



UNIVERSITY OF
BIRMINGHAM

SCHOOL OF GEOGRAPHY,
EARTH AND ENVIRONMENTAL
SCIENCES



**TAUGHT POSTGRADUATE PROGRAMMES
IN THE SCHOOL OF GEOGRAPHY,
EARTH AND ENVIRONMENTAL SCIENCES**

Introduction to the School of Geography, Earth and Environmental Sciences

Our postgraduate programmes are shaped by research that addresses global grand challenges across the fields of geography, planning, earth sciences, environmental science, occupational health and safety, and environmental and public health. With policy and practice focused teaching, all our programmes have high employability outcomes.

Our research spans four complementary themes: Environmental Health Sciences, Geosystems, Physical Geography and Human Geography (including the Centre for Urban and Regional Studies). We have a strong international reputation for interdisciplinary research in hydrology, ecology, earth sciences, climate and atmospheric sciences, environmental health and risk management, human geography and urban and regional studies.

Our diverse range of taught postgraduate programmes will provide you with a thorough understanding of the discipline, as well as high-quality training and skills development, and access to our expert staff and excellent facilities.

Our graduates go on to study PhDs or forge careers in areas that matter – from environmental consultancies and the hydrocarbon industries, to urban planning, policy roles in NGOs and government regulatory services – and make a real contribution to global challenges.

Our extensive facilities for postgraduate study include an earth imaging laboratory, a stable-isotope laboratory (SILLA), extensive map and archive facilities, an environmental library, a fully digital drawing office, and state-of-the-art laboratories for environmental chemistry, sedimentology, ecology, groundwater and palaeobiology.



EARTH SCIENCES

Geology at Birmingham dates back to 1881, and today is home to a vibrant and collaborative research and teaching environment. We have strong expertise in tectonics, hydrogeology, palaeobiology, palaeoclimatology and palaeoenvironmental reconstruction.

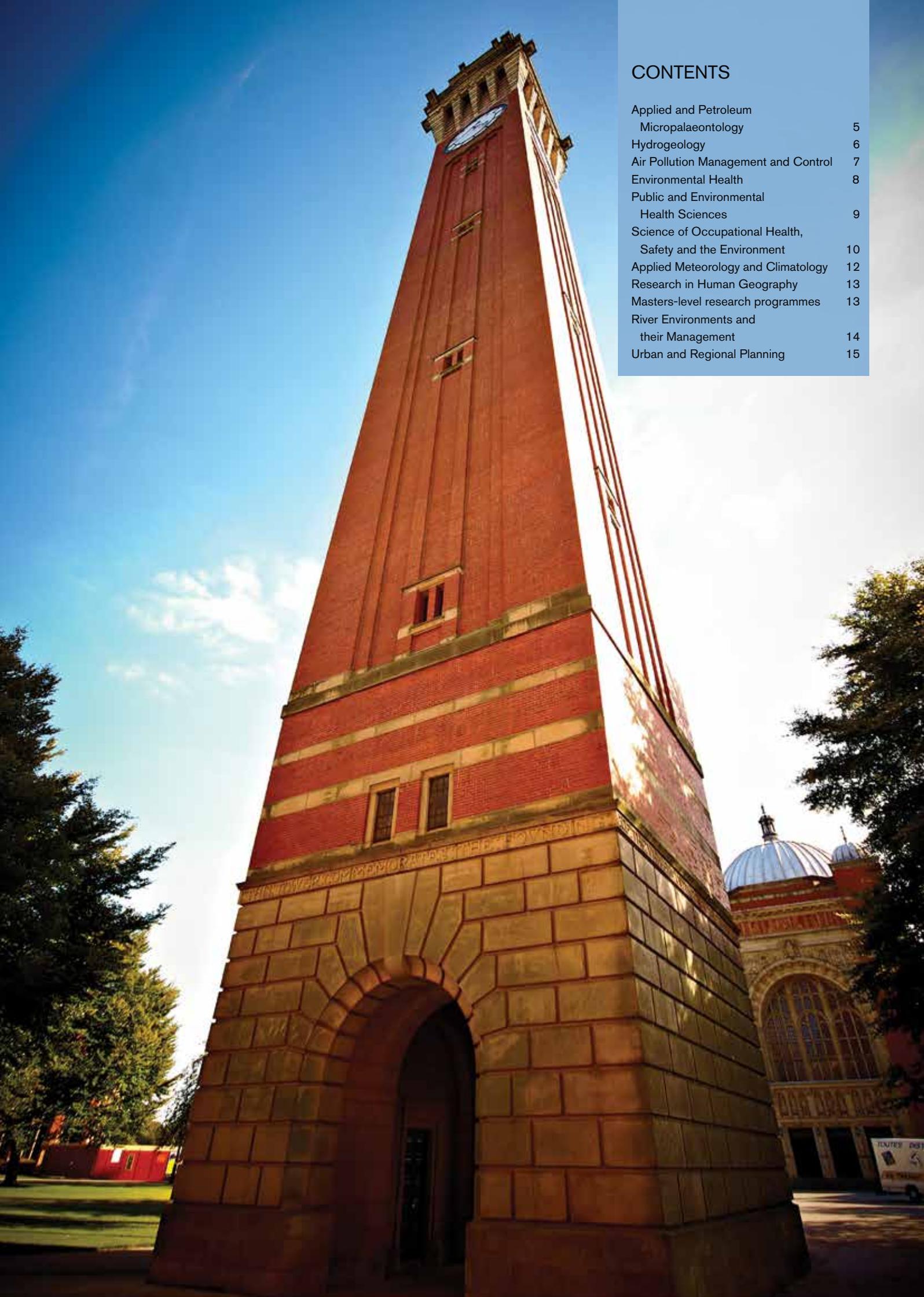
We are home to the Lapworth Museum of Geology, an invaluable resource for our students and researchers, which is now open following a £2.7 million redevelopment.

ENVIRONMENTAL HEALTH AND RISK MANAGEMENT

The Division of Environmental Health and Risk Management (DEHRM) provides a dynamic and internationally recognised research and teaching environment within which to explore global change and environmental impacts upon ecosystems, the environment and human health. Some of our programmes are accredited by the Institute of Environmental Sciences (IES) and the Institute of Air Quality Management (IAQM), Chartered Institute of Environmental Health (CIEH) or IOSH (Institution of Occupational Safety and Health).

GEOGRAPHY AND ENVIRONMENTAL SCIENCES

Geography teaching began at Birmingham in 1924. Since then we have built on our success to forge a renowned international reputation for interdisciplinary research in ecology, water sciences, climate and atmospheric sciences, economy, enterprise and development, urban sustainability, culture, politics, service worlds and emerging regions.



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Applied and Petroleum Micropalaeontology

MSc

FACT FILE

Start date: September
Duration: 1 year full-time,
Study mode: On campus
Fees for 2018/19: UK/EU – £10,170;
 International – £20,610
Entry requirements: 2:1 Honours degree
 in earth sciences or related discipline

Course content

Although primarily aimed at earth sciences graduates who wish to gain expertise in micropalaeontology and petroleum geoscience, this course has the flexibility to engage with students from a variety of academic backgrounds and would also suit those with experience in geoscience-related disciplines.

This course trains you in all aspects of biostratigraphy – a key tool within the hydrocarbon exploration and production industries. The course covers all the major microfossil groups and integrates these micropalaeontological skills with the interpretation of sedimentary basins and the principles of petroleum geology. There is a focus on the role of microfossils in understanding major changes in global climate. The course offers the opportunity to experience working with geological consultancies as well as an academic research environment, and is co-taught by academics and industrial partners.

The course is delivered through a series of taught modules focusing on the key microfossil groups and their applications. A short UK-based field trip will study the sediments and structures of an active hydrocarbon system. Students will also take additional courses to broaden their understanding of petroleum geology and sedimentary basin analysis.

Modules

Taught modules offered include:

- Foraminifera
- Calcareous Nannofossils
- Ostracods
- Palynology
- Sedimentary Basin Analysis
- Petroleum Geosciences

www.birmingham.ac.uk/apm-mods

Assessment

120 credits are assessed through taught modules, 60 credits are awarded following the successful completion of the independent project. A variety of assessment methods are used, ranging from written coursework, case study reports, oral presentations and standard examinations. The independent research project is assessed through a written dissertation.

Fees and funding

A variety of scholarships may be available. Please consult the University's postgraduate funding database:

www.birmingham.ac.uk/pgfunding

CAREERS

The course is primarily designed to prepare students for work in the hydrocarbon industry and related service sector; this may involve both onshore and offshore work in the UK, in Europe and worldwide. The research skills acquired will also provide a strong foundation for those wishing to undertake further postgraduate study towards the award of a PhD in the fields such as reconstructing past climate change, environmental monitoring and the evolution of life.



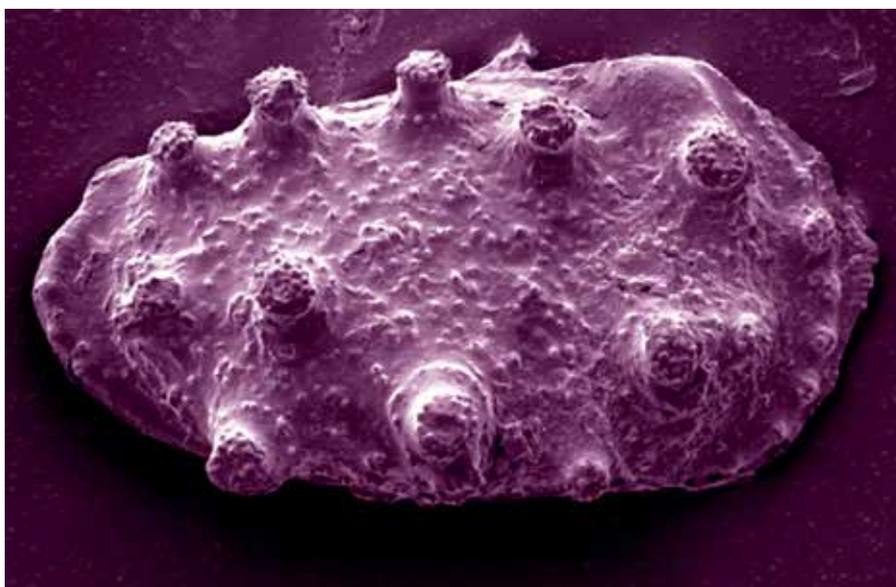
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Hydrogeology

MSc

FACT FILE

Start date: September

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

Study mode: On campus

Fees for 2018/19: UK/EU – £9,000 full-time; £4,500 part-time
International – £20,610 full-time

Entry requirements: 2:1 Honours degree in a science, engineering, or environmental subject plus an AS or A level (or other appropriate training) in Mathematics

Course content

This MSc is designed for those looking for a fascinating, varied career that contributes strongly to both human and environmental well-being. Offering a comprehensive training in the theory and practice of groundwater science and engineering, this course provides an excellent basis for careers in scientific, engineering and environmental consultancies, water companies, major industries, research, and government scientific and regulatory services in the UK and abroad.

Hydrogeology is a multidisciplinary subject and we welcome students from a range of science backgrounds, including geosciences, engineering, physics, mathematics, chemistry, biosciences and environmental sciences. The lecture component of the programme encompasses the full range of hydrogeology topics, including groundwater resources, groundwater contamination, remediation, and groundwater engineering. A wide choice of project topics is also available.

This is a full 12-month programme, though we also offer a 'split registration' option that allows the course to be taken over two years. The taught part of the course is divided between two terms of 11 weeks. The autumn term (September to December) includes a week of fieldwork where a range of field testing and sampling is undertaken on the University campus research borehole array, and visits are made to sites where groundwater remediation, wetland conservation, river augmentation, waste disposal, and drilling can be seen in action.

Students also attend a national research conference.

In the spring term (January to March), in addition to the taught modules, there is a programme of seminars involving outside speakers. From May to August students undertake an individual project. Projects are often with groundwater/environmental consultants or with government bodies, or may be associated with research projects in the School. They may be based in the UK or overseas, and be focused on field work, laboratory work, computer modelling, or a combination of these.

Modules

Taught modules offered include:

- Groundwater Flow and Transport Theory
- Hydraulic Properties
- Regional Groundwater Flow Modelling
- Surface Water Interactions
- Spatial Data Analysis and Environmental Geophysics
- Borehole Design, Construction and Maintenance
- Inorganic Chemistry and Groundwater
- Organic Contaminant Hydrogeology
- Contaminated Land – Groundwater Remediation
- Contaminant Transport Modelling
- Groundwater Management and Exploitation
- Water Resources Studies

www.birmingham.ac.uk/hydro-mods

Assessment

A variety of assessment methods are used in the taught part of the course, including formal examinations, individual and group coursework (eg, computer modelling), literature-based report writing, and oral presentations. In addition, the four month individual project is written up by students in a report typically of about 100 pages in length.

Fees and funding

A variety of scholarships are available.

Please consult the University's postgraduate funding database: Scholarship information is also occasionally posted on the course finder page on our website.

www.birmingham.ac.uk/pgfunding

CAREERS

There are excellent employment opportunities for our graduates in the UK and overseas. Graduates find employment in specialist consultancies, research, industry, environmental regulation, and overseas development organisations. Most students gain employment in consultancies. Hydrogeologists in a consultancy may be expected to provide advice on a range of problems, for example: water supply schemes ranging in size from individual dwellings to countries; regional aquifer management; contaminant migration and impact; domestic, industrial, or nuclear waste disposal facility design; groundwater remediation; dewatering for construction; ground source heat pump systems; well protection zones; surface water and ecosystem support; planning for climate change. Day-to-day work is often very varied, though there is also opportunity for specialising within the profession. The course includes a Careers Day attended by around 20 organisations, and has a programme of distributing employment opportunities frequently sent to the course by employers.



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Air Pollution Management and Control

MSc/PGDip

FACT FILE

Start date: September

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

Study mode: On campus

Fees for 2018/19: UK/EU – £9,000 full-time, £4,500 part-time;

International – £20,610 full-time

Entry requirements: 2:1 Honours degree or equivalent in a science or engineering subject, or an unrelated degree or a degree without honours followed by at least two years' appropriate postgraduate experience.

2:2 Honours degrees in a science or engineering subject may also be considered depending on individual module marks in key subject areas. In certain cases (for example, for applicants with appropriate professional experience) this requirement may be waived.

Course content

This programme is the only course in Air Pollution Management and Control in the UK. The course is built upon successful air pollution control lessons in the UK and underpinned by world-leading research in air pollution at the University of Birmingham. It is accredited by the Institute of Environmental Sciences (IES) and the Institute of Air Quality Management (IAQM). It is designed to provide a comprehensive understanding of the causes and effects of air pollution, and of the management measures and engineering technologies available for its control. Students also undertake a supervised independent research project.

The Air Pollution Management and Control course is designed for students looking for a future career in air quality management, environmental consultancy or industrial emissions control, and to provide further professional development and training for those currently working in these areas. It also provides a thorough scientific training in air pollution and climate change issues for further study and entry to PhD programmes.

Overall the course will equip you with the theoretical background and practical skills needed for a career in air quality management and control. We focus on both the underlying scientific processes governing atmospheric composition, and the technical methods and legislative processes applied to address a variety of air quality issues. The course is taught by experienced staff from the University of Birmingham, and by external expert speakers drawn from local authorities, industry and consultancies.

Modules

Taught modules offered include:

- Causes and Effects of Air Pollution
- Atmospheric Physics and Composition
- Air Pollution Meteorology
- Air Pollution Chemistry
- Air Quality Management
- Air Pollution Control Technology
- Carbon Management
- Air Quality Data Analysis and Interpretation (optional)
- Physical Climatology and Climate Change (optional)
- Independent Research Project

www.birmingham.ac.uk/apc-mods

Assessment

A variety of assessment methods are used, including written coursework, case studies, oral presentations and standard examinations. The major research project is assessed through a written dissertation and a viva.

Fees and funding

A variety of scholarships are available. Please consult the University's postgraduate funding database:

www.birmingham.ac.uk/pgfunding



CAREERS

Graduates from the course go on to a variety of employment destinations, including local authorities, the Environment Agency, consultancies and private industry, and further study undertaking PhDs. Air quality monitoring and improvement is a legislative requirement in many countries, supporting demand for trained graduates.



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Environmental Health

MSc

FACT FILE

Start date: September

Duration: 1 year full-time

Study mode: On campus

Fees for 2018/19: UK/EU – £9,000

full-time; International – £20,610 full-time

Entry requirements: 2:1 Honours degree in a science discipline

Course content

This programme provides an accredited pathway for science-based graduates to become environmental health practitioners. It is accredited by the Chartered Institute of Environmental Health (CIEH) as meeting its core curriculum requirements. In the UK, on completion of the MSc and in order to be registered with the Environmental Health Officers Registration Board, graduates then undertake up to 12 months' practical training in an approved organisation and complete a Portfolio of Professional Practice.

This MSc course is aimed at UK and EU students. It is aimed at science-based graduates who wish to become environmental health practitioners working in the UK.

In addition to the MSc programme, each student will be required to undertake a specific training programme and pass an examination on the wholesomeness and fitness for human consumption of a range of food and food products to meet the professional practice requirements of the CIEH.

An additional fee will be charged for this practical training and examinations. The course is modularised and structured so that part-time students can accumulate credits over a period of time. It is compulsory to take the Law module first but this can be with any combination of other modules. The University allows five years to complete the MSc.

Modules

Students study eight modules and a dissertation. In terms of the progression through the programme the choice of option must be related to the dissertation.

Modules include:

- Food Safety Control
- Occupational Health & Safety
- Housing Enforcement and Renewal
- Environmental Protection and Climate Change
- Law
- Health Protection
- Public Health Integration
- Practical Food Inspection
- Dissertation

www.birmingham.ac.uk/eh-mods

Assessment

The course is taught using formal lectures, workshops, group work, case studies, practical simulations eg, industrial/commercial visits, and student-centred learning. It is built around the foundation of knowledge and skills required by the CIEH and will provide students with a hands on opportunity for problem solving.

It supports building the foundation of competence through the knowledge and skills required by the CIEH curriculum.

Fees and funding

A variety of scholarships are available. Please consult the University's postgraduate funding database:

www.birmingham.ac.uk/pgfunding

CAREERS

On completion of the MSc, students will need to undergo practical training in an approved organisation and complete their Portfolio of Professional Practice (PPP) to become a registered Environmental Health Practitioner. The Portfolio of Professional Practice (PPP) is a new CIEH assessment that forms part of the pathway to qualification as an Environmental Health Practitioner (EHP). The Portfolio is based upon the concepts of experiential learning and reflective practice and requires candidates to undertake a range of interventions, develop a range of skills and reflect upon their experiences.



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www.birmingham.ac.uk/environmental-health-msc



Public and Environmental Health Sciences

MSc

FACT FILE

Start date: September

Duration: 1 year full-time

Study mode: On campus

Fees for 2018/19: UK/EU – £9,000

full-time; International – £20,610 full-time

Entry requirements: 2:1 Honours degree in a science discipline

Course content

This programme is designed for international students wishing to advance their knowledge and develop their careers in public and environmental health. It provides opportunities to understand how to manage risks posed to public and environmental health and provide the necessary solutions.

This course provides the opportunity to explore the impacts that environmental health stressors (threats) have on the physical health and social wellbeing of individuals and communities. During the course, you will have the opportunity to go on field trips analysing specific commercial or industrial processes such as waste disposal areas, food processing factories and exhibition arenas.

The programme is accredited by the Chartered Institute of Environmental Health (CIEH) and runs in parallel to the Environmental Health MSc, covering CIEH core curriculum requirements.

The course is led by experienced Environmental Health Practitioners and supported by external lecturers who are recognised specialists in their fields. You will have the opportunity to be taught by and supported in your own research dissertations by the research scientists within the Division of Environmental Health and Risk Management.

Modules

Key modules include:

- Food Safety Control
- Occupational Health and Safety
- Environmental Protection and Climate Change
- Health Protection
- Public Health Integration
- Chemical and Biological Incident Management
- Dissertation

www.birmingham.ac.uk/pehs-mods

Assessment

Assessments are in the form of formal written examinations, group work presentations and research dissertations. The course is taught using formal lectures, workshops, group work, case studies, practical simulations, industrial/commercial visits, and student-centred learning. It supports building the foundation of competence through the knowledge and skills required by the CIEH.

Fees and funding

A variety of scholarships are available. Please consult the University's postgraduate funding database:

www.birmingham.ac.uk/pgfunding

CAREERS

The ethos of the course is to provide international students with the skills and knowledge to work within a range of organisations including national or local government, health services, commercial companies and private consultancies.



LEARN MORE

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Science of Occupational Health, Safety and the Environment

MSc/PGDip

FACT FILE

Start date: September

Duration: MSc 1 year full-time, 2 years part-time; PGDip: 1 year part-time

Study mode: On campus

Fees for 2018/19: UK/EU – £9,000 full-time, £4,500 part-time; International – £20,610 full-time

Entry requirements: 2:1 Honours degree in a relevant discipline

Course content

This programme is a collaborative endeavour with the Institute of Occupational and Environmental Medicine. It has been developed in recognition of the increasing demand from both industry and enforcement bodies to integrate occupational health, safety and environmental management issues.

The course aims to teach the science and practice of occupational health, safety and environmental control in the context of a team approach. The comprehensive syllabus recognises the importance of technical and practical skills as well as the need for good leadership and management skills, and critical thinking.

It is accredited by the Institution of Occupational Safety and Health and students will be eligible to apply for graduate-level membership on completion of the programme.

Modules

Compulsory modules include:

- Chemical and Biological Incident Management
- Environmental Protection and Climate Change
- Occupational Health and Hygiene
- Risk and Safety Management
- Safety Technology

MSc students also complete a Research Methods and Dissertation Module. Dissertations may be written up in the traditional format or as a research paper. Where appropriate, students are encouraged to publish their research in peer-reviewed journals, and also in accessible formats for policy-makers and practitioners.

www.birmingham.ac.uk/sohse-mods

Assessment

Assessments are in the form of formal written examinations, written assessment, presentations, reports, group work and research dissertations.

Fees and funding

A variety of scholarships are available. Please consult the University's postgraduate funding database:

www.birmingham.ac.uk/pgfunding

CAREERS

On completion of this course you will be able to identify hazards, evaluate risks, and suggest control measures in a range of situations. These skills are valued internationally by a range of employers including consultancies, commercial companies, government bodies and Non-Governmental Organisations.

LEARN MORE



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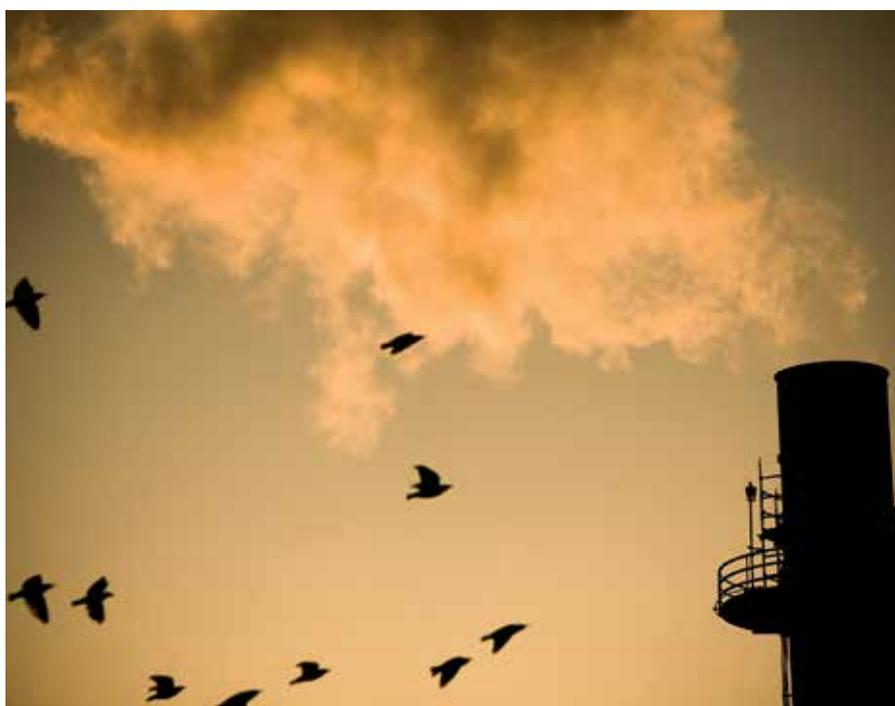
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www.birmingham.ac.uk/sohse-msc





Applied Meteorology and Climatology

MSc

FACT FILE

Start date: September

Duration: 1 year full-time

Study mode: On campus

Fees for 2018/19: UK/EU – £9,000 full-time, £4,500 part-time, International – £20,610 full-time

Entry requirements: 2:1 Honours degree in a relevant discipline (eg, Geography, Environmental Science, Mathematics, Engineering, Physics, Chemistry or Biology)

Course content

This programme provides comprehensive training in the understanding, modelling and prediction of atmospheric processes, as well as the collection, management, supply and application of atmospheric data for the needs of a variety of public and private sectors. The course also demonstrates how these create opportunities or pose problems for the successful operation of natural and human systems.

The course includes a wide range of topics from short-term weather forecasting to long-term climate predictions, and from theory to applications. It provides students with a set of comprehensive skills which provide the basis needed to work in many different areas related to meteorology and climatology.

The course is delivered by staff whose research areas cover complementary aspects of weather forecasting. The programme has been accredited by the Royal Meteorological Society to provide training for Chartered Meteorologists (CMet).

Modules

Compulsory taught modules offered include:

- Atmospheric Composition and Physics
- Atmospheric Dynamics
- Physical Climatology and Climate Change
- Weather Forecasting and Climate Modelling
- Atmospheric Data Processing and Statistics
- Meteorological Applications and Services

www.birmingham.ac.uk/amc-mods

Assessment

120 credits are assessed through taught modules, with the remaining 60 credits awarded following the successful completion of the independent project. A variety of assessment methods are used, including written coursework, case study reports, oral presentations and standard examinations. The independent research project is assessed through a written dissertation. A four-day work placement can be arranged for most students to gain hands-on experience in commercial weather forecasting environments or in climate research.

Fees and funding

A variety of scholarships are available. Please consult the University's postgraduate funding database: www.birmingham.ac.uk/pgfunding

CAREERS

Graduates from the course are employed in a wide range of areas, such as public and private weather forecasting, climate research, climate impact research, government agencies or consultancies. Approximately 20% of our graduates move on to PhD programmes at highly ranked universities.



LEARN MORE

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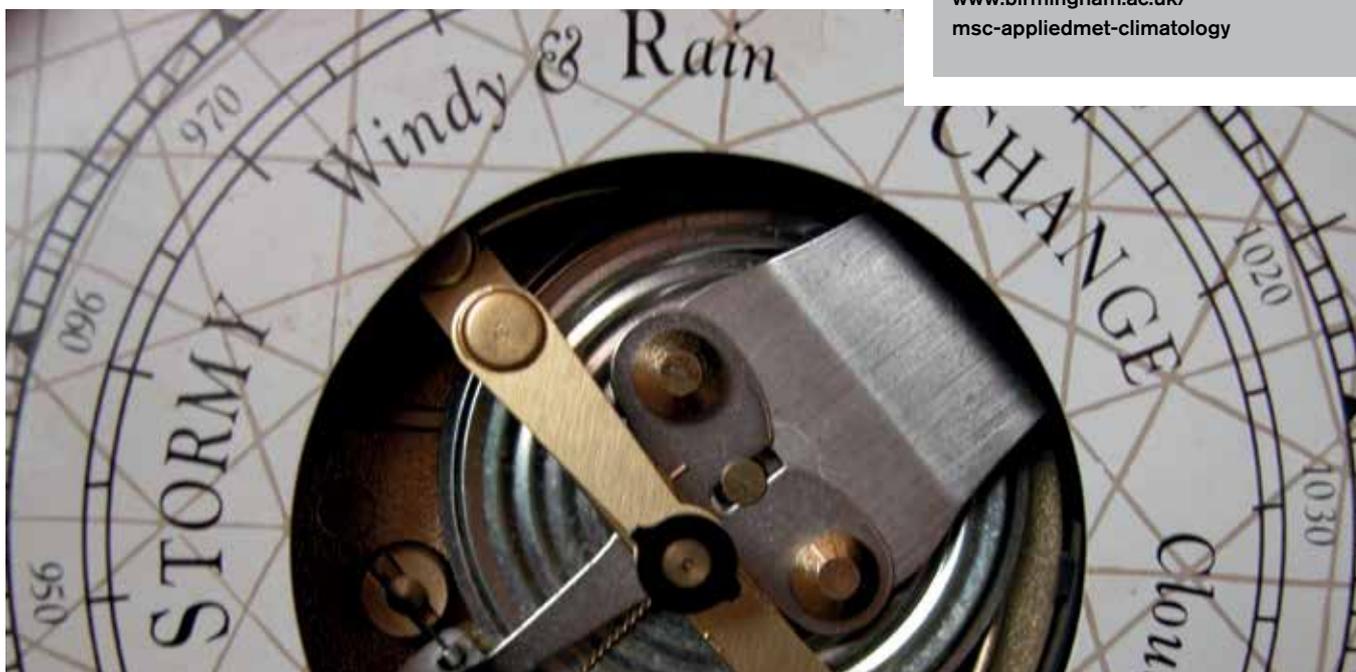
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[m-sc-appliedmet-climatology](http://www.birmingham.ac.uk/m-sc-appliedmet-climatology)



Research in Human Geography

MSc

FACT FILE

Start date: September

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

Study mode: On campus

Fees for 2018/19: UK/EU – £9,000 full-time, £4,500 part-time, International – £16,290 full-time

Entry requirements: 2:1 Honours degree in Geography or a related discipline

Course content

This programme combines expertise from Geography with Political Science, International Studies, Sociology and Social Policy; allowing you to gain a unique breadth of academic research, teaching and key transferable skills. In addition to exposing you to cutting-edge debates in urban, political economics and social geography, the programme provides research training in theoretical, philosophical and methodological issues relevant to human geography and social science research.

Modules

Compulsory modules offered include:

- Theoretical Themes for Geographers
- Doing Human Geography
- Social Research Methods I
- Social Research Methods II
- Dissertation

www.birmingham.ac.uk/hgmsc-mods

Assessment

Assessment formats include essays, presentations, a research proposal and a 12,000-word dissertation.

Fees and funding

A variety of scholarships are available. Please consult the University's postgraduate funding database:

www.birmingham.ac.uk/pgfunding



LEARN MORE

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www.birmingham.ac.uk/research-human-geography

CAREERS

Former students taking this Masters degree programme have developed successful academic, business and policy-based careers (for example, in policy development, international finance and accountancy, economic development and consultancy, journalism and market research for a range of

public, private and voluntary organisations). Other graduates of the course have continued to conduct PhD research in the School and elsewhere, such as Oxford. Given the increasing competition for graduate jobs, many students are now deciding to read for an MSc to enhance their CVs.

Masters-level research programmes

We also offer the following Masters-level research programmes:

- MRes Environmental and Biological Nanoscience
- Environmental Health and Risk Management MSc by Research
- Geography and Environmental Sciences MSc by Research
- MRes Research in Human Geography

For more information, please visit:

www.birmingham.ac.uk/pg-gees



River Environments and their Management

MSc

FACT FILE

Start date: September

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

Study mode: On campus

Fees for 2018/19: UK/EU – £9,000 full-time, £4,500 part-time, International – £20,610 full-time

Entry requirements: 2:1 Honours degree in a relevant discipline (eg, Geography, Engineering, Earth Science, Environmental Science, Agricultural Science, Water Management, Mathematics, Physics, Chemistry, Biology)

Course content

This MSc is designed for those interested in solving important environmental and societal questions, such as flooding and drought, river restoration and the effects of climate change. The course provides an excellent training in the theory and practice of water science, environmental engineering and water management, suitable for a career in research (universities, research organisations) or in industry (government, consultancy companies).

The programme provides you with an in-depth theoretical and practical understanding of the hydrological system. It examines the interactions between climate, hydrology, geomorphology, ecology, biogeochemical cycling, water and habitat quality and biodiversity within a river catchment context. It will give you the necessary skills for a career in the successful management of river environments, including approaches to rehabilitate and restore these globally threatened systems and methods to assess, model and predict the relation between water and people, now and in the future.

This is taught by a team of internationally leading water scientists at the University of Birmingham and developed with input from the water industry. A variety of teaching methods are used in the course, from lectures and discussion seminars, to laboratory work and computer modelling sessions. To link the theory to the outside world, excursions and fieldwork are a crucial part of many of our modules. Additionally, guest lectures and seminar speakers from international research institutions, the Centre for Ecology and Hydrology, the Environment Agency, consultancy companies and river trusts give the indispensable practitioners' perspective.

Modules

Taught modules offered include:

- Surface Water Hydrology
- Groundwater and Surface Water Interactions
- River Ecology
- Fluvial Geomorphology
- Biogeochemical Cycling
- Advances in Water Science
- Assessment and Monitoring of Rivers
- River Restoration
- Research and Management of Rivers
- Environmental Analysis and Modelling
- Spatial Data Analysis and GIS

www.birmingham.ac.uk/rem-mods

Assessment

Assessment is by written examination, reports, seminar presentations and essays on project work, and assignments. You will undertake an individual research project from May to September that is associated with exciting research projects in the School both in the UK and overseas, or with agencies, consultants or government bodies.

Fees and funding

A variety of scholarships are available. Please consult the University's postgraduate funding database:

www.birmingham.ac.uk/pgfunding

CAREERS

Past students have gone on to gain rapid employment in the water industry, both within the private sector and with local and national government bodies. Recent graduate destinations include the Environment Agency, Centre for Ecology and Hydrology, Amec Foster Wheeler, ARUP, JBA consulting, Jacobs, Atkins, Severn Trent Water, Royal Haskoning and WSP Parsons Brinckerhoff. Others have started a successful career in academia by doing a PhD at leading universities in the UK and abroad. Graduates find the course a great preparation for a scientific career. They are making an impact on the future understanding and management of river environments, which is essential for our future well-being.



LEARN MORE

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www.birmingham.ac.uk/river-environments



Urban and Regional Planning

MSc/PGDip

FACT FILE

Start date: September

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

Study mode: On campus

Fees for 2018/19: UK/EU – £9,000 full-time, £4,500 part-time, International – £18,450 full-time

Entry requirements: MSc: 2:1 Honours degree in a relevant discipline

PGDip: a degree or diploma in an appropriate field

Course content

The use of land and space is a hotly contested issue of fundamental importance to creating healthy communities and maintaining a good quality of life for local residents. Planners play a critical role in mediating between competing interests and building the foundations for equitable growth, sustainable environments and liveable communities.

Fully accredited by the Royal Town Planning Institute (RTPI), this programme is designed to develop students as reflective practitioners in the planning profession and related disciplines in the built environment, and can be studied either full or part-time. It is ideal for those who wish to gain a professional qualification that will enable them to pursue and build a career in spatial planning and related areas of regeneration, economic development, housing and transport.

Our students benefit hugely from the diversity of activity undertaken by the Centre for Urban and Regional Studies within the School of Geography, Earth and Environmental Sciences. Our extensive research and consultancy work ensures that our teaching is relevant, up-to-date and research-led, while losing none of its intellectual rigour.

Why Birmingham?

The city and University provide an ideal setting in which to undertake professional planning education. Our teaching programme features extensive engagement with planning, urban design and property professionals and includes hands-on project work around the city of Birmingham. We draw upon this dynamic and diverse city as an exciting 'urban laboratory' for developing creative solutions to contemporary planning changes facing urban areas in Britain and around the world.

Modules

The structure enables students to combine the core modules and material in spatial planning with a specialist focus in fields such as urban regeneration, community-based planning and real estate development. Students study eight core modules, plus one optional module and a dissertation of 15,000 words. An optional European city field trip is also offered.

Core modules offered include:

- The Planner in Contemporary Society
- Introduction to Spatial Planning
- Urban Property Development
- Sustainable Cities
- Place Making and Urban Design
- Integrated Planning Project
- Planning Methods and Techniques
- Dissertation

www.birmingham.ac.uk/urp-mods

Assessment

The programme places an emphasis on applied, real-world study, ensuring you gain those essential skills valued by employers, including group and project work, visual and oral presentations and report writing. The wide range of assessments include essays, professional reports, project-based work, reflective pieces, site appraisals, design briefs and development plan critiques.

Fees and funding

A variety of scholarships are available. Please consult the University's postgraduate funding database:

www.birmingham.ac.uk/pgfunding

CAREERS

This programme is ideal for students who wish to gain a professional qualification that will enable them to pursue and build a career in the fields of spatial planning and related areas of regeneration, economic development, housing, transport planning and urban design. It is well suited to graduates of first degree programmes in a related discipline who are interested in pursuing planning as a professional career. It is also ideal for current planning practitioners seeking an RTPI qualification.



LEARN MORE

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This leaflet was written several months in advance of the start of the academic year. It is intended to provide prospective students with a general picture of the programmes and courses offered by the School. Please note that not all programmes or all courses are offered every year. Also, because our research is constantly exploring new areas and directions of study some courses may be discontinued and new ones offered in their place.