

School of Life and Medical Sciences

Title of Programme: Geography and Environment


Programme Code: HHGE

## Programme Specification

This programme specification is relevant to students entering:  
27 September 2021

Associate Dean of School (Academic Quality Assurance):

Dr Stefanie Schmeer



A programme specification is a collection of key information about a programme of study (or course). It identifies the aims and learning outcomes of the programme, lists the modules that make up each stage (or year) of the programme, and the teaching, learning and assessment methods used by teaching staff. It also describes the structure of the programme, its progression requirements and any programme-specific regulations. This information is therefore useful to potential students to help them choose the right programme of study, to current students on the programme, and to staff teaching and administering the programme.

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### Summary of amendments to the programme:

Date	Section	Amendment
08/04/21	Throughout	Included reference to Study Abroad where appropriate
08/04/21	D Table 1a	Corrected name of modules 5LMS0148 Quaternary Environmental Change and 6LMS0176 Glacial and Periglacial Systems
08/04/21	D Table 1a	6LMS0176 Glacial and Periglacial Systems amended to 100% CW
08/04/21	D Table 1 a	6LMS0175 Geopolitics amended to 100% CW
08/04/21	D Table 1a	6LMS0013 Natural Hazards and Disaster Reduction amended to 100% CW
08/04/21	D Table 1a	5LMS0011 Earth Surface Processes and Landforms amended to 100% CW
08/04/21	D Table 1a	4LMS0183 Dynamic Earth amended to 100% CW
08/04/21	D Table 1a	4LFS0075 Ecosystems and Environmental Change amended to 100% CW

If you have any queries regarding the changes, please email [AQO@herts.ac.uk](mailto:AQO@herts.ac.uk)

# Programme Specification Geography and Environment

This programme specification (PS) is designed for prospective students, enrolled students, academic staff and potential employers. It provides a concise summary of the main features of the programme and the intended learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. More detailed information on the teaching, learning and assessment methods, learning outcomes and content for each module can be found in Definitive Module Documents (DMDs) and Module Guides.

## Section 1

<b>Awarding Institution/Body</b>	University of Hertfordshire
<b>Teaching Institution</b>	University of Hertfordshire
<b>University/partner campuses</b>	College Lane
<b>Programme accredited by</b>	Institution of Environmental Sciences (Environmental Management and Ecology award only) Royal Geographical Society (All Geography pathways)
<b>Final Qualification</b>	BSc (Hons)
<b>All Final Award titles (Qualification and Subject)</b>	Environmental Management and Ecology Environmental Management and Ecology with a Year Abroad Environmental Management and Ecology with Study Abroad Environmental Management and Ecology (Sandwich) Geography Geography with a Year Abroad Geography with Study Abroad Geography (Sandwich) Human Geography Human Geography with a Year Abroad Human Geography with Study Abroad Human Geography (Sandwich) Physical Geography Physical Geography with a Year Abroad Physical Geography with Study Abroad Physical Geography (Sandwich)
<b>FHEQ level of award</b>	6
<b>UCAS code(s)</b>	F750, F800, L700, F804
<b>Language of Delivery</b>	English

## A. Programme Rationale

Following a common first year, students can specialise in their second and final year, where there will be elements of choice, enabling students to develop their particular geographical or environmental interests through one of 4 distinct pathways: Geography, Human Geography, Physical Geography and Environmental Management and Ecology. The programme includes an optional Sandwich Placement Year, Study Abroad or Year Abroad, taken in year 3 of 4, aimed particularly at helping students identify suitable career paths, enhancing employment prospects, supporting final year studies and increasing professionalism.

The content of the programme will allow graduates the chance of employment in a wide range of geography and environment related careers. The programme also recognises that a proportion of the successful graduates will not take up careers directly related to geography and the environment. It is designed to prepare graduates who have a sound knowledge of the wider world and an interest in economic, political, social and environmental issues; who are trained to deal with complex problems and to grasp their wider implications; who are proficient in articulating ideas and arguments and completing research projects on their own initiative; and who are skilled in information retrieval, data management and computing. Therefore, the programme incorporates the necessary graduate

skills, which will enable successful students to gain employment in a wider variety of careers and leave university with a professionally accredited Royal Geographical Society (RGS) or Institution of Environmental Sciences (IES) degree.

The **BSc (Hons) Geography degree** reflects the diverse nature of the discipline, bridging the sciences and arts, providing a broad-based understanding of the Earth, its physical and social characteristics. It addresses important issues, such as global environmental change, natural hazards, hydrology, socio-spatial inequalities, globalisation, urbanisation and planning. Thus, the Geography pathway fosters in students a coherent view of the rapidly changing world and the ways in which society influences and is influenced by it.

The Geography pathway is designed for students who wish to enhance their understanding of the world in which they live, with particular regard to gaining an understanding of geographical processes and patterns. In addition, students progressively develop independent learning skills during the degree programme. Typical career pathways for a geographer include working for local government, for example in transport, development, housing and planning, the Civil Service, Transport Companies and the Environment Agency.

A student studying for a **BSc (Hons) Human Geography** degree will explore how people interact with the world around them looking at cutting edge issues related to demography, migration and mobility, socio-spatial inequality, urbanisation, changing rural life, recreation and access, tourism, development, planning, globalisation and geopolitics. The Human Geography degree also fits well with the University's commitment to the Centre for Sustainable Communities with its emphasis on urbanism, transport and energy, three areas vital to the study of socio-spatial systems. Studying Human Geography allows a student to think about the kind of world they would like to live in and provides them with the skills to have a say in how future society develops. The Human Geography degree is applied and vocationally based and includes an opportunity for an industrial placement or year abroad, which reflects the University's strategy of increasing employability. A graduate with a BSc Human Geography degree would gain a Royal Geographical Society (RGS) accredited degree and be well placed to continue their studies on our MSc Sustainable Planning programme.

A student studying for a **BSc (Hons) Physical Geography** degree will acquire a detailed understanding of physical geography at a time when this knowledge has never been more important for decision making related to the future of the planet. Physical Geography tackles the major environmental issues of our time, namely climate change and natural hazards, environmental degradation and human impact on the Earth's natural resources and examining the vulnerability and resilience of the natural and built environment to these perturbations. Fieldwork is a major component of the degree programme allowing students to gain first-hand knowledge of Earth surface processes and landforms. Students on this pathway can take an industrial placement or year abroad in year 3. A graduate of our Physical Geography degree would gain a Royal Geographical Society (RGS) accredited degree and demonstrate a commitment to a subject area that is increasingly in demand by employers, in particular in the field of environmental consultancy. A Physical Geography degree also offers a route towards our MSc in Environmental Management.

The **BSc (Hons) Environmental Management and Ecology** programme is an applied interdisciplinary degree, which seeks to give students a scientific understanding of the conservation and management of the environment. This pathway is accredited by the Institution of Environmental Sciences (IES). It provides student with the skills to analyse how legislative, economic and political factors act as drivers for improvement in environmental performance in all types of organisations. The focus of the programme on conservation and ecology recognises the need to consider the complex ramifications that result from human exploitation of the environment, and to meet the requirements of sustainable development. Field based ecological techniques are taught throughout, including during an industrial placement or year abroad, that are directly transferable into the workplace and currently in great demand by environmental and ecological organisations to kick start careers in these fields.

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## B. Educational Aims of the Programme

The programme has been devised in accordance with the University's graduate attributes of programmes of study as set out in [UPR TL03](#).

**Additionally, this programme aims to:**

### **BSc (Hons) Geography**

- enable students to apply knowledge and understanding of geographical processes in relation to spatial and temporal patterns and changes in the human and physical environment;

### **BSc (Hons) Human Geography**

- enable students to apply knowledge and understanding of geographical processes in relation to spatial and temporal patterns, changes and interdependencies in society and the surrounding environment;

### **BSc (Hons) Physical Geography**

- enable students to apply knowledge and understanding of geographical processes in relation to spatial and temporal patterns, processes and landforms in the physical environment;

### **BSc (Hons) Environmental Management and Ecology**

- enable students to apply knowledge and understanding of the Earth's systems and their complex interactions in relation to the effects of human activities on environmental processes;

### **Common to all pathways:**

- provide students with techniques and methods to enable them to develop the practical applications of theoretical concepts in both a multi- and interdisciplinary manner, interpret complex situations and inform decision making;
- provide students with knowledge, understanding and graduate skills to prepare them for employment or further study.

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## C. Intended Learning Outcomes

The programme provides opportunities for students to develop and demonstrate knowledge and understanding, skills and other attributes. The programme outcomes are referenced to the QAA benchmark statements for Geography, Earth Sciences, Environmental Sciences and Environmental Studies and the Frameworks for Higher Education Qualifications of UK Degree-Awarding Bodies (2014) and relate to the typical student. The intended learning outcomes are also aligned to the learning outcomes of the professional accredited bodies of the RGS and IES. Additionally, the SEEC Credit Level Descriptors for Further and Higher Education (2016) have been used as a guiding framework for curriculum design.

### **Geography, Human Geography and Physical Geography Pathways**

<u>Knowledge and Understanding</u>	<u>Teaching and learning methods</u>	<u>Assessment strategy</u>
A1- The significance of spatial relationships as influences upon physical and human environments;	Acquisition of knowledge and understanding is through a combination of lectures, workshops, seminars, tutorials, field classes; on-line learning materials; laboratory work, practical experience, problem-based learning, directed	Knowledge and understanding are assessed through a combination of unseen examinations, in-course assessments in the form of essay and laboratory assignments, map work, laboratory and field reports,
A2- the diversity and interdependence of places		

and processes at various spatial and temporal scales;

A3- the nature of change within, and inter-relationships between the physical and human environments

A4- contemporary and historical issues within human and physical geography;

A5- the science, philosophy, theory and concepts that underpin geography;

A6- the diversity of geographical approaches derived from the epistemologies of the humanities, social and natural sciences;

A7- research methodologies and techniques in geographical data collection, analysis and presentation;

A8. the diversity of specialist techniques and approaches in geographical data analysis and problem solving (e.g. GIS, laboratory work, qualitative analysis);

*Additionally, the BSc (Hons) Geography has the following Learning Outcome:*

A9 problem solving by bridging knowledge and understanding derived from both human and physical geography

*Additionally, the BSc (Hons) Human Geography has the following Learning Outcome:*

A10. the epistemology and ontology of human geographic thought, practice and application.

*Additionally, the BSc (Hons) Physical Geography has the following Learning Outcome*

reading and guidance and feedback from assessment. One day and residential field courses to give hands-on experience.

Throughout, the learner is encouraged to undertake independent study both to supplement and consolidate what is being taught/learnt and to broaden their individual knowledge and understanding of the subject.

poster production and seminar presentations (some of which will include group work) and the final year research project which is on a topic relevant to the programme pathway.

<p>A11. the physical environment, systems, processes and landforms in a range of contexts and environments</p>		
<u>Intellectual skills</u>	<u>Teaching and learning methods</u>	<u>Assessment strategy</u>
<p>B1- identify the appropriate investigative techniques for a geographical problem linked to space, place and time;</p> <p>B2- formulate and develop research to test geographical hypotheses and paradigms;</p> <p>B3- analyse numeric and spatial data using statistical techniques and GIS;</p> <p>B4- undertake methods of geographical information retrieval from a range of sources</p> <p>B5- assess the ethical implications and hazards of geographical investigations;</p> <p>B6- appraise, critically evaluate and reflect on the quality of their own work and that of others;</p> <p><i>Additionally, the BSc (Hons) Geography has the following Learning Outcome</i></p> <p>B7 to create synergies between human and physical geography</p> <p>B8 to understand the Earth and its human and natural complexities</p> <p><i>Additionally, the BSc (Hons) Human Geography has the following Learning Outcome</i></p> <p>B9 – synthesise and apply a range of concepts and theories within human geography</p> <p>B10 to analyse human patterns of social interaction, culture, spatial interdependencies and</p>	<p>Intellectual skills are developed throughout the programme by the methods and strategies outlined in section A, above. The practicals, workshops and tutorials will have specific topics to meet many of the intellectual skill requirements.</p> <p>Throughout, the learner is encouraged to develop intellectual skills further by independent study</p>	<p>B1 to B8 are assessed through a combination of unseen examinations, in-course assessments in the form of essay and report assignments, laboratory, field reports and notebooks, poster production and seminar presentations (some of which will include group work) and the final year research project which is on a topic relevant to the programme pathway.</p>

<p>relationships with the environment</p> <p><i>Additionally, the BSc (Hons) Physical Geography has the following Learning Outcome</i></p> <p>B11– synthesise and apply a range of theories to physical geography practice and fieldwork</p> <p>B12 to analyse geosystems and the physiography of the natural environment</p>		
<p><b>Practical skills</b></p> <p>C1- work safely under laboratory and field conditions in accordance with health and safety, COSHH and ethics guidelines;</p> <p>C2- execute practical investigations to test or develop a hypothesis;</p> <p>C3- plan, record, analyse and interpret information derived from geographical investigations of space, place and time;</p> <p>C4- undertake statistical analysis of numerical data by using either appropriate computer-based packages or calculations by hand;</p> <p>C5- present the findings of practical investigations following professional guidelines;</p> <p>C6- use academic literature, social media and computer networks for information retrieval and communication.</p>	<p><b>Teaching and learning methods</b></p> <p>Practical skills are developed throughout the programme by series of laboratory and field practicals, workshops and by a residential field course programme which include the use of interpretative exercises (C3) and the presentation of written reports (C5).</p> <p>They are also further developed by the provision of research methodology workshops for the Level 6 undergraduates.</p> <p>Throughout, the learner is expected to consolidate their development of practical computing skills by use of the computers available in the Learning Resources Centre and in the School GIS laboratory.</p>	<p><b>Assessment strategy</b></p> <p>C1, C2 and C3 are assessed through laboratory and field work. C4, C5 and C6 are assessed through field course reports, oral and poster presentations, interpretative exercises and project reports (some of which will include group work) and the final year research project which is on a topic relevant to the programme pathway.</p>
<p><b>Transferable skills</b></p> <p>D1. communicate effectively orally, in writing and through electronic media;</p> <p>D2. work effectively as a member of a team;</p> <p>D3. work independently and produce a reliable outcome;</p>	<p><b>Teaching and learning methods</b></p> <p>Transferable skills are developed through, for example, coursework reports, oral presentations and project reports (D1), through group project work (D2).</p> <p>Additionally, Sandwich students during their placement year will develop their transferable skills and maintain a record of evidence</p>	<p><b>Assessment strategy</b></p> <p>D1 to D8 are assessed through the coursework assignments and examinations at each level of the degree programme.</p> <p>Additionally, for the Sandwich award D1 to D8 are assessed by a</p>

<p>D4. meet set deadlines and effectively manage their time;</p> <p>D5. reflect on the process of learning and evaluate personal strengths and weaknesses;</p> <p>D6. demonstrate self-direction in undertaking research and applying knowledge and skills effectively;</p> <p>D7. Learn independently and effectively in preparation for lifelong learning.</p>	<p>by completing a skills portfolio, which is presented for assessment.</p>	<p>placement year portfolio where students reflect on the development of transferable skills gained during that year and GPS2 students are also required to submit a reflective work experience portfolio which includes a consideration of transferable skills acquisition.</p>
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## Environmental Management and Ecology Pathway

Knowledge and Understanding	Teaching and learning methods	Assessment strategy
<p>A1. the issues, science and philosophy that underpin environmental sustainability; social, environmental and economic factors of sustainable development.</p> <p>A2. the inter-relatedness and complexity of Earth's systems;</p> <p>A3. the complexity of abiotic and biotic interactions which influence the environment;</p> <p>A4. the impact of human activities on Earth's environment; natural resource management</p> <p>A5. the process of environmental monitoring and environmental impact assessment;</p> <p>A6. impacts of human waste products and pollution on the environment;</p> <p>A7. the role of legislation and policy in management of the environment;</p> <p>A8. environmental policies and management - the role of governments;</p>	<p>Acquisition of knowledge and understanding is through a combination of lectures, workshops, seminars, tutorials, on-line learning materials, laboratory work, problem-based learning, directed reading and guidance, feedback from assessment and practical field courses and visits (one day and residential) for each Level.</p> <p>Throughout, the learner is encouraged to undertake independent study both to supplement and consolidate what is being taught/learned and to broaden their individual knowledge and understanding of the subject.</p>	<p>A1 to A12 are assessed through a combination of unseen examinations, in-course assessments in the form of essay and laboratory assignments, map work, laboratory and field reports, poster production and seminar presentations (some of which will include group work) and the final year research project which is on a topic relevant to the programme pathway.</p>



<p>A9. the process of species evolution and the maintenance of biodiversity;</p> <p>A10. underpinning theories of ecology; structure and functioning of habitats and ecosystems; concept of niche;</p> <p>A11. the importance of conservation and management of natural habitats</p> <p>A12. the environmental and business benefits to be gained from improved environmental performance;</p>		
<u>Intellectual skills</u>	<u>Teaching and learning methods</u>	<u>Assessment strategy</u>
<p>B1. identify the appropriate investigative techniques for an environmental problem;</p> <p>B2. formulate and develop research to test hypotheses and paradigms;</p> <p>B3. critically evaluate evidence and deduce a logical outcome;</p> <p>B4. analyse numerical data using statistical techniques and GIS;</p> <p>B5. undertake methods of information retrieval from a range of sources;</p> <p>B6. assess the ethical implications and hazards of certain environmental investigations;</p> <p>B7. appraise and critically evaluate the quality of their own work and that of others.</p>	<p>Intellectual skills are developed throughout the programme by the methods and strategies outlined in section A, above. The practicals, workshops and tutorials will have specific topics to meet many of the intellectual skill requirements.</p> <p>Throughout, the learner is encouraged to further develop intellectual skills by independent study.</p>	<p>B1 to B7 are assessed through a combination of unseen examinations, in-course assessments in the form of essay and report assignments, laboratory, field reports and notebooks, poster production and seminar presentations (some of which will include group work) and the final year research project which is on a topic relevant to the programme pathway.</p>
<u>Practical skills</u>	<u>Teaching and learning methods</u>	<u>Assessment strategy</u>
<p>C1. work safely under laboratory and field conditions in accordance with health and safety, COSHH and ethics guidelines;</p> <p>C2. execute a practical investigation to test a hypothesis;</p>	<p>Practical skills are developed throughout the programme by a series of laboratory and field practicals, workshops and field courses, which include the use of interpretative exercises (C3) and the presentation of written laboratory reports (C5).</p>	<p>C1, C2 and C3 are assessed through laboratory and field work. C4, C5 and C6 are assessed through field course reports, oral and poster presentations, interpretative exercises and project reports (some of which will include group work) and the final year</p>

<p>C3. gather, record and interpret information derived from a research-based investigation;</p> <p>C4. undertake statistical analysis of numerical data by using the appropriate computer-based packages;</p> <p>C5. present the findings of a practical investigation following professional guidelines;</p> <p>C6. use computer networks for information retrieval and communication.</p>	<p>They are also further developed by the provision of research methodology workshops for the Level 6 undergraduates.</p> <p>Throughout, the learner is expected to consolidate their development of practical computing skills by use of the computers available in the Learning Resources Centre and in the School GIS laboratory.</p>	<p>research project which is on a topic relevant to the programme pathway.</p>
<p>Transferable skills - able to:</p>	<p>Teaching/learning methods &amp; strategies</p>	<p>Assessment</p>
<p>D1. Communicate effectively, both orally and in writing;</p> <p>D2. work effectively as a member of a team;</p> <p>D3. have confidence in themselves to work independently and produce a reliable outcome;</p> <p>D4. recognise the need to meet set deadlines;</p> <p>D5. effectively manage their time when working on simultaneous tasks;</p> <p>D6. reflect on the process of learning and evaluate personal strengths and weaknesses;</p> <p>D7. demonstrate self-direction and originality in undertaking research and applying knowledge and skills effectively;</p> <p>D8. learn independently and effectively in preparation for lifelong learning.</p>	<p>Transferable skills are developed through, for example, coursework reports, oral presentations and project reports (D1), through group project work (D2).</p> <p>Additionally, Sandwich students during their placement year will develop their transferable skills and maintain a record of evidence by completing a skills portfolio, which is presented for assessment.</p>	<p>D1 to D8 are assessed through the coursework assignments and examinations at each level of the degree programme.</p> <p>Additionally, for the Sandwich award D1 to D8 are assessed by a placement year portfolio where students reflect on the development of transferable skills gained during that year and GPS2 students are also required to submit a reflective work experience portfolio which includes a consideration of transferrable skills acquisition.</p>

#### D. Programme Structures, Features, Levels, Modules, and Credits

The programme is offered in full-time (3 years), Sandwich/Study Abroad/Year Abroad (4 years) and part-time modes (normally 6 years) and leads to the award of BSc (Hons) Geography, BSc (Hons) Human Geography, BSc (Hons) Physical Geography, or BSc (Hons) Environmental Management and Ecology. All titles are available with the addition of "(Sandwich)" or "Study Abroad" or "with a Year Abroad" depending upon the nature of additional study between the second and final year of the programme.

All named awards are differentiated by at least 45 credit points, with at least 30 credit points at level 6 including a pathway distinctive final year research project that focuses on a topic related to the named award (e.g. a student studying for the award of BSc (Hons) Human Geography would not be permitted to undertake a Physical Geography final year research project).

Entry is normally at Level 4 with 72-168 UCAS points being made up of at least two A-levels or equivalent, plus GCSEs in English Language and Maths at Grade C (or Grade 4 new system) or above (see section F for further details).

### Professional and Statutory Regulatory Bodies

Royal Geographical Society – All Geography pathways of this programme have been accredited by the Royal Geographical Society (with Institute of British Geographers). Accredited degree programmes contain a solid academic foundation in geographical knowledge and skills and prepare graduates to address the needs of the world beyond higher education. The accreditation criteria require evidence that graduates from accredited programmes meet defined sets of learning outcomes, including subject knowledge, technical ability and transferable skills.

Institution of Environmental Sciences (EME award only) - This programme is accredited by the Committee of Heads of Environmental Sciences (CHES), the education committee of the Institution of Environmental Sciences (IES). CHES is the collective voice of the environmental sciences academic community and serves to enhance the quality of environmental education worldwide. A programme accredited by CHES is assured to meet high standards, contain a strong component of practical, field and theoretical activities, and has excellent opportunities for training, work experience and links to the professional environmental sector. Students enrolled on CHES accredited programmes can apply for free Student Membership of the IES and for a fast-track route to membership once they graduate, starting you on a route towards becoming a Chartered Environmentalist or Chartered Scientist.

### Work-Based Learning, including Sandwich Programmes

A programme of study approved as leading to an award in the Sandwich mode must include at least 30 weeks of approved, supervised work experience in addition to the period required for the full-time award; further details are given in Section 2: 'Other information relevant to the programme'.

### Erasmus and other International Exchange programmes

Incoming international students are permitted to study the course at levels 4, 5 and 6.

### Programme Structure

The programme structure and progression information below (Table 1a and 1b) is provided for the Honours award. Any interim awards are identified in Table 1b. The Programme Learning Outcomes detailed above are developed and assessed through the constituent modules. Table 2 (in section 2) identifies where each learning outcome is assessed.

### Table 1a Outline Programme Structure

**Mode of study** Full time

**NB:** Part time students study modules marked \* in the first year at each level.

\*\* All optional modules are subject to sufficient demand in a given year

Entry point Semester A

### Level 4 BSc (Hons) GEOGRAPHY

	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
<b>Compulsory Modules Geography</b>							
<b>Module Title</b>							
Introduction to Field Research*	4LMS0010	15	English	0	100	0	A
The Earth System	4LMS0197	15	English	0	100	0	A
Geographical and Environmental Thought*	4LMS0198	15	English	0	100	0	A
Cultural and Historical Geography	4LMS0199	15	English	0	100	0	A
Dynamic Earth*	4LMS0183	15	English	0	100	0	B
Space, Place and Future Mobility	4LMS0200	15	English	0	100	0	B
Political and Economic Geography*	4LMS0201	15	English	0	100	0	B
Ecosystems and Environmental Change	4LFS0075	15	English	0	100	0	B
Essential Study Skills*	4LMS0202	0	English	0	P/F	0	AB

Progression to level 5 requires a minimum of 90 credits and a Pass in Essential Study Skills.

### Level 5 BSc (Hons) GEOGRAPHY

	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
<b>Compulsory Modules Geography</b>							
<b>Module Title</b>							
Research Design and Methods	5LMS0127	30	English	0	100	0	AB
People, Place and Movement*	5LMS0012	30	English	50	50	0	AB
Earth Surface Processes and Landforms*	5LMS0011	30	English	0	100	0	AB
Enhancing Employability*	5LMS0126	0	English	0	100	0	AB
<b>Optional Modules Geography**</b>							
<b>Module Titles</b>							
Digital Geography	5LMS0124	30	English	0	100	0	AB
Environment, Conservation and Food	5LMS0121	30	English	50	50	0	AB

Progression to level 6 requires a minimum of 120 credits at level 4 and 90 credits at level 5 and a Pass in Enhancing Employability.

## Level 6 BSc (Hons) GEOGRAPHY

	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
<b>Compulsory Modules Geography</b>							
<b>Module Title</b>							
Project	6LMS0172	30	English	0	100	0	AB
Urban Place Making*	6LMS0174	30	English	50	50	0	AB
Natural Hazards and Disaster Reduction*	6LMS0013	30	English	0	100	0	AB
<b>Optional Modules Geography</b>							
<b>Module Titles</b>							
Solving Environmental Problems**	6LFS1005	30	English	50	50	0	AB
Leisure, Tourism and Identity**	6LMS0171	30	English	0	100	0	AB
Digital Geography and Location Intelligence**	6LMS0177	30	English	0	100	0	AB
Glacial and Periglacial Systems	6LMS0176	30	English	0	100	0	AB
Placement	6LFS0032	0	English	0	100	0	ABC
Year Abroad	6LFS1008	0	Varies by location				ABC
Study Abroad	6LMS2001	0					A or B or C

\*\* Subject to demand.

The award of an Honours degree requires 360 credit points and must include the final year project.

## Level 4 BSc (Hons) HUMAN GEOGRAPHY

	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
<b>Compulsory Modules Human Geography</b>							
<b>Module Title</b>							
Introduction to Field Research*	4LMS0010	15	English	0	100	0	A
The Earth System	4LMS0197	15	English	0	100	0	A
Geographical and Environmental Thought*	4LMS0198	15	English	0	100	0	A
Cultural and Historical Geography	4LMS0199	15	English	0	100	0	A
Dynamic Earth*	4LMS0183	15	English	0	100	0	B
Space, Place and Future Mobility	4LMS0200	15	English	0	100	0	B
Political and Economic Geography*	4LMS0201	15	English	0	100	0	B
Ecosystems and Environmental Change	4LFS0075	15	English	0	100	0	B
Essential Study Skills*	4LMS0202	0	English	0	P/F	0	AB

Progression to level 5 requires a minimum of 90 credits and a Pass in Essential Study Skills.

## Level 5 BSc (Hons) HUMAN GEOGRAPHY

	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
<b>Compulsory Modules Human Geography</b>							
<b>Module Title</b>							
Research Design and Methods*	5LMS0127	30	English	0	100	0	AB
Geographies of Exclusion and Marginalisation	5LMS0123	30	English	0	100	0	AB
People, Place and Movement*	5LMS0012	30	English	50	50	0	AB
Enhancing Employability*	5LMS0126	0	English	0	100	0	AB
	Module Code	Credit Points	Language of Delivery	% examination	% coursework	% Practical	Semesters
<b>Optional Modules Human Geography**</b>							
<b>Module Titles</b>							
Environment, Conservation and Food	5LMS0121	30	English	50	50	0	AB
Digital Geography	5LMS0124	30	English	0	100	0	AB

Progression to level 6 requires a minimum of 120 credits at level 4 and 90 credits at level 5 and a Pass in Enhancing Employability.

## Level 6 BSc (Hons) HUMAN GEOGRAPHY

	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
<b>Compulsory Modules Human Geography</b>							
<b>Module Title</b>							
Project	6LMS0172	30	English	0	100	0	AB
Urban Place Making*	6LMS0174	30	English	50	50	0	AB
Geopolitics	6LMS0175	30	English	0	100	0	AB
	Module Code	Credit Points	Language of Delivery	% examination	% coursework	% Practical	Semesters
<b>Optional Modules Human Geography</b>							
<b>Module Titles</b>							
Solving Environmental Problems**	6LFS1005	30	English	50	50	0	AB
Leisure, Tourism and Lifestyle Geography**	6LMS0171	30	English	0	100	0	AB
Digital Geography and Location Intelligence**	6LMS0177	30	English	0	100	0	AB
Placement	6LFS0032	0	English	0	100	0	ABC
Year Abroad	6LFS1008	0	Varies by location				ABC
Study Abroad	6LMS2001	0					A or B or C

\*\* Subject to demand.

The award of an Honours degree requires 360 credit points and must include the final year project.

#### Level 4 BSc (Hons) PHYSICAL GEOGRAPHY

Compulsory Modules Physical Geography Module Title	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
Introduction to Field Research*	4LMS0010	15	English	0	100	0	A
The Earth System*	4LMS0197	15	English	0	100	0	A
Geographical and Environmental Thought*	4LMS0198	15	English	0	100	0	A
Cultural and Historical Geography	4LMS0199	15	English	0	100	0	A
Dynamic Earth*	4LMS0183	15	English	0	100	0	B
Space, Place and Future Mobility	4LMS0200	15	English	0	100	0	B
Political and Economic Geography*	4LMS0201	15	English	0	100	0	B
Ecosystems and Environmental Change	4LFS0075	15	English	0	100	0	B
Essential Study Skills*	4LMS0202	0	English	0	P/F	0	AB

Progression to level 5 requires a minimum of 90 credits and a Pass in Essential Study Skills.

#### Level 5 BSc (Hons) PHYSICAL GEOGRAPHY

Compulsory Modules Physical Geography Module Title	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
Research Design and Methods*	5LMS0127	30	English	0	100	0	AB
Earth Surface Processes and Landforms*	5LMS0011	30	English	0	100	0	AB
Catchment and Surface-Water Hydrology	5ENT1145	15	English	70	30	0	A
Quaternary Environmental Change	5LMS0148	15	English	0	100	0	B
Enhancing Employability*	5LMS0126	0	English	0	100	0	AB

Optional Modules Physical Geography** Module Titles	Module Code	Credit Points	Language of Delivery	% examination	% coursework	% Practical	Semesters
Environment, Conservation and Food	5LMS0121	30	English	50	50	0	AB
Digital Geography	5LMS0124	30	English	0	100	0	AB

Progression to level 6 requires a minimum of 120 credits at level 4 and 90 credits at level 5 and a Pass in Enhancing Employability.

## Level 6 BSc (Hons) PHYSICAL GEOGRAPHY

<b>Compulsory Modules Physical Geography</b> Module Title	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
Project	6LMS0172	30	English	0	100	0	AB
Glacial and Periglacial Systems*	6LMS0176	30	English	0	100	0	AB
Natural Hazards and Disaster Reduction*	6LMS0013	30	English	0	100	0	AB

<b>Optional Modules Physical Geography</b> Module Titles	Module Code	Credit Points	Language of Delivery	% examination	% coursework	% Practical	Semesters
Digital Geography and Location Intelligence**	6LMS0177	30	English	0	100	0	AB
Leisure, Tourism and Identity**	6LMS0171	30	English	0	100	0	AB
Solving Environmental Problems**	6LFS1005	30	English	50	50	0	AB
Placement	6LFS0032	0	English	0	100	0	ABC
Year Abroad	6LFS1008	0	Varies by location				ABC
Study Abroad	6LMS2001	0					A or B or C

\*\* Subject to demand

The award of an Honours degree requires 360 credit points and must include the final year project.

## Level 4 BSc (Hons) ENVIRONMENTAL MANAGEMENT AND ECOLOGY

<b>Compulsory Modules Environmental Management and Ecology</b> Module Title	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
Introduction to Field Research*	4LMS0010	15	English	0	100	0	A
The Earth System	4LMS0197	15	English	0	100	0	A
Geographical and Environmental Thought*	4LMS0198	15	English	0	100	0	A
Cultural and Historical Geography	4LMS0199	15	English	0	100	0	A
Dynamic Earth*	4LMS0183	15	English	0	100	0	B
Space, Place and Future Mobility	4LMS0200	15	English	0	100	0	B
Political and Economic Geography*	4LMS0201	15	English	0	100	0	B
Ecosystems and Environmental Change	4LFS0075	15	English	0	100	0	B
Essential Study Skills *	4LMS0202	0	English	0	P/F	0	AB

Progression to level 5 requires a minimum of 90 credits and a Pass in Essential Study Skills.



## Level 5 BSc (Hons) ENVIRONMENTAL MANAGEMENT AND ECOLOGY

<b>Compulsory Modules</b> <b>Environmental Management and Ecology</b> Module Title	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
Research Design and Methods	5LMS0127	30	English	0	100	0	AB
Environment, Conservation and Food*	5LMS0121	30	English	50	50	0	AB
Earth Surface Processes and Landforms	5LMS0011	30	English	0	100	0	AB
Enhancing Employability*	5LMS0126	0	English	0	100	0	AB
<b>Optional Modules**</b> <b>Environmental Management and Ecology</b> Module Titles	Module Code	Credit Points	Language of Delivery	% examination	% coursework	% Practical	Semesters
Geographies of Exclusion and Marginalisation	5LMS0123	30	English	0	100	0	AB
Digital Geography	5LMS0124	30	English	0	100	0	AB

Progression to level 6 requires a minimum of 120 credits at level 4 and 90 credits at level 5 plus the passing of Enhancing Employability.

## Level 6 BSc (Hons) ENVIRONMENTAL MANAGEMENT AND ECOLOGY

<b>Compulsory Modules</b> <b>Environmental Management and Ecology</b> Module Title	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
Project	6LMS0172	30	English	0	100	0	AB
Habitat Management and Conservation*	6LMS0173	30	English	50	50	0	AB
Natural Hazards and Disaster Reduction*	6LMS0013	30	English	0	100	0	AB
<b>Optional Modules</b> <b>Environmental Management and Ecology</b> Module Titles	Module Code	Credit Points	Language of Delivery	% examination	% coursework	% Practical	Semesters
Leisure, Tourism and Identity**	6LMS0171	30	English	0	100	0	AB
Digital Geography and Location Intelligence**	6LMS0177	30	English	0	100	0	AB
Solving Environmental Problems**	6LFS1005	30	English	50	50	0	AB
Placement	6LFS0032	0	English				ABC
Year Abroad	6LFS1008	0	Varies by location				ABC
Study Abroad	6LMS2001	0	Varies by location				A or B or C

\*\* Subject to demand

The award of an Honours degree requires 360 credit points and must include the final year project.

## Honours classification

The University has approved structure and assessment regulations common to all programmes. Full details are provided in [UPR AS14](#), Section D.

Table 1b Final and interim awards available

The programme provides the following final and interim awards:

Interim Award	Award Title	Minimum requirements	Available at end of Level	LOs achieved
University Certificate		45 credit points at level 4	4	See UPR AS11, section 13: <a href="http://sitem.herts.ac.uk/secreg/upr/AS11.htm">http://sitem.herts.ac.uk/secreg/upr/AS11.htm</a>
Certificate of Higher Education		120 credit points at level 4	4	See UPR AS11, section 13: <a href="http://sitem.herts.ac.uk/secreg/upr/AS11.htm">http://sitem.herts.ac.uk/secreg/upr/AS11.htm</a>
Diploma of Higher Education		240 credit points including at least 120 at level 5	5	See UPR AS11, section 13: <a href="http://sitem.herts.ac.uk/secreg/upr/AS11.htm">http://sitem.herts.ac.uk/secreg/upr/AS11.htm</a>
BSc	Geography	300 credit points including 180 at level 6/5 of which 60 must be at level 6	6	A1 -A6, A9, B1,B3-B6, B8, C1-C6, D1-D6
BSc	Physical Geography	300 credit points including 180 at level 6/5 of which 60 must be at level 6	6	A1 -A6, A11, B1,B3-B6, B8, B12, C1, C3-C6, D1-D6
BSc	Human Geography	300 credit points including 180 at level 6/5 of which 60 must be at level 6	6	A1 -A6, A10, B1,B4-B6, B10, C1, C3, C5-C6, D1-D6
BSc	Environmental Management and Ecology	300 credit points including 180 at level 6/5 of which 60 must be at level 6	6	A1 -A5, A7-A11, B1,B3-B7, C1, C4-C6, D1-D6

Final Award	Award Title	Minimum requirements	Available at end of Level	LOs achieved
BSc (Hons)	Geography	360 credit points including 240 at level 6/5 of which 120 must be at level 6	6	A1- A9, B1-B8, C1-C6, D1-D7
BSc (Hons)	Physical Geography	360 credit points including 240 at level 6/5 of which 120 must be at level 6	6	A1-A8, A11, B1-B6, B11-12, C1-C6, D1-D7
BSc (Hons)	Human Geography	360 credit points including 240 at level 6/5 of which 120 must be at level 6	6	A1-A8, A10, B1-B6, B9-B10, C1-C6, D1-D7
BSc (Hons)	Environmental Management and Ecology	360 credit points including 240 at level 6/5 of which 120 must be at level 6	6	A1--A12, B1-B7, C1-C6, D1-D8

## Programme-specific assessment regulations

The programme complies with the University's academic regulations (in particular, [UPR AS11](#), [UPR AS12](#) and [UPR AS14](#)) with the exception of those listed below, which have been approved by the University:

Course Code	Award Title	Modules (child instance codes & title)	Must be included in classification algorithm?
HHGE	BSc (Hons) Geography	6LMS	Yes
HHGE	BSc (Hons) Human Geography	6LMS	Yes
HHGE	BSc (Hons) Physical Geography	6LMS	Yes
HHGE	BSc (Hons) Environmental Management and Ecology	6LMS	Yes

Further programme-specific regulations (requiring School-level approval) are given below:

- A pass grade in the final year research project in a subject that is aligned to the pathway studied is required for an award of Honours.
- A pass grade for the Sandwich Placement Year is mandatory for the receipt of the named sandwich degree award.
- A pass grade for Study Abroad and the Year Abroad is mandatory for that named award.
- Students cannot progress into level 6 with less than 120 credit points at level 4 and 90 credit points at level 5, making a total of 210 credit points.
- Students are not allowed to take the final year project 6LFS0031 until they have accumulated 240 credits from levels 4 and 5 combined.
- Students need to be aware that if they are required to re-enrol on modules, they may not be able to

complete their programme in the scheduled time.

- Students must successfully complete Essential Study Skills to progress to Level 5.
- Students must successfully complete Enhancing Employability to progress to Level 6.
- Attendance at workshops, practicals and field visits is compulsory. A five-percentage point mark is normally deducted from the relevant final coursework mark for every missed compulsory session.
- A student at levels 4 and 5 is normally only eligible for referred coursework and exams if attendance at lectures has been at or above 75% of the lecture sessions provided. If this attendance requirement has not been met a student may be required to re-enrol on the module without being granted a referral.
- Students will normally elect a mode of study (3-year programme, Year Abroad, Sandwich) on initial enrolment at UH. However, it will be possible to change programme prior to commencement of the second year. Geography, Human Geography and Physical Geography students may change to Environmental Management and Ecology prior to the commencement of the second year and vice versa.
- Satisfactory completion of the Sandwich placement is mandatory for a Sandwich award; however, the assessment has a credit point rating of zero and will not contribute to the honours classification.
- Sandwich students must normally satisfactorily complete all requirements for progression to the level 6 honours programme before commencing a placement and the placement must be arranged and approved by the Placement Tutor before the student is permitted to progress to the Sandwich year.
- Students deemed to have failed or withdrawn from the Sandwich year will normally be required to complete satisfactorily a further 30 weeks of work experience (or a proportion of this period depending on circumstances, at the discretion of the Board of Examiners) to be eligible for a Sandwich award. Alternatively, providing appropriate Level 5 requirements have been met, the Programme Board of Examiners may allow the student to continue to Level 6 to study for a non-Sandwich award.
- Success in the Study Abroad or Year Abroad will be recognised in the title of award but does not carry additional credit towards the Honours programme.
- All assessments taken during the Study Abroad or Year Abroad must be completed by the end of the period of stay, with no subsequent referrals permitted.
- Students must confirm their intention to study abroad or complete a year abroad during the first term of study at Level 5. Only a limited number of places exist, and they will be made available on a competitive basis.
- For a student to be eligible to proceed to a Study Abroad or a Year Abroad, he or she **must**, by the time of the Semester B Programme Board of Examiners, have achieved 240 credits.
- Where a module is assessed by examination and coursework elements, a pass grade is normally required in both elements of assessment to pass overall. Intramodular compensation may be applied by the Board of Examiners where a student attains an overall module average of at least 40%, where one element of assessment is below 40%. The minimum percentage required for individual elements is specified in the relevant Definitive Module Documents.
- As specified by the Institution for Environmental Sciences, a student must have studied exclusively on the BSc (Hons) Environmental Management and Ecology pathway at levels 5 and 6 for the degree to be accredited by the Institution for Environmental Sciences.
- As specified by the Royal Geographical Society, a student must have studied on any one of the 3 pathways with Geography in the title for the degree to be accredited by the Royal Geographical Society. If students wish to complete a degree that is accredited by the Royal geographical Society, they cannot transfer onto Environmental Management and Ecology at any stage in level 5 and 6.

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## E. Management of Programme & Support for student learning.

### Management

The programme is managed and administered through:

- Dean of School
- Associate Dean of School (Academic Quality Assurance)
- Head of Department and Head of Subject Group to manage and allocate resources;
- Department Academic Quality Lead who has overall responsibility for undergraduate programmes in the Department of Life and Environmental Sciences;
- A Programme Leader who is responsible for managing and monitoring the Programme and progression of students on the programme;
- Three Level Tutors who are responsible for the day-to-day programme management;
- Placement and Year Abroad Tutors.
- An Admissions Tutor who is responsible for admissions;

- A Programme Administrator to deal with day-to-day administration associated with the programme;
- Module Co-ordinators who are responsible for the development, delivery and assessment of individual modules;
- A School Learning Information Services Consultant to provide advice on learning resources.

Membership of the Programme Committee comprises:

- Programme Leader and Level Tutors
- Module Co-ordinators;
- Departmental Academic Quality Lead
- Programme Administrator;
- School Learning Information Services Consultant;
- Student representatives.

## Support

Students are supported by:

- An extensive Learning Resources Centre, incorporating a library and computer centre and providing a wide range of on-line resources including full text electronic journals and dedicated study rooms;
- A School GIS computer laboratory providing comprehensive IT and technical support for computer work, especially remote sensing and GIS applications;
- A physical geography teaching laboratory equipped with microscopes and an extensive geological map collection;
- A geosciences laboratory for the analysis of sediment and 'soft' rock samples;
- The Bayfordbury field station, providing essential laboratory, analytical and field support for the teaching programme;
- A programme of residential field courses to provide practical experience;
- An induction week at the beginning of each new academic session;
- A Programme Handbook explaining the structure and regulations for the programmes, and assessment criteria;
- On-line learning materials and support for the modules provided through the University's managed learning environment – CANVAS/StudyNet - a university-wide set of systems and tools for educational delivery;
- Extensive study skills support through CANVAS/StudyNet web pages;
- Further specialized handbooks, for example, The Sandwich Placement/Sandwich Training Guide, Research Project Guide;
- Comprehensive Module Guides providing module information, outline content, timetable, core reading list, assessment guidelines and deadlines;
- Feedback on assessed assignments;
- A Programme Leader to guide students through the programme and module structures;
- A Level Tutor for day-to-day programme management;
- Personal Tutors to provide academic and pastoral support;
- Student representatives on the Programme Committee;
- A Placements and Year Abroad Tutor;
- A substantial Student Centre that provides advice on issues such as finance, University regulations, legal matters;
- A Counselling Service and Medical Centre;
- A Chaplaincy Centre;
- An Accommodation Office;
- An Overseas Students Centre;
- A Mathematics Drop-in Centre;
- English language support;
- An Equal Opportunities Officer;
- The Student's Union;
- Careers, Enterprise and Placement Service;
- UNO Bus Company.

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## F. Other sources of information

In addition to this Programme Specification, the University publishes guidance to registered students on the programme and its constituent modules:

- A Programme (or Student) Handbook;
- A Definitive Module Document (DMD) for each constituent module;
- A Module Guide for each constituent module.

The [Ask Herts](#) website provides information on a wide range of resources and services available at the University of Hertfordshire including academic support, accommodation, fees, funding, visas, wellbeing services and student societies.

As a condition of registration, all students of the University of Hertfordshire are required to comply with the University's rules, regulations and procedures. These are published in a series of documents called 'University Policies and Regulations' (UPRs). The University requires that all students consult these documents which are available on-line, on the UPR web site, at: <http://www.herts.ac.uk/secreg/upr/>. In particular, [UPR SA07](#) 'Regulations and Advice for Students' Particular Attention - Index' provides information on the UPRs that contain the academic regulations of particular relevance for undergraduate and taught postgraduate students.

The UK Quality Assurance Agency for Higher Education (QAA) has confirmed the quality and standards of provision at the University of Hertfordshire. A key part of QAA's role is to review and report on how universities maintain their academic standards and quality, to inform students and the wider public. The team of QAA reviewers visited the University of Hertfordshire in 2015/16 and judged that its academic standards, the quality and enhancement of its students' learning experience, and the quality of information about this learning experience all meet UK expectations. In other words, the University meets national requirements for standards and quality. The QAA's report can be accessed at: <http://www.qaa.ac.uk/reviews-and-reports/provider?UKPRN=10007147#.V-KHajXy0nE>

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## G. Entry requirements

Entry is normally at level 4 (with 'A'-level or equivalent qualifications). Intake is normally semester A (September).

The normal entry requirements for the programme are:

1. 72-168 UCAS points from a minimum of two A-levels (or equivalent). All other tariff points will be counted;

OR

2 IB – 72-168 points with a minimum of 2 HL subjects at grade 4 or above (with the remaining points to come from a combination of HL, SL and Core).

Plus GCSE - English Language and Mathematics at grade 4 or above (grade C under the old grading structure).

We also accept the Access to HE Diploma – Science. Our standard Access offer is an overall merit profile in 45 Credits at Level 3.

In addition, GCSE English language at grade 4 or above, or a minimum IELTS score of 6.5 overall and a minimum of 6 in each band is required for those for whom English is not their first language.

The programme is subject to the University's Principles, Policies and Regulations for the Admission of Students to Undergraduate and Taught Postgraduate Programmes (in [UPR SA03](#)), along with associated procedures. These will take account of University policy and guidelines for assessing accredited prior certificated learning (APCL) and accredited prior experiential learning (APEL).

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If you would like this information in an alternative format, please contact:  
[ask@herts.ac.uk](mailto:ask@herts.ac.uk)

If you wish to receive a copy of the latest Programme Annual Monitoring and Evaluation Report (AMER) and/or the External Examiner's Report for the programme, please email a request to [aqo@herts.ac.uk](mailto:aqo@herts.ac.uk)

## BSc (Hons) Geography

**Table 2: Development of Intended Programme Learning Outcomes in the Constituent Modules**

This map identifies where the programme learning outcomes are assessed in the constituent modules. It provides (i) an aid to academic staff in understanding how individual modules contribute to the programme aims (ii) a checklist for quality control purposes and (iii) a means to help students monitor their own learning, personal and professional development as the programme progresses.

Module Title	Module Code	Knowledge & Understanding									Intellectual skills								Practical Skills						Transferable Skills						
		A1	A2	A3	A4	A5	A6	A7	A8	A9	B1	B2	B3	B4	B5	B6	B7	B8	C1	C2	C3	C4	C5	C6	D1	D2	D3	D4	D5	D6	D7
The Earth System	4LMS0197																														
Introduction to Field Research*	4LMS0010																														
Essential Study Skills	4LMS0202																														
Ecosystems and Environmental Change	4LFS0075																														
Political and Economic Geography*	4LMS0201																														
Cultural and Historical Geography	4LMS0199																														
Dynamic Earth*	4LFS1024																														
Space, Place and Future Mobility	4LMS0201																														
Geographical and Environmental Thought*	4LMS0198																														
People, Place and Movement	5LMS0012																														
Digital Geography	5LMS0124																														
Research Design and Methods*	5LMS0127																														
Environment, Conservation and Food	5LMS0121																														
Earth Surface Processes and Landforms	5LMS0011																														
Enhancing employability	5LMS0126																														
Leisure, Tourism and Identity	6LMS0171																														
Digital Geography and Location Intelligence	6LMS0177																														
Natural Hazards & Disaster Reduction	6LMS0013																														
Solving Environmental Problems	6LFS1005																														
Project*	6LMS0172																														
Urban Place Making	6LMS0174																														
Glaciology and Periglacial systems	6LMS0011																														



**BSc (Hons) Human Geography**

**Table 2: Development of Intended Programme Learning Outcomes in the Constituent Modules**

This map identifies where the programme learning outcomes are assessed in the constituent modules. It provides (i) an aid to academic staff in understanding how individual modules contribute to the programme aims (ii) a checklist for quality control purposes and (iii) a means to help students monitor their own learning, personal and professional development as the programme progresses.

Module Title	Module Code	Knowledge & understanding										Intellectual Skills										Practical Skill						Transferable Skills						
		A1	A2	A3	A4	A5	A6	A7	A8	A10	B1	B2	B3	B4	B5	B6	B9	B10	C1	C2	C3	C4	C5	C6	D1	D2	D3	D4	D5	D6	D7			
The Earth System	4LMS0197																																	
Introduction to Field Research*	4LMS0010																																	
Essential Study Skills	4LMS0202																																	
Ecosystems and Environmental Change	4LFS0075																																	
Political and Economic Geography*	4LMS0201																																	
Cultural and Historical Geography	4LMS0199																																	
Dynamic Earth*	4LMS0183																																	
Space, Place and Future Mobilities	4LMS0200																																	
Geographical and Environmental Thought*	4LMS0198																																	
People, Place and Movement	5LMS0012																																	
Digital Geography	5LMS0124																																	
Research design and Methods*	5LMS0127																																	
Environment, Conservation and food	5LMS0121																																	
Enhancing Employability	5LMS0126																																	
Geography of exclusion and marginalisation	5LMS0123																																	
Geopolitics:	6LMS0175																																	
Leisure, Tourism and Identity	6LMS0171																																	
Digital Geography and Location Intelligence	6LMS0177																																	
Project*	6LMS0172																																	
Urban Place Making	6LMS0174																																	

**BSc (Hons) Physical Geography**

**Table 2: Development of Intended Programme Learning Outcomes in the Constituent Modules**

This map identifies where the programme learning outcomes are assessed in the constituent modules. It provides (i) an aid to academic staff in understanding how individual modules contribute to the programme aims (ii) a checklist for quality control purposes and (iii) a means to help students monitor their own learning, personal and professional development as the programme progresses.

Module Title	Module Code	Knowledge & Understanding										Intellectual Skills								Practical Skills						Transferable Skills						
		A1	A2	A3	A4	A5	A6	A7	A8	A11	B1	B2	B3	B4	B5	B6	B11	B12	C1	C2	C3	C4	C5	C6	D1	D2	D3	D4	D5	D6	D7	
The Earth System	4LMS0197																															
Introduction to Field Research*	4LMS0010																															
Essential Study Skills	4LMS0202																															
Ecosystems and Environmental Change	4LFS0075																															
Political and Economic Geography*	4LMS0201																															
Cultural and historical geography	4LMS0199																															
Dynamic Earth*	4LMS0183																															
Space, Place and Future Mobility	4LMS0200																															
Geographical and Environmental Thought*	4LMS0198																															
Digital Geography	5LMS0124	☐																														
Research Design and Methods*	5LMS0127		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Environment, Conservation and food	5LMS0121																															
Earth Surface Processes and Landforms	5LMS0011																															
Enhancing employability	5LMS0126																															
Catchment and Surface-Water Hydrology	5ENT1145																															
Quaternary Environmental Change	5LMS0122																															
Glaciology and Periglacial systems	6LMS0011																															
Digital Geography and Location Intelligence	6LMS0177																															
Natural Hazards & Disaster Reduction	6LMS0013																															
Project*	6LMS0172																															
Solving Environmental Problems	6LFS1005																															
Leisure, Tourism and Identity	6LMS0171																															

## KEY TO PROGRAMME LEARNING OUTCOMES – Geography Pathways

### Knowledge and Understanding

- A1. The significance of spatial relationships as influences upon physical and human environments
- A2. The diversity and interdependence of places and processes at various spatial and temporal scales
- A3. The nature of change within, and inter-relationships between the physical and human environments
- A4. Contemporary and historical issues within human and physical geography
  
- A5. The science and philosophy that underpin geography
- A6. Theories and concepts in different geographical situations
- A7. The diversity of geographical approaches derived from the epistemologies of the humanities, social and natural sciences
- A8. Research methodologies and techniques in geographical data collection, analysis and presentation
- A9. Approaches to problem-solving within a geographical context
- A10. The diversity of specialist techniques and approaches in geographical data analysis (e.g. GIS, laboratory work, qualitative analysis)
- A11. The presentation of geographical data (e.g. GIS, cartography, webpages, etc.)
- A12. The epistemology and ontology of human geographic thought, practice and application
- A13. The physical environment, systems and processes in a range of contexts and environments
- A14. Environmental policy and governance and sustainable environmental management within the context of planning

### Intellectual Skills

- B1. Identify the appropriate investigative techniques for a geographical problem
- B2. Formulate and develop research to test hypotheses and paradigms
- B3. Critically evaluate evidence and using the appropriate concepts deduce a logical outcome
- B4. Analyse numerical data based on recognised statistical concepts
- B5. Undertake methods of information retrieval from a range of sources

### Practical Skills

- C1. Work safely under laboratory and field conditions (in accordance with health, safety and ethics guidelines)
- C2. Execute practical investigations to test a hypothesis
- C3. Plan, record, analyse and interpret information derived from investigations
- C4. Undertake statistical analysis of numerical data by using the appropriate computer-based packages
- C5. Present the findings of practical investigations in a fully referenced, logical and presentable form
- C6. Use academic literature and computer networks for information retrieval and communication

### Transferable Skills

- D1. Communicate effectively orally, in writing and through electronic media
- D2. Work effectively as a member of a team
- D3. Work independently and produce a reliable outcome
- D4. Meet set deadlines
- D5. Effectively manage their time

**BSc (Hons) Environmental Management and Ecology**

**Table 2: Development of Intended Programme Learning Outcomes in the Constituent Modules**

This map identifies where the programme learning outcomes are assessed in the constituent modules. It provides (i) an aid to academic staff in understanding how individual modules contribute to the programme aims (ii) a checklist for quality control purposes and (iii) a means to help students monitor their own learning, personal and professional development as the programme progresses.

Module Title	Module Code	Knowledge & Understanding												Intellectual Skills							Practical Skills						Transferable Skills							
		A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	C5	C6	D1	D2	D3	D4	D5	D6	D7	D8
The Earth System	4LMS0197																																	
Introduction to Field Research*	4LMS0010																																	
Essential Study Skills	4LMS0202																																	
Ecosystems and Environmental Change	4LFS0075																																	
Political and Economic Geography*	4LMS0201																																	
Cultural and Historical Geography	4LMS0199																																	
Dynamic Earth*	4LMS0183																																	
Space, Place and future Mobilities	4LMS0200																																	
Geographical and Environmental Thought*	4LMS0198																																	
Digital Geography	5LMS0124																																	
Research Design and Methods*	5LMS0127																																	
Environment, Conservation and Food	5LMS0121																																	
Enhancing employability	5LMS0126																																	
Geography of exclusion and marginalisation	5LMS0123																																	
Earth Surface Processes and Landforms	5LMS0011																																	
Leisure, Tourism and Identity	6LMS0171																																	
Digital Geography and Location Intelligence	6LMS0177																																	
Project	6LMS0172																																	
Solving Environmental Problems	6LFS1005																																	
Habitat Monitoring and Conservation	6LMS0173																																	
Natural Hazards & Disaster Reduction	6LMS0013																																	

## KEY TO PROGRAMME LEARNING OUTCOMES – Environmental Management and Ecology Pathway

### Knowledge and Understanding

- A1. The issues, science and philosophy that underpin sustainability; social, environmental and economic factors of sustainable development
- A2. The inter-relatedness and complexity of Earth's systems
- A3. The complexity of abiotic and biotic interactions which influence the environment
- A4. The impact of human activities on Earth's environment; natural resource management
- A5. The process of environmental monitoring and environmental impact assessment
- A6. Impacts of human waste products and pollution on the environment
- A7. The role of legislation and policy in management of the environment
- A8. Environmental policies and management - the role of governments
- A9. The process of species evolution and the maintenance of biodiversity
- A10. Underpinning theories of ecology; structure and functioning of habitats and ecosystems, concept of niche
- A11. The importance of conservation and management of natural habitats
- A12. The environmental and business benefits to be gained from improved environmental performance
- A13 Agro-ecosystems, crop protection, farm management and practice

### Intellectual Skills

- B1. Identify the appropriate investigative techniques for an environmental problem
- B2. Formulate and develop research to test hypotheses and paradigms
- B3. Critically evaluate evidence and deduce a logical outcome
- B4. Analyse numerical data based on recognised statistical concepts
- B5. Undertake methods of information retrieval from a range of sources
- B6. Assess the ethical implications and hazards of certain environmental investigations
- B7. Appraise and critically evaluate the quality of their own work and that of others
- B8 – synthesise and apply theories and concepts of agro-ecosystems, farm management, and crop protection to practice

### Practical Skills

- C1. Work safely under laboratory and field conditions (in accordance with health, safety and ethics guidelines)
- C2. Execute a practical investigation to test a hypothesis
- C3. Gather, record and interpret information derived from a research-based investigation
- C4. Undertake statistical analysis of numerical data by using the appropriate computer-based packages
- C5. Present the findings of a practical investigation in a fully referenced, logical and presentable form
- C6. Use computer networks for information retrieval and communication

### Transferable Skills

- D1. Communicate effectively, both orally and in writing
- D2. Work effectively as a member of a team
- D3. Have confidence in themselves to work independently and produce a reliable outcome
- D4. Recognise the need to meet set deadlines
- D5. Effectively manage their time when working on simultaneous tasks
- D6. Reflect on the process of learning and evaluate personal strengths and weaknesses
- D7. Demonstrate self-direction and originality in undertaking research and applying knowledge and skills effectively
- D8. Learn independently and effectively in preparation for lifelong learning

## Section 2

### Programme management

**Relevant QAA subject benchmarking statements**

**Type of programme**

**Date of validation/last periodic review**

**Date of production/ last revision of PS**

**Relevant to level/cohort**

**Administrative School**

Geography, Earth Sciences, Environmental Sciences and Environmental Studies

Undergraduate

November 18

March 2021

Level 4 entering September 2021

School of Life and Medical Sciences

Table 3 Course structure

Course details		
Course code	Course description	HECOS
HHGEG	BSc (Hons) Geography;	100409
HHGEH	BSc (Hons) Human Geography;	100409
HHGEP	BSc (Hons) Physical Geography;	100409
HHGEME	BSc (Hons) Environmental Management and Ecology	100347 (25%); 100381 (75%)