Environment and Geography

2021/22 entry
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OUR SUPERB £12.5M STATE-OF-THE-ART BUILDING CONTAINS PURPOSE-BUILT LABS, LECTURE THEATRE AND SEMINAR ROOMS, AND FEATURES A SPECTACULAR LIVING WALL
Welcome to the
Department of Environment and Geography

There has never been a more important time to study environmental issues. Climate change impacts are at the forefront of the social and political agenda, and our degrees provide the skills to develop long-term sustainable strategies for the planet. Our students become independent thinkers who can consider solutions to environmental problems that address the needs of all members of society.

We are a dynamic and friendly department, carrying out research across a wide range of environmental, social and geographical issues in developing and developed countries. The Department is located on Campus West in the lakeside Environment Building, which features extensive state-of-the-art laboratories, teaching and social spaces.

Our courses are informed by our research, which includes work on marine conservation, tropical rainforests, atmospheric and oceanic science, ecotoxicology, biodiversity and conservation, glaciers, sea level change, environmental economics, climate change, sustainable development, food security, energy and environmental policy.

WHAT OUR GRADUATES DO

Recent graduate employment examples include:
- environmental conservationist
- graduate policy analyst
- flood risk officer

for a wide range of employers, such as:
- Environment Agency
- Anglian Water
- DEFRA
- oil and gas analyst
- graduate environmental consultant
- environmental engineer
- Atkins
- Department for International Development
- WSP Parsons Brinckerhoff Consultancy
<table>
<thead>
<tr>
<th>Qualification</th>
<th>UCAS Code</th>
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<tbody>
<tr>
<td>Human Geography and Environment</td>
<td>BA (Hons) L7F8</td>
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<tr>
<td>Human Geography and Environment with a year in industry (4 year)</td>
<td>BA (Hons) L7F6</td>
</tr>
<tr>
<td>Environmental Geography</td>
<td>BSc (Hons) F810</td>
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<tr>
<td>Environmental Geography with a year in industry (4 year)</td>
<td>BSc (Hons) F811</td>
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<tr>
<td>Environmental Geography (4 year)</td>
<td>MEnv (Hons) F815</td>
</tr>
<tr>
<td>Environmental Geography with a year in industry (5 year)</td>
<td>MEnv (Hons) F816</td>
</tr>
<tr>
<td>Environmental Science</td>
<td>BSc (Hons) F900</td>
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<tr>
<td>Environmental Science with a year in industry (4 year)</td>
<td>BSc (Hons) F901</td>
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<tr>
<td>Environmental Science (4 year)</td>
<td>MEnv (Hons) F902</td>
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<tr>
<td>Environmental Science with a year in industry (5 year)</td>
<td>MEnv (Hons) F903</td>
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<tr>
<td>Environment, Economics and Ecology</td>
<td>BSc (Hons) F7M0</td>
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<tr>
<td>Environment, Economics and Ecology with a year in industry (4 year)</td>
<td>BSc (Hons) F7M1</td>
</tr>
<tr>
<td>Environment, Economics and Ecology (4 year)</td>
<td>MEnv (Hons) F7LC</td>
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<tr>
<td>Environment, Economics and Ecology with a year in industry (5 year)</td>
<td>MEnv (Hons) F7L1</td>
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<tr>
<td>Global Development</td>
<td>BA (Hons) L800</td>
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<tr>
<td>Global Development with a year in industry (4 year)</td>
<td>BA (Hons) L801</td>
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Courses are three years unless stated otherwise. For the most up-to-date list of modules see our website: york.ac.uk

**Integrated Masters (MEnv)**

Our four-year integrated Masters (MEnv) option – available for Environmental Geography, Environmental Science and Environment, Economics and Ecology – offers advanced training, vocational modules and a significant independent research project tailored to your interests and career ambitions.

The Stockholm Environment Institute at York is based in our Department and is among the top think tanks on environmental policy in the world. As a student here you may be taught by staff from the institute and could have the opportunity to carry out your final year research project with them.
Human Geography and Environment BA (Hons)

At a time when globalisation, rapid population growth and migration are placing increased demands on our natural resources, there is a real need to understand the world around us and our place within it.

Culture, society, economics and politics all contribute to our changing natural environment. By exploring these issues, this course will help you to understand the complex relationships between people and place, and prepare you for the challenges that lie ahead.

BA york.ac.uk/ucas/L7F8 | BA with a year industry york.ac.uk/ucas/L7F6

Environmental Geography BSc (Hons)/MEnv (Hons)

This course is accredited by the Institution of Environmental Sciences. Gain the tools to develop sustainable solutions to environmental problems. You will learn about the effect of climate change on biodiversity, the impact of humans on environmental resources and much more.

You'll study aspects of physical geography such as sea level change, glacial and coastal environments and environmental hazards, alongside topics such as biogeography, Geographical Information Systems and sustainability.

Understanding the integration of physical and environmental geography will allow you to address the environmental challenges facing the world.

BSc york.ac.uk/ucas/F810 | BSc with a year in industry york.ac.uk/ucas/F811
MEnv york.ac.uk/ucas/F815 | MEnv with a year in industry york.ac.uk/ucas/F816

Environmental Science BSc (Hons)/MEnv (Hons)

This course is accredited by the Institution of Environmental Sciences. There has never been a greater need for scientists who understand how the Earth system functions and responds to human activities, and who can apply this knowledge in the broader social and economic context of managing the environment to ensure a sustainable future.

Research-led teaching with a multidisciplinary focus will provide you with the knowledge and skills needed to address complex environmental problems such as climate change, air pollution and energy transitions.

BSc york.ac.uk/ucas/F900 | BSc with a year in industry york.ac.uk/ucas/F901
MEnv york.ac.uk/ucas/F902 | MEnv with a year in industry york.ac.uk/ucas/F903
Environment, Economics and Ecology  BSc (Hons)/MEnv (Hons)

This course is accredited by the Institution of Environmental Sciences. Environment, Economics and Ecology is a unique interdisciplinary degree that will advance your critical abilities to tackle real-world environmental challenges, manage economic and social pressures in a sustainable manner, and integrate the benefits that people derive from the environment into policy decisions and practice. It focuses on ecosystem services as the linkages between human and natural systems, and the need for a holistic socio-ecological approach to understand challenges and solutions to climate change and environmental conservation.

The core curriculum provides fundamental knowledge of ecological and environmental economics and social sciences, as well as training in a range of technical skills required for careers in these areas. You can select from a broad range of discipline-specific options to develop your understanding of effective approaches to local and global sustainability.

BSc (Hons)  york.ac.uk/ucas/F7M0 | BSc (Hons) with a year in industry  york.ac.uk/ucas/F7M1
MEnv (Hons)  york.ac.uk/ucas/F7LC | MEnv with a year in industry  york.ac.uk/ucas/F7L1

Global Development  BA (Hons)

Explore theories and practices of sustainability and global justice with tools from across the natural sciences, social sciences and humanities. You’ll further your understanding of global inequalities and develop an awareness of how various organisations interact with each other as they contribute to, and resolve, problems such as global exploitation, environmental degradation and injustice.

BA  york.ac.uk/ucas/L800 | BA with a year in industry  york.ac.uk/ucas/L801

york.ac.uk/environment
All the modules you'll study during your first year with us are core. This is to ensure you have a solid grounding in the subject before you move on and begin to tailor your degree to your interests via optional modules offered in later years.

We’ve included a selection of option modules for each course over the coming pages, but you can find an up-to-date list and further details about each module on our website: york.ac.uk/environment/undergraduate

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### Human Geography and Environment BA (Hons)

#### Year 1
- Introduction to Human Geography
- Global Geographies
- Qualitative Approaches to Social Science Research
- Environmental Field Trip
- Ecological Principles for the Environment
- Environment, Development and Society
- Data Analysis for Environmental Research

#### Year 2
- Residential Field Trip
- Geographical Information Systems
- Geographies of Development
- Sustainable Tourism and Transport
- Food, Space, Culture and Society
- Environmental Policy
- Economics of Sustainable Development
- Megacities and Urbanisation
- Energy and the Environment
- Education and the Environment
- Nature, Culture and Technology

#### Year 3
- Research Project
- Environmental Psychology for a Sustainable Society
- Gender, Environment and Global Poverty
- Production and Consumption Geographies – Field Trip
- Environmental and Natural Resource Economics
- Biodiversity and Society
- The Racial State
- Humans and Other Animals
## Environmental Geography BSc (Hons)/MEnv (Hons)

<table>
<thead>
<tr>
<th>Year</th>
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</table>
| Year 1 | Dynamic Earth  
Environmental Geography Research  
Physical Geography  
Environmental Field Trip  
Data Analysis for Environmental Research  
Ecological Principles for the Environment  
Environment, Development and Society |
| Year 2 | Residential Field Trip  
Geographical Information Systems  
Earth Processes and Landforms  
Environmental Systems Project  
Biogeography  
Environmental Geochemistry  
Ocean Management and Conservation  
Climate Change: Science, Observations and Impacts  
Energy and the Environment  
Ecological Methodology |
| Year 3 | Research Project (BSc only)  
Advanced Literature Review (MEnv only)  
Research Skills and Statistical Methods (MEnv only)  
Coastal Environments and Glaciers, Ice Sheets and Climate Change and/or  
Environmental Hazards  
Atmosphere and Ocean Science  
Land Use Change and Management |
| Year 4 (MEnv only) | Research Dissertation  
Current Research in Environmental Geography  
IPCC Science  
Biodiversity Conservation and Protected Areas  
Reconstructing Environmental Change Field Course  
Business and the Environment  
Environmental Impact Assessment  
Corporate Sustainability |
Environmental Science  BSc (Hons)/MEnv (Hons)

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<thead>
<tr>
<th>Year 1</th>
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<tbody>
<tr>
<td>▪ Concepts in Environmental Science</td>
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<tr>
<td>▪ Frontiers in Environmental Research</td>
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<tr>
<td>▪ Dynamic Earth</td>
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<tr>
<td>▪ Environmental Field Trip</td>
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<tr>
<td>▪ Data Analysis for Environmental Research</td>
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<tr>
<td>▪ Ecological Principles for the Environment</td>
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<td>▪ Environment, Development and Society</td>
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<tr>
<th>Year 2</th>
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<tbody>
<tr>
<td>▪ Residential Field Trip</td>
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<tr>
<td>▪ Environmental Systems Project</td>
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<tr>
<td>▪ Climate Change: Science, Observations and Impacts</td>
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<tr>
<td>▪ Ecosystem Processes</td>
</tr>
<tr>
<td>▪ Environmental Geochemistry</td>
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<tr>
<td>▪ Earth Processes and Landforms</td>
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<td>▪ Energy and Environment</td>
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<td>▪ Geographical Information Systems</td>
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<tr>
<td>▪ Ocean Management Conservation</td>
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<td>▪ Ecological Methodology</td>
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<tr>
<th>Year 3</th>
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<tbody>
<tr>
<td>▪ Research Project (BSc only)</td>
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<tr>
<td>▪ Advanced Literature Review (MEnv only)</td>
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<tr>
<td>▪ Research Skills and Statistical Methods (MEnv only)</td>
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<tr>
<td>▪ Atmosphere and Ocean Science and/or</td>
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<tr>
<td>▪ Pollution Monitoring, Assessment and Control</td>
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<tr>
<td>▪ Land Use Change and Management</td>
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<tr>
<td>▪ Environmental Hazards</td>
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<td>▪ Biodiversity and Society</td>
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<tr>
<th>Year 4 (MEnv only)</th>
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<tbody>
<tr>
<td>▪ Research Dissertation</td>
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<tr>
<td>▪ Business and the Environment and Environmental Impact Assessment or</td>
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<tr>
<td>▪ Corporate Sustainability</td>
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<tr>
<td>▪ Residential Field Course</td>
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<tr>
<td>▪ Current Research in Environmental Science</td>
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<tr>
<td>▪ Ecotoxicology</td>
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<td>▪ IPCC Science</td>
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<td>▪ Environment and Health</td>
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# Environment, Economics and Ecology

**BSc (Hons)/MEnv (Hons)**

## Year 1

- Ecological Principles for the Environment
- Introduction to Ecological and Environmental Economics
- Frontiers in Sustainability Research
- Data Analysis for Environmental Research

## Year 2

- Residential Field Trip
- Economics of Sustainable Development
- Applied Economics for the Environment
- Ocean Management and Conservation
- Ecological Methodology

## Year 3

- Research Project (BSc only)
- Advanced Literature Review (MEnv only)
- Research Skills and Statistical Methods (MEnv only)
- Environmental and Natural Resource Economics and/or
- Biodiversity and Society

## Year 4 (MEnv only)

- Research Dissertation
- Applied Environmental Economics
- Business and the Environment and Environmental Impact Assessment or
- Corporate Sustainability
- Residential Field Course

- Environmental Psychology for Sustainable Society
- Gender, Environment and Global Poverty
- Environmental Hazards
- Strategic Management of Risk
- Atmosphere and Ocean Science

- Current Research in Environment, Economics and Ecology
- IPCC Science
- Environmental Governance
- Biodiversity, Conservation and Protected Areas

[york.ac.uk/environment](http://york.ac.uk/environment)
# Global Development BA (Hons)

## Year 1
- Foundational Issues in Global Development
  - Introduction to International Politics
  - Introducing Social Policy
  - Exploring Social Policy and Social Justice
  - Environment, Development and Society
  - Global Geographies
- Research Methods in Global Development
  - Political Communities in World History
  - Societies and Economies in World History
  - Knowledge and Beliefs in World History
  - Historical Perspectives on Economic Growth

## Year 2
- Issues and Skills in Global Development
  - The Rising Powers
  - Human Rights and Wrongs in a Globalised World
- Politics of Development
  - Geographies of Development
  - Economics of Sustainable Development

## Year 3
- Advanced Issues and Skills in Global Development
- Global Development Dissertation
  - Gender, Environment, and Global Poverty
  - Improvement, Modernisation or Violence? ‘Development’ in Historical Perspective
  - Empires
  - Neoliberalism and its Discontents: The World since 1968
  - Education and International Development

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*Global Geographies*

- Advanced Issues and Skills in Global Development

- Regionalism in World Politics
  - Governing the Global Economy
  - Contemporary Politics of South Asia
- Politics of Security in Africa
- The Global Food System
- Ethnicity and Conflict
- Poverty and Inequality
- Sustainable Development and Social Inclusion
The field trips have been a really fun part of the course. From residential trips to days out, there’s no way you’ll be spending all your time in lecture halls. Your flatmates will be very jealous!

Wesley, MEnv Environmental Science
Field work

Field work is integral to your course, so in Years 1 and 2 there are core residential field trips. The travel and accommodation costs of these are included in your student fees.

We will meet the full cost of flights in most cases. However, in certain circumstances, you may have to make a contribution.

**Typical examples of our core field trips:**

**Year 1**

**Three-day field trip (currently to north-east England)** to examine a wide variety of geographical and environmental sites, with a one-week flood exercise after the trip, giving you vital employability skills.

**Year 2**

**Residential field trip (currently to Tenerife)** where you’ll gain an understanding of the natural and anthropogenic challenges faced by the island.

**Year 3**

By Year 3 you’ll have the opportunity to pick a field trip as part of your optional modules but this will incur extra cost.

Current optional field trips include:

**Production and Consumption Geographies – field trip (currently to Prague)**

BA (Hons) Human Geography and Environment and BSc (Hons) Environment, Economics and Ecology

Additional optional field trips will be available.

*In addition, many of our modules include half- or full-day field visits.*

**Year 4**

**Residential field trip (currently to the western Yorkshire Dales and Morecambe Bay)** to develop an understanding of the area’s palaeoenvironmental history and wider significance to physical geography and environmental science.

MEnv (Hons) Environmental Geography, MEnv (Hons) Environmental Science and MEnv (Hons) Environment, Economics and Ecology
We are delighted that you are considering studying at the University of York. Here are some of the ways we help bright and inquisitive minds like yours to reach their full potential.

At York you will study and learn with inspiring academics who are dedicated to their subjects as active researchers and experts in their field. We’re one of the world’s premier institutions for inspirational and life-changing research, which feeds directly into the teaching you’ll receive.

You will have access to our outstanding facilities, from laboratories to libraries and online resources, and you’ll enjoy the location of our thriving campus within walking distance of the impressive city centre.

Our courses are delivered via lectures, seminars, workshops, laboratory work, field trips, computer-based teaching, feedback sessions and personal tutorials. We listen carefully to all your feedback and use it to inform improvements to our courses.

The York Approach to teaching and learning

Our academics carefully design our courses so that you get the most from your time working with teaching staff or studying on your own. You’ll understand what you’re aiming for and why at every stage of study. You’ll also feel confident about applying the skills and knowledge you learn throughout your course to new situations, such as placements or jobs. We’ll give you a clear description of the aims of your chosen course and six to eight learning outcomes which are unique to the course, capturing its distinctive characteristics.

You’ll know what work you need to do and how it helps you to meet each outcome. These will tell you what you can expect to be able to do when you graduate and help you to explain what you can offer to employers.

Our approach will build your knowledge, develop your skills and propel you towards successful next steps.

The Department has strong links to global policy makers including UNEP and WHO
Placements and studying abroad

Placements are a fantastic opportunity to gain valuable work experience at a challenging level and will help you prepare for graduate jobs.

You can choose the year in industry option that is offered as part of all our courses when you apply to study with us. Our departmental placement team will provide specialist help and advice to guide you through the process of choosing a suitable opportunity. They will also be a source of support during your time away from the campus.

You could also consider some of the broad range of options available via the University’s Placement Year programme. This gives you the opportunity to do a placement that is not directly related to your degree subject.

Industry placement students have worked with a wide range of employers such as E.ON, RWE, AWE, GE, GSK, ADAS, Adidas, Siemens and Cranedale Centre.

You can also apply to spend up to a year studying or volunteering outside the UK through the Centre for Global Programmes. A life-changing opportunity to explore the world will enrich your education and prepare you for a career in the global marketplace. In the past our students have headed for places such as the University of British Columbia, National University of Singapore, University of Sydney, Western University (Ontario, Canada) and University of Denver.
The degree has helped me to define a career path in the environmental assessment field with energy companies in the UK, as well as providing me with the transferable skills I need to perform well in the years to come.

Max, BSc Environment, Economics and Ecology student
As you start to make decisions about the next stage of your education, it’s a good idea to look a little further ahead and think about what you’ll do when you graduate.

Our graduates are sought by leading employers in a vast range of disciplines. Many of our graduates progress to postgraduate degrees at York and other leading universities. However, the analytical and problem-solving skills you’ll learn are relevant across most industries and will equip you to become a lifelong autonomous learner.

We’re committed to supporting our students’ career development. York Futures, our employability initiative, will enable you to build a portfolio of valuable experience and skills during your time at York that could help you secure that dream job. Starting in your first year, our unique York Strengths programme will help you make sense of what you can offer to employers. We’ll support you to identify your personal qualities, understand your options, and make plans for moving towards a career in which you’ll thrive. We also organise activities from careers fairs to leadership-building exercises to ensure you progress with a competitive edge.
Feeling inspired?

The information here is just an overview of our Environment and Geography courses at York, but you can find even more information and an up-to-date module list on our course pages:
york.ac.uk/environment/undergraduate

Get to know us

While you’re there, be sure to visit our study pages to discover more about studying at York and campus and city living:
york.ac.uk/undergraduate

TYPICAL OFFERS

2021/22 ENTRY

A LEVELS
AAB for F810, F811, F815, F816, L7F8, L7F6, L800 and L801
ABB for F900, F901, F902, F903, F7M0, F7M1, F7LC and F7L1

IB
35/34

BTEC NATIONAL EXTENDED DIPLOMA
DDD/DDM

EPQ
If you achieve a C or higher, you will be eligible for a reduced offer, one grade below our typical offer

OTHER QUALIFICATIONS
For details of other acceptable qualifications go to york.ac.uk/ug-entry-requirements

ESSENTIAL SUBJECTS
Geography or Geology plus one science for F810, F811, F815 and F816
Geography for L7F8 and L7F6
Two sciences for F900, F901, F902 and F903
At least one from Business Studies, Economics, Government and Politics, or a science* for F7M0, F7M1, F7LC, F7L1

We accept the following subjects as a science:
Biology, Chemistry, Environmental Studies, Geography, Geology, Life and Health Sciences, Mathematics, Physics or Psychology.
Additional requirements GCSE
Mathematics at 4 (C)

ENGLISH LANGUAGE REQUIREMENT
IELTS 6.5 with at least 6.0 in all units