and methods (referring to numbered Intended Learning Outcomes):</p> <ul style="list-style-type: none"> • Reports (B1, B2, B4, B5) • Essay (B1, B2, B4, B5) • Exam (B1, B2, B4, B5) • Group presentation (B1, B2, B4, B5) • Dissertation (B1-B5) • Conceptual modelling (B1, B2)
<p>C: Practical skills</p> <p>This level provides opportunities for students to:</p>	<p>The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the level learning outcomes:</p>
<p>C1 Identify and safely use appropriate laboratory and fieldwork methods;</p> <p>C2 Observe, record accurately and report laboratory and fieldwork activity;</p> <p>C3 Use spatial technologies in addressing problems efficiently;</p> <p>C4 Prepare technical reports and presentations;</p> <p>C5 Present research findings in a range of effective and appropriate formats;</p> <p>C6 Prepare, manipulate and interpret data in a logical manner using appropriate techniques.</p>	<p>Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes):</p> <ul style="list-style-type: none"> • Lectures (C1) • Laboratory sessions (C1, C2, C3, C7) • Field work (C1, C2) • Independent research (for dissertation) (C1, C2, C4, C5, C6, C7) <hr/> <p>Assessment strategies and methods (referring to numbered Intended Learning Outcomes):</p> <ul style="list-style-type: none"> • Reports (C1, C2, C3, C4, C5, C6) • Group presentation (C4) • Dissertation (C1, C2, C5, C6) • Conceptual modelling (C3)
<p>D: Transferable skills</p> <p>This level provides opportunities for students to:</p>	<p>The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the level learning outcomes:</p>

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<p>D1 Communicate effectively by oral, written and visual means;</p> <p>D2 Make effective use of IT and software packages, including the Web, spread sheets and word processing;</p> <p>D3 Apply a range of statistical tests on experimental and fieldwork data;</p> <p>D4 Work in collaboration with others, including staff and students in a UK or global context;</p> <p>D5 Demonstrate problem-solving skills and the application of knowledge across discipline areas;</p> <p>D6 Be independent and reflective learners.</p>	<p>Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes):</p> <ul style="list-style-type: none"> • Lectures (D1, D2) • Laboratory sessions (D2, D4, D5) • Field work (D3, D4, D5) • Seminars (D1, D8) • Group work (D1, D5) • Independent research (for dissertation) (D3, D4, D8, D9)
	<p>Assessment strategies and methods (referring to numbered Intended Learning Outcomes):</p> <ul style="list-style-type: none"> • Reports (D1, D2, D3, D5, D6) • Essay (D1, D5, D6) • Exam (D1, D5) • Group presentation (D1, D4) • Dissertation (D2, D3, D5, D6) • Conceptual modelling (D2, D6)

LEVEL 5/DipHE INTENDED LEVEL OUTCOMES

<p>A: Knowledge and understanding</p> <p>This level provides opportunities for students to develop and demonstrate:</p>	<p>The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the level learning outcomes:</p>
<p>A1 An appreciation of the inter-disciplinary and multi-disciplinary context of environmental problems;</p> <p>A2 A knowledge and understanding of a range of scientific concepts relevant to environmental science;</p> <p>A3 A knowledge of the current environmental regulatory framework and appreciation of the legal constraints on the regulatory bodies;</p> <p>A4 A basic knowledge and understanding of environmental and project management;</p> <p>A5 Knowledge of a range of research methods relevant to environmental protection;</p> <p>A6 Knowledge of specific statistical methods.</p>	<p>Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes):</p> <ul style="list-style-type: none"> • Lectures (A1, A2, A3, A4) • Laboratory sessions (A5, A6) • Field work (A1, A2) • Seminars (A4, A5, A6) • Tutorial (A4, A5, A6) • Virtual learning environment (A4, A5, A6) • Surgeries (A4, A5, A6)
	<p>Assessment strategies and methods (referring to numbered Intended Learning Outcomes):</p> <p>The assessment strategy for Level 5 develops by increasing the use of exam and decreased use of online tests to assess student learning. There is also an increased emphasis on critical evaluation/review in coursework.</p>

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	<ul style="list-style-type: none"> • <i>Reports (A3, A6)</i> • <i>Exam (A1, A2, A3)</i> • <i>Research proposal (A4, A5, A6)</i> • <i>Group data analysis (A6)</i> • <i>Online test (A1, A2)</i>
<p>B: Intellectual skills</p> <p>This level provides opportunities for students to:</p>	<p>The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the level learning outcomes:</p>
<p>B1 Apply scientific concepts to a range of situations in the context of environmental protection;</p> <p>B2 Collect data using methods consistent with good scientific practice;</p> <p>B3 Evaluate the current regulatory framework;</p> <p>B4 Apply theoretical knowledge and concepts to environmental management;</p> <p>B5 Exercise judgment in using appropriate methods of data analysis and statistical methods.</p>	<p>Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes):</p> <ul style="list-style-type: none"> • <i>Lectures (B1, B3, B4)</i> • <i>Laboratory sessions (B2)</i> • <i>Field work (B2)</i> • <i>Seminars (B5)</i> • <i>Tutorial (B5)</i> • <i>Virtual learning environment (B5)</i> • <i>Surgeries (B5)</i> <p>Assessment strategies and methods (referring to numbered Intended Learning Outcomes):</p> <ul style="list-style-type: none"> • <i>Reports (B2, B4, B3)</i> • <i>Essay (B1)</i> • <i>Exam (B2, B3, B4)</i> • <i>Group data analysis (B5)</i> • <i>Online test (B1)</i>
<p>C: Practical skills</p> <p>This level provides opportunities for students to:</p>	<p>The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the level learning outcomes:</p>
<p>C1 Use laboratory and field equipment appropriately and safely;</p> <p>C2 Observe and record activity in the field and laboratory;</p> <p>C3 Prepare technical reports and presentations;</p> <p>C4 Make effective use of IT and software packages relevant to the programme.</p>	<p>Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes):</p> <ul style="list-style-type: none"> • <i>Laboratory sessions (C1, C2)</i> • <i>Field work (C1, C2)</i> • <i>Seminars (C3, C4)</i> • <i>Tutorial (C3, C4)</i> • <i>Virtual learning environment (C3, C4)</i> • <i>Surgeries</i> <p>Assessment strategies and methods (referring to numbered Intended Learning Outcomes):</p>

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	<ul style="list-style-type: none"> • <i>Reports (C1, C2, C3, C4)</i> • <i>Essay (C4)</i> • <i>Group presentation (C3)</i> • <i>PC based tasks (C4)</i>
<p>D: Transferable skills</p> <p>This level provides opportunities for students to:</p>	<p>The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the level learning outcomes:</p>
<p>D1 Be reflective learners and analyse their strengths and weaknesses;</p> <p>D2 Communicate effectively in both written and verbal form;</p> <p>D3 Work effectively in teams;</p> <p>D4 Demonstrate problem-solving skills;</p> <p>D5 Apply a range of statistical tests to experimental and fieldwork data.</p>	<p>Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes):</p> <ul style="list-style-type: none"> • <i>Laboratory sessions (D3, D5)</i> • <i>Field work (D1, D3)</i> • <i>Seminars (D5)</i> • <i>Tutorial (D2, D5)</i> • <i>Virtual learning environment (D1, D2, D5)</i> • <i>Group work (D1, D3)</i> • <i>Peer assisted learning (D1, D3)</i> <p>Assessment strategies and methods (referring to numbered Intended Learning Outcomes):</p> <ul style="list-style-type: none"> • <i>Online tests (D4)</i> • <i>Reports (D1, D2, D4, D5)</i> • <i>Essay (D2, D4)</i> • <i>Exam (D2, D4)</i> • <i>Group presentation/data analysis (D1, D3, D5)</i>

LEVEL 4/Cert HE INTENDED LEVEL OUTCOMES

<p>A: Knowledge and understanding</p> <p>This level provides opportunities for students to develop and demonstrate:</p>	<p>The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the level learning outcomes:</p>
<p>A1 A basic knowledge and understanding of the sciences relevant to environmental science;</p> <p>A2 An appreciation of environmental regulation and enforcement;</p> <p>A3 An understanding of the scientific and human basis of a range of environmental issues;</p>	<p>Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes):</p> <ul style="list-style-type: none"> • <i>Lectures (A1, A2, A3, A4, A5)</i> • <i>Laboratory sessions (A1, A4)</i> • <i>Field work (A1, A4)</i> • <i>Seminars (A1, A2, A3, A4, A5)</i> • <i>Tutorial (A4, A5)</i> • <i>Virtual learning environment (A1, A2, A3, A4, A5)</i>

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<p>A4 A basic understanding of environmental investigative techniques;</p> <p>A5 An understanding of basic statistical methods.</p>	<ul style="list-style-type: none"> • Surgeries (A1, A2, A3, A4, A5) <p>Assessment strategies and methods (referring to numbered Intended Learning Outcomes):</p> <p>Assessment at this level is almost entirely by coursework. One exam is used in assessment at this level so that the students have an opportunity to experience/practice an exam in level 4. The use of online tests is also prevalent at this level. Assessment method used are:</p> <ul style="list-style-type: none"> • <i>Online tests (A1, A2, A3, A4, A5)</i> • <i>Reports (A1, A2, A3)</i> • <i>Essay (A1, A3, A4)</i> • <i>Exam (A1, A2, A4)</i> • <i>Field notebook (A4)</i> • <i>Group presentation (A1, A4)</i>
<p>B: Intellectual skills</p> <p>This level provides opportunities for students to:</p>	<p>The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the level learning outcomes:</p>
<p>B1 Analyse numerical data and identify appropriate statistical tests;</p> <p>B2 Identify key areas of the law as they affect land and the environment;</p> <p>B3 Identify and use appropriate information sources;</p> <p>B4 Demonstrate an awareness of the scientific method;</p> <p>B5 Recognise the different approaches and areas in environmental science.</p>	<p>Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes):</p> <ul style="list-style-type: none"> • <i>Lectures (B2, B5)</i> • <i>Laboratory sessions (B4)</i> • <i>Field work (B5)</i> • <i>Tutorial (B1, B4)</i> • <i>Virtual learning environment (B1, B4)</i> <p>Assessment strategies and methods (referring to numbered Intended Learning Outcomes):</p> <ul style="list-style-type: none"> • <i>Online tests (B1, B2)</i> • <i>Reports (B1, B3, B5)</i> • <i>Essay (B2, B3)</i> • <i>Exam (B2, B5)</i> • <i>Field notebook (B4)</i> • <i>Group presentation (B1)</i>
<p>C: Practical skills</p> <p>This level provides opportunities for students to:</p>	<p>The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the level learning outcomes:</p>

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<p>C1 Observe, record accurately and report laboratory and fieldwork activity;</p> <p>C2 Use laboratory and fieldwork equipment to generate data;</p> <p>C3 Make use of literature relevant to the programme;</p> <p>C4 Write appropriately structured reports.</p>	<p>Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes):</p> <ul style="list-style-type: none"> • • <i>Lectures (C1, C4)</i> • <i>Laboratory sessions (C1, C2)</i> • <i>Field work (C1, C2)</i> • <i>Seminars (C3)</i> • <i>Tutorial (C3)</i> • <i>Virtual learning environment (C3, C4)</i> <p>Assessment strategies and methods (referring to numbered Intended Learning Outcomes):</p> <ul style="list-style-type: none"> • <i>Online tests</i> • <i>Reports (C1, C4)</i> • <i>Essay (C3)</i> • <i>Field notebook (C1, C2)</i> • <i>Group presentation (C1,C2)</i>
<p>D: Transferable skills</p> <p>This level provides opportunities for students to:</p>	<p>The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the level learning outcomes:</p>
<p>D1 Communicate effectively by oral, written and visual means;</p> <p>D2 Use IT including the Web, spread sheets and word-processing;</p> <p>D3 Apply a range of basic statistical tests to experimental and fieldwork data;</p> <p>D4 Work in collaboration with others, including staff and students;</p> <p>D5 Demonstrate problem-solving skills and the application of knowledge across discipline areas;</p> <p>D6 Be independent and reflective learners.</p>	<p>Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes):</p> <ul style="list-style-type: none"> • <i>Lectures (D1)</i> • <i>Laboratory sessions (D4, D5)</i> • <i>Field work (D4, D5)</i> • <i>Seminars (D1)</i> • <i>Tutorial (D1, D2, D3, D6)</i> • <i>Virtual learning environment (D1, D2, D3, D6)</i> <p>Assessment strategies and methods (referring to numbered Intended Learning Outcomes):</p> <ul style="list-style-type: none"> • <i>Online tests (D2, D3)</i> • <i>Reports (D1, D2, D3, D6)</i> • <i>Essay (D1, D2, D6)</i> • <i>Field notebook (D3, D6)</i> • <i>Group presentation (D4, D5)</i>

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Programme Skills Matrix

Units		Programme Intended Learning Outcomes																							
		A 1	A 2	A 3	A 4	A 5	A 6	B 1	B 2	B 3	B 4	B 5	C 1	C 2	C 3	C 4	C 5	C 6	D 1	D 2	D 3	D 4	D 5	D 6	
LEVEL 6	Independent Research Project	X	X			X	-	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	
	Biological Oceanography	X	X	X	X	X	-	X	X				X	X		X		X	X	X					
	Conservation Biogeography	X	X	X	X		-	X						X	X	X			X	X					
	Geomorphological Research	X	X				-		X			X	X		X	X	X		X	X					
	Emergence and Extinction	X	X				-		X			X				X			X	X				X	
	Environmental Remote Sensing	X	X		X	X	-	X			X	X			X			X	X	X					
	Marine Conservation	X	X		X	X	-	X	X				X	X		X			X	X	X			X	
	Topics in Wildlife Conservation	X	X		X		-	X	X							X	X		X	X	X			X	X
	Climate and Environmental Change	X	X	X	X		-	X	X			X				X	X		X	X					
	Environmental Law	X	X	X	X	X	-		X			X						X		X	X				X
	Freshwater Resource Management	X	X		X		-	X	X		X	X	X				X			X	X				X
Sustainable Development and Globalisation	X	X	X	X		-	X	X			X				X	X		X	X			X	X		
Environmental Forensics	X	X		X	X	-	X	X							X			X	x						
LEVEL 5	Advanced Scientific Research Skills				X		X		X			X			X	-	-		X				X	-	
	Environmental Pollution	X	X	X		X		X	X	X	X		X	X	X	X	-	-		X			X	-	
	Applications of Environmental Science	X	X	X				X		X	X						-	-		X			X	-	
	Geospatial Science		X			X		X				X				X	-	-		X				X	-
	Ecosystems	X	X			X		X			X					X	-	-		X			X	-	
	Behavioural Ecology		X					X			X							-	-		X				-
	Environmental and Societal Challenges	X	X		X			X			X				X	X	-	-	X	X	X	X			-
Microbiology		X			X			X				X	X	X	X	-	-		X					-	

Programme Specification - Section 2

	Coasts and Coastal Adaptation	X	X					X			X			X	X	-	-		X		X		-	
	Quaternary Environments		X					X			X			X		-	-							-
	International Field Trip	X						X			X		x	X	X	-	-		X	X				-
	Introduction to Toxicology		X			X		X								-	-							-
L E V E L 4	Chemistry	X			X		-				X		X	X			-	-					X	
	Physical Geography	X		X			-				X						-	-					X	
	Scientific Research Skills				X	X	-	X		X	X		X		X	X	-	-	X	X	X		X	X
	Fundamentals of Environmental Science	X	X	X	X		-		X	X				X			-	-	X	X			X	
	Diversity of Life	X			X		-				X	X	X	X	X			-	-	X				
	Residential Field Trip				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 \(Hons\) Environmental Science | 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 programme 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 between level 5 and level 6.