

Programme Specification

BSc Environmental Management

For students entering Part 1 in September 2019

UCAS Code: F750

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This document sets out key information about your Programme and forms part of your Terms and Conditions with the University of Reading.

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| Awarding Institution | University of Reading |
| Teaching Institution | University of Reading |
| Length of Programme | 3 years |
| Length of Programme with placement/year abroad | BSc Environmental Management with Placement Year - 4 years (UCAS Code: D447) |
| Accreditation | In discussion with the Landscape Institute and the Chartered Institute of Ecology and Environmental Management |

Programme information and content

How to effectively manage the environments in which we live, work and relax is one of the biggest and most exciting challenges we currently face. Our land and water bodies are facing increasing conflicts related to their management for different purposes, including production of food and other commodities, provision of renewable energy, protection of soil and water resources, conservation of biodiversity, urban development and the provision of space for recreation and tourism.

This degree provides a sound understanding of the functioning of natural and man-made environments, acquisition and analysis of environmental data, development of management strategies and plans, implementation of appropriate management methods, and will help you develop the personal and transferable skills relevant to a broad range of employers.

Through core modules in key subjects you will develop essential skills and knowledge for understanding and managing the main components of the environment. Modules are taught by staff from a range of disciplines across the campus, including Biology, Geography and Environmental Science.

A key feature of the programme is the wide range of optional modules available, enabling you to focus on those most relevant to your interests and objectives. You could take a pathway in Landscape & Countryside Management or Global Environmental Management, or you could take a variety of individual modules from these and other areas. In the final year, you undertake a major research dissertation on a topic of your choice.

The programme covers an exciting range of subjects through seminars, lectures, practicals, visits, field work and project work. Strong links with employers provide opportunities for studying and gaining experience through visits, talks and short-term or one year placements. This degree has been designed with the needs of employers in mind, developing practical skills of relevance to the workplace.

This programme is an excellent preparation for a range of careers. Previous graduates have become advisors, consultants, researchers and managers both in the UK and internationally. Employers include advisors and practical managers in public bodies such as Natural England, Environment Agency and local authorities; in non-government organisations such as the Wildlife Trusts, RSPB and the National Trust; or in environmental or ecological consultancy in the private sector.

| | |
|---------|---|
| Part 1: | Part 1 provides the grounding in the components of natural and managed environments and the interactions between them. It introduces the underlying concepts and principles relating to impacts of human activities on the environment. Students have the opportunity to develop skills in the acquisition, interpretation and presentation of quantitative and qualitative data. |
| Part 2: | Part 2 fosters development of knowledge and critical understanding of how scientific and socio-economic research is integrated and applied to the development of environmental management strategies. It supports the development of a range of skills in the acquisition of environmental information, and the analysis and presentation of data. Students are exposed to professional practice in the area of environmental management through interaction with practitioners, site visits and placement opportunities. |
| Part 3: | Part 3 provides opportunities for students to apply skills in research and enquiry through an independent research project. Modules focus on the practicalities of management for organisations working in the sector and allow students to develop skills in problem solving and decision making in complex situations, drawing on relevant research in the area. It promotes application of an interdisciplinary approach to the formulation of appropriate management strategies to address environmental problems. |

Module information

Each part comprises 120 credits, allocated across a range of compulsory and optional modules as shown below. Compulsory modules are listed.

Part 1 Modules:

| Module | Name | Credits | Level |
|---------|--|---------|-------|
| AP1AE10 | Research Skills for Environmental Management | 10 | 4 |
| AP1AE15 | Ecology and Environmental Management | 20 | 4 |
| AP1AE20 | Humans and the Environment | 10 | 4 |
| AP1SB1 | Introduction to Management | 10 | 4 |
| GV1B1 | Introduction to Environmental Science | 10 | 4 |

Your remaining credits will be made up of optional modules from selected modules, subject to Programme Director approval and timetabling constraints. **You must, however, select a minimum of 30 of these credits from the pathway options.** Students also have the option to select a language module.

Part 2 Modules:

| Module | Name | Credits | Level |
|---------|--|---------|-------|
| AP2A59 | Nature Conservation | 10 | 5 |
| AP2A61 | Experimentation and Data Analysis | 10 | 5 |
| AP2AE30 | Landscape and Ecosystem Management Fieldcourse 1 | 10 | 5 |
| AP2AE35 | Career Planning and Professional Practice for BSc Environmental Management | 10 | 5 |
| AP2AE45 | Methods in Ecology and Environmental Management | 20 | 5 |

Your remaining credits will be made up of optional modules from selected modules , subject to Programme Director approval and timetabling constraints. **You must, however, select a minimum of 30 of these credits from the pathway options.** Students also have the option to select a language module.

Modules during a placement year or study year (if applicable):

If you are undertaking a year-long placement or a year-long study abroad, students will take one 120 credit module as follows:

| Module | Name | Credits | Level |
|---------|---|---------|-------|
| AP2PP1 | Professional Placement | 120 | 5 |
| Or | | | |
| AP2SA3* | Professional Placement with Study Abroad Experience | 120 | 5 |
| Or | | | |
| AP2SA1* | Study Abroad Year | 120 | 5 |

As part of the Placement Year, students have the option to take either a full year (minimum of 40 weeks) in full time employment or, with approval from the module convenor and programme director, a shorter work placement (minimum of 20 weeks) combined with a study abroad semester. Students can also select a full year of study abroad. *Students will only be eligible for AP2SA3 and AP2SA1 if they meet the criteria and if places are available in overseas institutions – places are not guaranteed.

Students may be permitted to undertake a placement year or a study abroad year between Part 2 and Part 3 of the programme. In such cases students will transfer to a 4-year programme. The placement or study abroad year should not normally be shorter than nine months full-time.

If you take a year-long placement or study abroad, Part 3 as described below may be subject to variation.

Part 3 Modules:

| Module | Name | Credits | Level |
|---------|--|---------|-------|
| AP3A81 | Dissertation | 40 | 6 |
| AP3AE65 | Landscape and Ecosystem Management Fieldcourse 2 | 10 | 6 |
| AP3AE70 | Environmental Management in Practice | 10 | 6 |

Your remaining credits will be made up of optional modules from selected modules, subject to Programme Director approval and timetabling constraints. **You must, however, select a minimum of 20 of these credits from the pathway options.**

Optional modules:

The optional modules available can vary from year to year. An indicative list of the range of optional modules for your Programme is set out in the Further Programme Information. Details of optional modules for each part, including any Additional Costs associated with the optional modules, will be made available to you prior to the beginning of the Part in which they are to be taken and you will be given an opportunity to express interest in the optional modules that you would like to take. Entry to optional modules will be at the discretion of the University and subject to availability and may be subject to pre-requisites, such as completion of another module. Although the University tries to ensure you are able to take the optional modules in which you have expressed interest this cannot be guaranteed.

Additional costs of the programme

You should ensure that you bring with you to University a waterproof coat and trousers and a pair of wellington boots (£15) and/or sturdy footwear e.g. walking boots (£50 – 100) for field work and visits (should you need to purchase these, approximate costs are in brackets). Depending on choice of optional modules, you may also require a laboratory coat which you can bring with you or purchase from the University when you arrive (£12).

Costs for the two compulsory residential field courses are covered by the fees. Participation in additional field courses chosen as optional modules is subject to additional fees. These are typically in the range £1000-£2000, depending on the venue, and are publicised prior to enrolment for optional modules. Costs are indicative, but will vary according to module choice and are subject to inflation and other price fluctuations. The estimates were calculated in 2017.

Placement opportunities

If you take the 4 year degree with a Professional Placement, you are required to undertake a compulsory placement as part of your Programme (see section above on Placement). You will be supported in finding this placement.

Students will undertake a credit-bearing micro placement as part of the professional practice module. You will be required to find and secure a placement opportunity, with the support of the University.

Teaching and learning delivery:

You will be taught through lectures, seminars/tutorials, laboratory and field practicals and supervised project work.

The contact hours for your Programme will be approximately 300-360 hours in Part 1, 300-360 hours in Part 2 and 200-240 hours in Part 3 and will depend upon your module combination; however information about module contact hours can be located in the relevant module descriptions.

Accreditation details

N/A

Assessment

The programme will be assessed through a combination of written examinations and coursework, assessed via a range of methods.

Progression

The University-wide rules relating to 'threshold performance' as follows

Part 1

To gain a threshold performance at Part 1 a student shall normally be required to

- (i) obtain an overall average of 40% over 120 credits taken in Part 1; and
- (ii) obtain a mark of at least 30% in individual modules amounting to not less than 100 credits taken in Part 1; and

In order to progress from Part 1 to Part 2 of this programme, a student shall normally be required to achieve a threshold performance at Part 1 and

- (iii) achieve a credit weighted average mark of not less than 40% over the compulsory modules (AP1AE15, AP1AE20, AP1SB1, GV1B1, RE1SPGW); and

- (iv) a mark of not less than 30% in each compulsory module.

If you gain a threshold performance at Part 1 and do not proceed to achieve a higher award, you are eligible to receive the award of Certificate of Higher Education. The Part 1 Examination does not contribute to the classification of your degree.

Part 2

The Part 2 examination is used to assess a student's suitability to proceed to Part 3 of their programme. It also determines eligibility for the Diploma of Higher Education. In addition, the marks achieved in the Part 2 Examination contribute to the classification of your degree.

To gain a threshold performance at Part 2, a student shall normally be required to achieve:

- (i) A weighted average of 40% over 120 credits taken at Part 2; and
- (ii) Marks of at least 40% in individual modules amounting to not less than 80 credits; and
- (iii) Marks of at least 30% in individual modules amounting to not less than 120 credits,

except that a mark below 30% may be condoned in no more than 20 credits of modules owned by the Department of Mathematics and Statistics.

In order to progress from Part 2 to Part 3, student must achieve a threshold performance at Part 2. If you gain a threshold performance at Part 2 and do not proceed to achieve a higher award, you are eligible to receive the award of Diploma of Higher Education.

Placement Year/Year Abroad (or combination thereof)

Students are required to pass their year out in order to progress on the programme which incorporates the placement year, study abroad year or combination thereof.

Students who fail the placement year transfer to the non-placement year version of the programme.

Classification

The University's honours classification scheme is based on the following:

| Mark | Interpretation |
|------------|------------------------|
| 70% - 100% | First class |
| 60% - 69% | Upper Second class |
| 50% - 59% | Lower Second class |
| 40% - 49% | Third class |
| 35% - 39% | Below Honours Standard |
| 0% - 34% | Fail |

The weighting of the Parts/Years in the calculation of the degree classification is:

Three-year programmes

Part 2 one-third

Part 3 two-thirds

Four-year programmes, including placement year or study abroad:

Normally:

Part 2 one-third

Placement Year not included in classification

Part 3 two-thirds

(Where a student fails a placement year or study abroad year, which does not contribute to classification they transfer to the three-year version of the programme)

For further information about your Programme please refer to the Programme Handbook and the relevant module descriptions, which are available at <http://www.reading.ac.uk/module/>. The Programme Handbook and the relevant module descriptions do not form part of your Terms and Conditions with the University of Reading.

BSc Environmental Management for students entering Part 1 in session 2019/20

30 August 2018

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