We use cookies to ensure that we deliver the best user experience of our website. If you would like to, you can change your cookie settings at any time. Continue

Environmental and Natural Resource Economics MSc

This programme is aimed at providing you with the skills necessary to understand the fundamental causes of contemporary environmental problems, and to design policies to solve them.

Study here and find out why the University of Birmingham has been awarded The Times and The Sunday Times University of the Year 2013-14 (http://www.birmingham.ac.uk/news/latest/2013/09/20-sep-Birmingham-announced-as-University-of-the-Year.aspx)

Course fact file

Type of Course: Taught

Study Options: Full time, part time

Duration: 1 year full-time, 2 years part-time

Start date: September 2012

Contact

The Postgraduate Administrator
Tel: +44 (0)121 414 6650
Email: bbs-msc@contacts.bham.ac.uk (mailto:bbs-msc@contacts.bham.ac.uk)

Birmingham Business School (/schools/business/index.aspx)

Follow us on Twitter (http://twitter.com/UoB_Business)

Contact us on Facebook (http://facebook.com/birminghambusinessschool)

Details

Irene studied the MSc Environmental and Natural Resource Economics programme with help from the Tullow Scholarship scheme.

Environmental and natural resource economists deal every day with the most challenging problems facing mankind: global climatic change, environmental pollution, deforestation, biodiversity loss, water scarcity and food poverty, to name but a few.

A once in a lifetime opportunity - *Olumide Aborisade, MSc Environmental and Natural Resource Economic* s

The Environmental and Natural Resource Economics MSc programme is unique in that it combines a solid foundation in key areas of economics, with specialized field courses.

Our students receive a thorough grounding in macroeconomics, microeconomics and econometrics, alongside an in-depth knowledge of the economics and policy of environmental pollution, renewable and non-renewable resource use, as well as the interaction between globalization and environmental degradation.

In addition, we emphasise the development of the quantitative skills necessary to understand and perform empirical work in economics, with particular attention to the valuation of environmental goods in monetary terms.

During your time studying the Environmental and Natural Resource Economics MSc at Birmingham Business School, you can expect to learn about:

- global environmental pollutants and climate change,
- emissions trading schemes,
- the links between trade and the environment,
- the role of innovation and technological change policy in securing a transition to a low carbon economy
- the optimal management of fisheries and forests as well as fossil fuels and mineral resources,
- hedonic analysis and choice experiments as methods of valuing intangible goods

- how to modify national accounts to reflect resource depletion and pollution.

Modules

The programme comprises 180 credits in total (credits are given in brackets).

Compulsory courses:

- **Microeconomics (/postgraduate/courses/taught/econ/postgraduate-modules/microeconomics.aspx)** (20)
- **Macroeconomics (/postgraduate/courses/taught/econ/postgraduate-modules/macroeconomics.aspx)** (20)
- **Econometrics for Environmental Valuation (/postgraduate/courses/taught/econ/postgraduate-modules/econometrics-environmental-valuation.aspx)** (30)
- **Environmental Economics (/postgraduate/courses/taught/econ/postgraduate-modules/environmental-economics.aspx)** (20)
- **Natural resource Economics (/postgraduate/courses/taught/econ/postgraduate-modules/natural-resource-economics.aspx)** (20)
- Dissertation (60)

Additionally, students can choose one optional courses chosen among the graduate courses offered by the Department of Economics, or a graduate course offered elsewhere (subject to approval). In recent years popular choices of electives have been:

- **Development Economics Policy (/postgraduate/courses/taught/econ/postgraduate-modules/development-economics-policy.aspx)** (10)
- **International Trade Policy (/postgraduate/courses/taught/econ/postgraduate-modules/international-trade-policy.aspx)** (10)
- **Political Economy and Economic Policy (/postgraduate/courses/taught/econ/postgraduate-modules/political-economy-economic-policy.aspx)** (10)
- **Risk, Uncertainty and Information (/postgraduate/courses/taught/econ/postgraduate-modules/risk-uncertainty-information.aspx)**
- **International Investment (/postgraduate/courses/taught/econ/postgraduate-modules/international-investment.aspx)**

Fees and funding

Full-time: £5,940 (UK / EU) £13,665 (overseas)

Part-time: £2,970 (UK / EU)

Learn more about **fees and funding (/postgraduate/pgt-fees/fees.aspx)**

Scholarships and studentships
Scholarships may be available. International students can often gain funding through overseas research scholarships, Commonwealth scholarships or their home government.

Entry requirements

We welcome applications from students with a good honours first degree (or overseas equivalent) in Economics or a related discipline. We expect our students to have received a good training in economics, to at least intermediate level, and to have sufficient knowledge of calculus and statistics. However, we are willing to consider applications from a diverse range of highly motivated applicants, and will also consider previous work experience alongside academic qualifications. We encourage all applicants to submit a detailed CV.

Learn more about **entry requirements (http://www.birmingham.ac.uk/students/pg/requirements)**

International students
We accept a range of qualifications from different countries – learn more about **international entry requirements (http://www.birmingham.ac.uk/students/pg/requirements/international)**

Standard English language requirements (/postgraduate/requirements-pgt/international/index.aspx) apply

How to apply

When clicking on the Apply Now button you will be directed to an application specifically designed for the programme you wish to apply for where you will create an account with the University application system and submit your application and supporting documents online. Further information regarding how to apply online can be found on the **How to apply pages (http://www.birmingham.ac.uk/students/courses/postgraduate/apply-pg/index.aspx)**

Apply now (https://pga.bham.ac.uk/lpages/COS087.htm)

Learning and teaching

The Department of Economics boasts a large group of academics highly active in the field of Environmental Economics.

You will be taught by senior members of staff, who regularly publish in the leading journals in their fields, such as the Journal of Environmental Economics and Management, Environmental and Resource Economics, and Ecological Economics.

We also value excellence in teaching; all our lecturers have received outstanding teaching evaluations, and one of them is a co-author of the best-selling environmental economics textbook in Europe.

The Department of Economics also has numerous PhD students, many working on environment related projects, some of which graduated from our MSc course. We foster a collegial and intellectually stimulating environment by regularly hosting a range of visiting speakers, running a specialized seminar series, and organising postgraduate workshops inviting students from other leading universities

Learning settings

Set in landscaped gardens this multi-million pound home to Birmingham Business School is equipped with the latest facilities and technology to ensure your studies are inspired by their surroundings. Lectures and teaching will take place in a variety of versatile lecture theatres and breakout rooms which, as well as the traditional whiteboard and pen, are equipped with wireless connection and constantly updated technology including all the audio-visual equipment that you would expect from one of the UK's premier insitutions.

Research study area

This is an example of the type of dedicated space we have available for research students across the College

If you can see this message rather than a virtual tour then please click here to install the adobe flash player.
If you are still unable to view the virtual tour then you may need to enable javascript in your browser (click here for instructions).
If you are still experiencing problems then please email Revolution Viewing at support@revolutionviewing.com

Assessment methods

A number of methods of assessment are used in the Business School, including assignments, group work, presentation, and examinations. The method(s) of assessment for each module will be detailed in the Module Description.

The most common forms of assessment used are written assignments and exams, and information on these is given below. Help and guidance on other forms of assessment will be given in the module in which they are used.

Employability

This programme provides rigorous training in environmental and resource economics. This will prove valuable to employers in local and national government, government agencies, environmental organisations, business and academia.

In recent years, our students have gone on to take up positions in;

- government ministries (the Department of Energy and Climate Change, the U.S. Environmental Protection Agency, etc.)
- public and private sector companies
- international and non-governmental organisations
- consultancy firms

Some of our graduates pursue further studies either in Birmingham or elsewhere, and go on to research and teaching careers in institutions of research and higher education.

© University of Birmingham 2014