

**BSc Geography and Economics (Regional Science)
For students entering Part 1 in 2014/5**

UCAS code: LL17

Awarding Institution:	University of Reading
Teaching Institution:	University of Reading
Relevant QAA subject Benchmarking group(s):	Geography, Economics
Faculty:	Science Faculty
Programme length:	3 years
Date of specification:	10/Sep/2014
Programme Director:	Dr Hazel McGoff
Programme Advisor:	Dr Simon Burke
Board of Studies:	Geography and Environmental Science
Accreditation:	None

Summary of programme aims

The programme aims to provide undergraduate students with both subject-specific knowledge (in the two disciplines involved) and general skills. It aims:

- To give students theoretically informed and empirically contextualised insights into the importance of a geographic perspective on human processes, including the interaction of processes operating at global, regional and local scales;
- To develop an understanding of the working of economic processes of production and exchange and its applicability to a wide range of different situations;
- To impart knowledge of the theory and practice of both economics and human geography, together with an ability to integrate their perspectives;
- To encourage students to make appropriate use of theories and research findings from the social sciences in understanding spatial phenomena
- To develop students' skills in applying theoretical concepts, knowledge and philosophies to the understanding of particular environments, spatial differences and to decision-making
- To develop students' understanding of the interaction between various types of social and economic processes in urban, regional and international systems.

The programme aims to produce graduates with subject-specific skills and knowledge in both Economics and Geography with a particular emphasis on understanding issues of urban and regional development. An important feature of the degree is its emphasis on the critical comparison and integration of material and perspectives from the two disciplines.

Transferable skills

During the course of their studies at Reading, all students will be expected to enhance their academic and personal transferable skills. In following this programme, students will have had the opportunity to develop such skills, in particular relating to communication, interpersonal skills, learning skills, numeracy, self management, use of IT and problem-solving, and will have been encouraged to further develop and enhance the full set of skills through a variety of opportunities available outside their curriculum.

By the end of the programme students should also have acquired: critical and analytical skills; a basic competence in empirical research; an ability to place issues in a wider context, to make connections between apparently disparate events and issues, and to handle alternative ways of understanding particular situations; an ability to relate theoretical knowledge and ideas to practical real-world situations; writing, reasoning, verbal and presentation skills, and specific technical skills, such as computing, word-processing and statistics.

Programme content

The profile which follows states which modules are compulsory, together with lists of optional modules from which the student must make a selection in consultation with their programme adviser. Students must take a combination of compulsory and optional modules making a total of 120 credits in each Part of the programme. The number of credits for each module is shown after its title.

In Part 1 students may take all their modules in Geography and Economics or opt to take 20 credits from modules in other departments. In Part 2 students take a combination of core compulsory and optional modules. Part 3 students write a dissertation (40 credits) and select from a list of modules that are approved each year. The final list of modules available may vary from year to year according to staffing.

Part 1 (three terms)

Compulsory modules

Compulsory modules (you must take 100 credits)

<i>Code</i>	<i>Module title</i>	<i>Credits</i>	<i>Level</i>
EC113	Introductory Microeconomics	20	4
EC114	Introductory Macroeconomics	20	4
EC115	Introductory Quantitative Techniques in Economics and Business	10	4
EC116	Introductory Mathematics for Economics 1	10	4
GV1FHG	Foundation in Human Geography	20	4
GV1HPP	Human Geography: Principles and Practice	20	4

Optional modules (students must take 20 credits from the following list):

<i>Code</i>	<i>Title</i>	<i>Credits</i>	<i>Level</i>
GV1TGE	Techniques in Geography and Environmental Science	20	4
EC107	Introduction to Economic Institutions and Policy	10	4
EC110	The Economics of Climate Change	10	4
EC111	Economic Policy and Social Problems	10	4
EC118	Economy, Politics and Culture in the Roman World	10	4
EC119	Economy, Politics and Culture from the Fall of Rome to the Rise of Feudalism	10	4
EC120	Intoductory Quantitative Methods in Economics and Business 2 and Study Skills	10	4
EC121	Introductory Mathematics for Economics 2	10	4

Students should note that they would normally be required to have completed module GV1TGE to be eligible for transfer to the degree of BSc Geography (Human) at Part2, or modules EC101 and EC121 in order to be eligible for transfer to the degrees of BSc Economics or BSc Business Economics at Part 2 or select the optional module EC204 Introductory Econometrics at Part 2.

Students should note that they would normally be required to have completed module GV1TGE to be eligible for transfer to the degree of BSc Geography (Human) at Part 2, or modules EC120 and EC121 in order to be eligible for transfer to the degrees of BSc Economics or BSc Business Economics at Part 2 or select the optional module EC204 Introductory Econometrics at Part 2.

Part 2 (three terms)

Compulsory modules

<i>Code</i>	<i>Module title</i>	<i>Credits</i>	<i>Level</i>
GV2CDS	Career Development Skills	10	5
EC201	Intermediate Microeconomics	20	5
EC202	Intermediate Macroeconomics	20	5

And either

GV2FH	Human Geography Field Class	20	5
<i>Or</i>			
GV2FC	Crete Field Class	20	5
<i>Or</i>			
GV2FC2	Crete September Field Class	20	5

Optional Modules (must total 20 credits)

GV2CIP	Culture, Identity and Place	10	5
GV2GRO	Growth, Degrowth and Sustainability	10	5
GV2H1	Geographies of Development	10	5
GV2ER	Energy Resources	10	5
GV2SDA	Spatial Data in the Digital Age	10	5

Students must select 20 credits from the following list of Economics options:

EC204	Introductory Econometrics	20	5
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EC208	Business Economics	20	5
EC238	Economics of Social Policy	20	5
EC242	Economics of the Environment and Energy	20	5
EC243	Economic History	20	5

Note students may only choose EC204 if they have taken and passed both EC120 and EC121 at Part 1.

Year abroad/Year away/Additional year (three terms)

Compulsory modules

Compulsory modules (you must take all 50 credits)

GV2CDS	Careers / Placements Module	10	5
EC219	Economic Analysis	20	5

And either

GV2FH	Human Geography Field Class	20	5
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Or

GV2FC	Crete June Field Class	20	5
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Or

GV2FC2	Crete September Field Class	20	5
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Core modules (you must choose 40 credits)

EC242	Economics of the Environment and Energy	20	
EC243	Economic History	20	
EC238	Economics of Social Policy	20	

Either

EC203	Introductory Econometrics (for students who took EC108)	20	
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Or

EC225	Introductory Econometrics (for students who took EC109)	20	
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Optional modules (must total 30 credits)

GV2CIP	Culture, Identity and Place	10	5
GV2GRO	Growth, Degrowth and Sustainability	10	5
GV2HI	Geographies of Development	10	5
GV2ER	Energy Resources	10	5
GV2WP	Web Page Development	10	5
GG2GIS	GIS and Digital Cartography	10	5

Part 3 (three terms)

Compulsory modules

<i>Code</i>	<i>Module title</i>	<i>Credits</i>	<i>Level</i>
GV3GED	Geography and Environmental Science	40	6
EC324	European Urban and Regional Economics	20	6

Optional Modules:

Students must take 40 optional module credits in Geography and 20 optional module credits in Economics, unless they are participating in the Erasmus Exchange Programme.

Students who are participating in the Erasmus Exchange Programme must take *either* GV3ER1 and GV3ER3 *or* GV3ER2 and GV3ER4 *and* 20 optional module credits in Geography. Students who are participating in the Erasmus Exchange Programme take zero optional module credits in Economics.

Please note that not all modules may be running in all years.

Optional modules in Geography: Students must take 40 credits from the following list:

GV321	Work, Employment and Development	20	6
GV362	Water Resources	20	6

GV3CGS	Consumption, Globalisation and Sustainability	20	6
GV3CPJ	International Climate Politics and Justice	20	6
GV3GCY	Geographies of Children and Youth	20	6
GV3NRR	Neighbourhood Renewal and Regeneration	20	6
GV3RSD	Resilience for Sustainable Development	20	6
GV3SET	Socio-Ecological Transformations: Theories and Case Studies	20	6
GV3ER1	ERASMUS Exchange Programme	20	6
GV3ER2	ERASMUS Exchange Programme	20	6

Students must select 20 credits from the following list of Economics options unless they are participating in the Erasmus Exchange Programme.

EC311	International Economics	20	6
EC314	Public Economics	20	6
EC315	History of Economic Thought	20	6
EC316	European Economic Integration	20	6
EC320	Money and Banking	20	6
EC328	Economics of Land Development and Planning	20	6
EC337	Processes of Long Term Political and Economic Change	20	6
EC339	Microeconomics for Developing Countries	20	6
EC342	Macroeconomics for Developing Countries	20	6
EC343	Behavioural Economics	20	6
EC344	Banking in Emerging Economies	20	6
EC345	Business and Management in Emerging Economies	20	6
EC347	Industrial Organisation	20	6
EC348	Business History	20	6
GV3ER3	Erasmus Exchange Programme	20	6
GV3ER4	Erasmus Exchange Programme	20	6

Note that not all modules may be running in all years.

Part 4 (three terms)

Compulsory modules

Compulsory modules (you must take all 80 credits)

GV3D	Dissertation	40	6
GV375	Case Studies in Regional Science	20	6
EC324	European Urban and Regional Economics	20	6

Optional modules (must total 40 credits)

GV321	Work, Employment and Development	20	6
GV3RSD	Resilience for Sustainable Development	20	6
GV3NRR	Neighbourhood Renewal and Regeneration	20	6
GV344	Culture and Development in Africa	20	6
GV362	Water Resources	20	6
EC308	Business Economics	20	6
EC311	International Economics	20	6
EC312	Economics of Development	20	6
EC314	Public Economics	20	6
EC315	History of Economic Thought	20	6
EC316	European Economic Integration	20	6
EC320	Money and Banking	20	6
EC322	Economics of Labour	20	6
EC328	Economics of Land, Development and Planning	20	6
EC334	Environmental Economics	20	6
GV3ER1	ERASMUS Exchange Programme	20	6
GV3ER2	ERASMUS Exchange Programme	20	6
GV3ER3	ERASMUS Exchange Programme	20	6
GV3ER4	ERASMUS Exchange Programme	20	6

Progression requirements

In order to progress from Part 1 to Part 2, students shall normally be required to achieve a threshold performance at Part 1.

To be considered to have achieved a threshold performance at Part 1 a student shall normally be required to achieve:

1. An overall average of 40% over 120 credits taken in Part 1, where all the credits are at Level 4 or above; and
2. A mark of at least 30% in individual modules amounting to not less than 100 credits taken in Part 1.

In order to progress from Part 2 to Part 3, a student must achieve a threshold performance at Part 2.

To be considered to have achieved a threshold performance at Part 2 a student shall normally be required to achieve:

1. A weighted average of 40% over 120 credits taken at Part 2; and
2. Marks of at least 40% in individual modules amounting to not less than 80 credits; and
3. Marks of at least 30% in individual modules amounting to not less than 120 credits.

Assessment and classification

The University's honours classification scheme is:

<i>Mark</i>	<i>Interpretation</i>
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

For the University-wide framework for classification, which includes details of the classification method, please see: www.reading.ac.uk/internal/exams/Policies/extra-class.aspx.

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

Teaching is organised in modules which typically involve both lectures and either tutorials/seminars or practicals. Modules are assessed by a mixture of coursework and formal examination. The Part 3 dissertation is run as a series of tutorials with an individual supervisor, and is assessed only as coursework.

Admission requirements

Entrants to this programme are normally required to have obtained:

Grade C or better in English Language and Mathematics (B preferred in Maths) GCSE (or equivalent qualification); and achieved

ABB from three A Levels including Geography

Three Higher Level International Baccalaureate scores of: 32 points including 5 in Geography (or an equivalent score in an equivalent qualification)

Admissions Tutor: Dr G Griffiths

Support for students and their learning

University support for students and their learning falls into two categories. Learning support is provided by a wide array of services across the University, including: the University Library, the Careers, Placement and Experience Centre (CPEC), In-session English Support Programme, the Study Advice and Mathematics Support Centre teams, IT Services and the Student Access to Independent Learning (S@il) computer-based teaching and learning facilities. There are language laboratory facilities both for those students studying on a language degree and for those taking modules offered by the Institution-wide Language Programme. Student guidance and welfare support is provided by Personal Tutors, School Senior Tutors, the Students' Union, the

Medical Practice and advisers in the Student Services Centre. The Student Services Centre is housed in the Carrington Building and offers advice on accommodation, careers, disability, finance, and wellbeing, academic issues (eg problems with module selection) and exam related queries. Students can get key information and guidance from the team of Helpdesk Advisers, or make an appointment with a specialist adviser; Student Services also offer drop-in sessions and runs workshops and seminars on a range of topics. For more information see www.reading.ac.uk/student

The Department of Geography and Environmental Science offers support to students through the Russell Building student resource hub, which provides advice and information to students from 9am - 5pm every day of the teaching term. Bespoke computing facilities are provided by the School of Archaeology, Geography and Environmental Science, including dedicated student IT laboratories with specialised software.

Career learning

This programme provides a wide range of opportunities for students to gain new or enhance existing skills. Students will have the opportunity to develop transferable skills (such as written and spoken communication, use of IT, information handling, interpersonal skills, etc) in all Parts of this programme. All students participate in a dedicated career learning module in Part 2, where they are encouraged to develop, recognise and articulate transferable skills. All students have opportunities to undertake placements during their degree. At Part 3, the dissertation module allows students to develop independent project management and research skills.

Career prospects

Geography and Economics graduates have an understanding of economic principles and processes as well as an awareness of the importance of socio-spatial, cultural and political processes gained through studies in human geography. This combination opens up a wide variety of careers. These include accountancy ITC, management posts in business and industry, banking, insurance and retailing. Some Geography and Economics graduates wish to pursue a career making direct use of their degree study. This can be in central and local government and in firms engaged in economic development consultancy and similar work, as well as in postgraduate study and teaching.

Opportunities for study abroad

As part of the degree programme students have the opportunity to study abroad at an institution with which the University has a valid agreement. This includes opportunities enabled by the ERASMUS European exchange scheme to a range of partner Universities in the European Union. The University of Reading also has bilateral arrangements for student exchange with Universities outside the European Union. In both cases, students normally spend one term of Part 3 studying abroad, gaining credit that will contribute to their final degree classification. Exceptionally, and subject to such opportunities being offered by partner Universities, students may spend one year on a study abroad placement, between Parts 2 and 3 of their degree. In this case, students do not gain credit that will contribute to their final degree classification. Students wishing to study abroad for any period of time during their degree are advised to contact the School of Archaeology, Geography and Environmental Science Placements Officer at the earliest opportunity.

Placement opportunities

This degree programme offers placement opportunities for students. In collaboration with the Student Employment, Experience and Careers Centre, we support students who wish to arrange their own placements during their degree programme. These may range in duration from short-term placements carried out alongside teaching, to one-year full time placements, usually taken between Parts 2 and 3 of the degree programme. Established opportunities include the University of Reading UROP scheme, where students work alongside research staff during the summer vacation. Students also act as Community Service Volunteers, and as Royal Geographical Society Geography Ambassadors, who visit local schools as part of the AIM Higher scheme. It is also possible to use the ERASMUS European exchange scheme to undertake a work placement in another European country. Students may draw directly on staff contacts, or call upon the knowledge of possible opportunities gained by working with similar organisations. Students are encouraged to incorporate their placements into their undergraduate dissertations where appropriate. The School of Archaeology, Geography and Environmental Science offers placement bursaries to students to support travel, accommodation and other expenses. Students wishing to undertake a placement for any period of time during their degree are advised to contact the School of Archaeology, Geography and Environmental Science Placements Officer at the earliest opportunity.

Programme Outcomes

The programme provides opportunities for students to develop and demonstrate knowledge and understanding, skills, qualities and other attributes in the following areas:

Knowledge and Understanding

A. Knowledge and understanding of:

1. Economic processes of production and exchange
2. The fundamental concepts and techniques of microeconomics and macroeconomics.
3. Fundamental concepts of human geography such as environment, place, spatial variation, and representation of landscape and environment
4. Geographic perspectives on social processes and their interaction at global, regional and local scales.
5. Interaction between social and economic processes in urban, regional and international systems
6. Theory and practice in economics and human geography and the potential for their integration.

Teaching/learning methods and strategies

Most of the knowledge required for the basic topics is discussed in formal lectures supported by smaller group discussions on set questions.

At Part 2 knowledge is also gained through a field class and practical work.

In Part 3 the specialised option modules include writing detailed assessments of set topics, making oral presentations and joining in group discussion.

Assessment

Most knowledge is tested through a combination of coursework and unseen formal examinations. Short tests and oral presentations also contribute.

Skills and other attributes

B. Intellectual skills - able to:

1. Think logically
2. Develop a reasoned argument
3. Organise tasks into a structured form
4. Abstract and synthesise information
5. Critically judge and evaluate evidence
6. Assess the merits of contrasting theories, explanations and policies
7. Transfer appropriate techniques and knowledge from one subject area to another
8. Organise and reflect upon their own learning
9. Recognise the moral and ethical issues involved in academic and policy debates.

Teaching/learning methods and strategies

The need to think logically and analytically permeates the compulsory modules in the course. Skills 2-7 are developed in essay writing, and continuously assessed project work and the dissertation. 8 is developed throughout the entire programme. 9 is developed both in discussion groups, readings and written work.

The more specialist topics provide many opportunities to apply and develop these skills through the analysis of a range of problems in a wide variety of contexts.

Assessment

1-5 are covered extensively in the core modules; 6-8 are given wide scope in the optional modules.

C. Practical skills - able to:

1. Present a chain of reasoning
2. Apply theoretical concepts and knowledge to the understanding of particular environments and spatial differences and to decision-making
3. Using a variety of techniques and principles, analyse economic and geographic problems
4. Evaluate policies from an economic and geographic standpoint
5. Communicate both orally and in writing critical analyses of economic, geographic and environmental issues
6. Plan, organise and write a report on an independent project

Teaching/learning methods and strategies

The core subjects in economics concentrate on formal economic reasoning. Problem solving forms an important part of class work especially in Parts 2 and 3.

In geography the ability to use all these skills is developed through essay writing, practicals, field work and small group discussions.

In both disciplines the specialised options involve writing detailed assessments of set topics.

Assessment

All skills are tested through a combination of

coursework, including both problem solving and essays, and through unseen examinations. 6 is assessed directly by means of the large number of essays prepared in Parts 1, 2 and 3. It is also assessed in a Part 2 project and the dissertation.

D. Transferable skills - *able to:*

1. Use IT (word-processing, spreadsheets databases, email and the web)
2. Apply skills of numeracy, graphicity and computation to data analysis
3. Communicate ideas in a logical way in both writing and speech
4. Give oral presentations
5. Contribute to group discussions of an economic or geographic problem
6. Use library resources both on- and off-line
7. Manage time
8. Plan career strategy

Teaching/learning methods and strategies

The use of IT is initiated in the Part 1 IT and Statistics module and further developed in the Part 2 Geographical Techniques module. Word processing is required throughout the Part 2 and 3 course modules

Seminars in Parts 2 and 3 involve group discussions and oral presentations. Part 2 work includes preparation of a group project

Library and internet resources have to be used continuously in the preparation of essays and project work

The highly structured system of deadlines for assessed work requires good time management

Career planning is taught through lectures and self paced computer-based assignments as well as one-to-one meetings with career staff.

Assessment

IT skills are assessed directly at Part I. Most skills are tested indirectly through the preparation of course and project work.

Please note - This specification provides a concise summary of the main features of the programme and the 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 learning outcomes, content and teaching, learning and assessment methods of each module can be found in the module description and in the programme handbook. The University reserves the right to modify this specification in unforeseen circumstances, or where the process of academic development and feedback from students, quality assurance process or external sources, such as professional bodies, requires a change to be made. In such circumstances, a revised specification will be issued.