

UNIVERSITY OF  
BIRMINGHAM

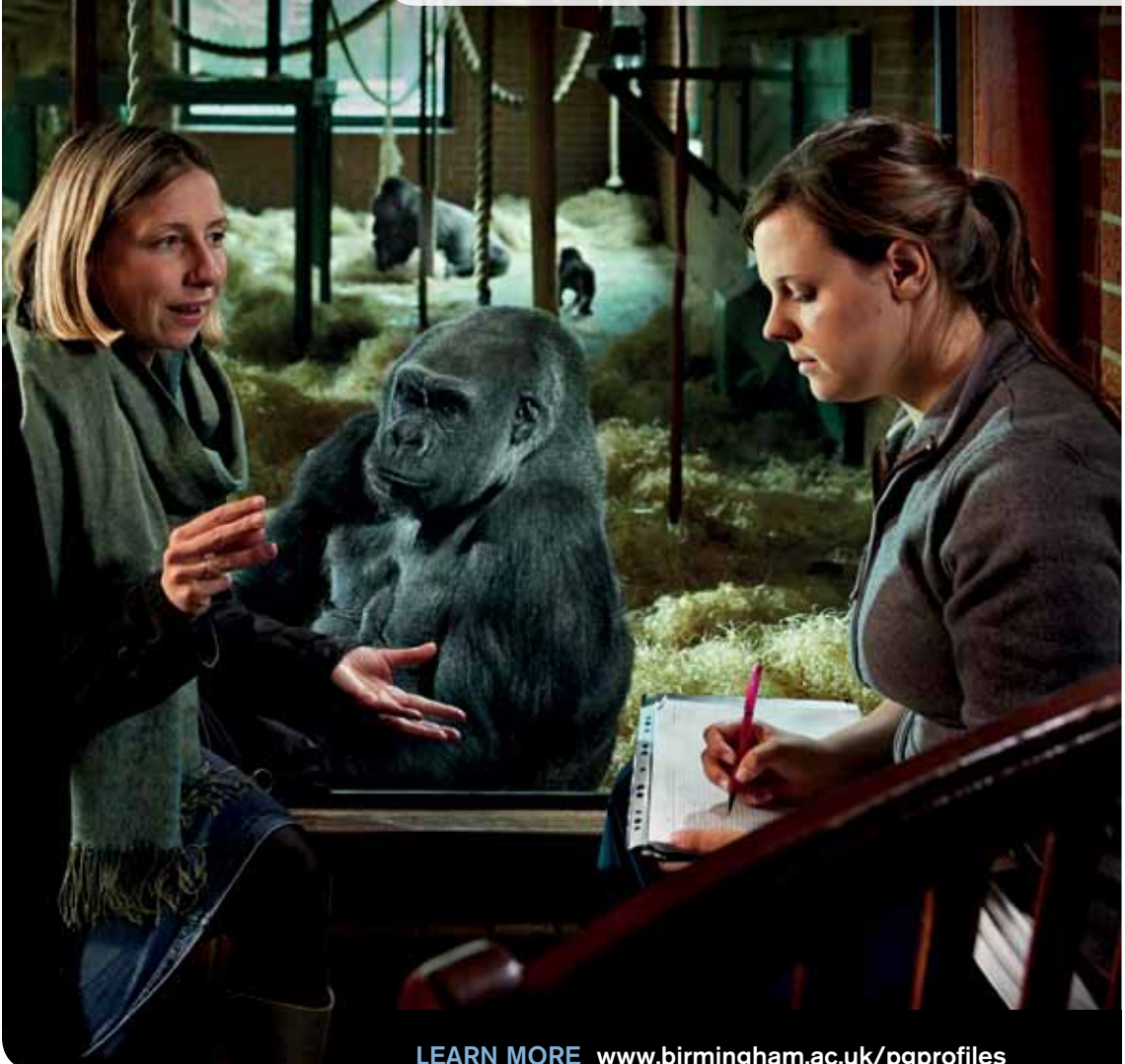
Stimulating  
intellectual  
curiosity  
since 1900



Postgraduate Prospectus  
2014 admissions

'I chose Birmingham because of the area of research that was being studied in Susannah's lab, which offered the chance to be right at the forefront of evolutionary research. Since starting at Birmingham I've found that the opportunities open to postgraduates are fantastic.'

**Emily Saunders**, PhD, School of Biosciences, pictured at Twycross Zoo with her supervisor Dr Susannah Thorpe, is working on gorilla locomotion with reference to understanding the evolution of human bipedalism.



LEARN MORE [www.birmingham.ac.uk/pgprofiles](http://www.birmingham.ac.uk/pgprofiles)

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# Welcome from the Vice-Chancellor



AT THE UNIVERSITY OF BIRMINGHAM WE OFFER AN **ELITE EDUCATION AND AN INSPIRATIONAL LEARNING AND RESEARCH ENVIRONMENT**. WHETHER YOU JOIN US ON ONE OF OUR TAUGHT POSTGRADUATE PROGRAMMES OR EMBARK ON DOCTORAL RESEARCH WITH US, WE VALUE YOU AS PART OF OUR ACADEMIC COMMUNITY AND WE ARE CONSTANTLY STRIVING TO DEVELOP THE SERVICES, FACILITIES, AND OPPORTUNITIES AVAILABLE TO YOU.

Our University Graduate School provides the best possible research and education environment – from dedicated postgraduate study rooms providing space for you to work, to events and training programmes to support your personal and professional development. We ensure that our teaching, learning, and research support is first class, enabling you to fulfil your potential. We share your ambitions, and want to ensure that your time at Birmingham secures your future success whether your career lies in academia, in business, in public service or in the professions.

At Birmingham our research record speaks for itself. The most recent UK research assessment exercise (RAE) rated 90% of our research activity as ‘world leading’ or ‘internationally excellent’. During 2012–13 academics at the University further built upon the record-breaking levels of research grant capture seen in 2011–12, with awards from the EU alone this year exceeding £28 million. Three of our colleges saw the highest award levels in their history, and we are proud to say that our College of Arts and Law now ranks second in the UK for AHRC awards. But our ambition means that we cannot afford to rest on our laurels: we continue to appoint outstanding new academic talent in a wide range of disciplines, we are investing in substantial new research programmes, we are building new national and international research collaborations, and we are further developing our ability to offer flexible modes of study to suit your needs.

We are a truly global university: not only are we home to over 5,000 international students from over 150 countries, but our representative offices and staff in India, China, Nigeria, Brazil, the United States, and Brussels in mainland Europe, as well as our membership of the U21 global network, ensures that the University is well connected and measures its success against the highest international standards.

At Birmingham you will benefit from the experience of over a century of academic success, the UK’s most striking and beautiful campus, an academic reputation for innovative research focused on the world’s greatest challenges, and a proven record of ensuring our students receive a high-quality education. What makes Birmingham stand out today is our commitment to and investment in even greater success in our second century, and the impact that our graduates and research will make around the world.

Professor David Eastwood  
Vice-Chancellor





# Our academic disciplines

BIRMINGHAM HAS BEEN CHALLENGING AND DEVELOPING GREAT MINDS FOR MORE THAN A CENTURY. WE ENCOURAGE OUR STUDENTS TO **CHOOSE A FIELD OF STUDY ABOUT WHICH THEY ARE PASSIONATE**, TO PUSH FORWARD THE BOUNDARIES OF KNOWLEDGE AND MAKE AN IMPACT ON PEOPLE'S LIVES.

Our academic disciplines are organised into five colleges, each of which is divided into a number of schools and departments. Details of the subject areas offered by each college are given opposite.

Pages 49–276 of this prospectus contain detailed information about all of our postgraduate courses. The study options available for each course and any specific entry requirements are given in a table at the start of each discipline's programme listings. There are also contact details and web addresses to help you find out more. Guidance on how to make your application can be found on pages 24–25.

Pages 10–48 give an introduction to the types of programme available, details of fees and applying and a flavour of what it is like to be a postgraduate student here. Quotes from current and past postgraduates offer first-hand accounts of what they think about the University.

Pages 277–295 give details of opportunities to visit the University and how to find us.

## Arts and Law

**Programmes in:**

- African Studies and Anthropology
- American and Canadian Studies
- Art History, Film and Visual Studies
- Byzantine, Ottoman and Modern Greek Studies
- Classics, Ancient History and Archaeology
- Drama and Theatre Arts
- English, including Shakespeare Studies
- History and Cultural Heritage
- Law
- Modern Languages
- Music
- Philosophy
- Theology and Religion

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## Engineering and Physical Sciences

**Programmes in:**

- Chemical Engineering
- Chemistry
- Civil Engineering
- Computer Science
- Electronic, Electrical and Computer Engineering
- Mathematics
- Mechanical Engineering
- Metallurgy and Materials
- Physics and Astronomy

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## Life and Environmental Sciences

### Programmes in:

Biosciences  
 Earth Sciences  
 Environmental Health and Risk Management  
 Geography and Environmental Sciences  
 Psychology  
 Sport, Exercise and Rehabilitation Sciences

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## Medical and Dental Sciences

### Programmes in:

Cancer Sciences  
 Clinical and Experimental Medicine  
 Dentistry  
 Health and Population Sciences  
 Immunity and Infection

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## Social Sciences

### Programmes in:

Business, including Accounting and Finance, Economics, Management and Marketing  
 Education  
 German Studies  
 Health Services Management  
 International Development  
 Local Government Studies  
 Political Science and International Studies  
 Russian and East European Studies  
 Social Policy and Applied Social Studies  
 Sociology

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### Contact us

We want you to make the right decision. Each programme entry contains a contact email address. Use this if you have queries about the nature of the course or its entry requirements.

If you are a prospective PhD student (doctoral researcher) or an international student then we have specialist advisors who can help you with your application and provide general information about the University. You can also contact our Admissions and Recruitment teams for further information and guidance. Whatever your query, we are here to help you at every step of the way.



‘Before applying for my PhD, I contacted the Doctoral Research Enquiry Service for help and advice. The doctoral researcher who answered my queries provided me with plenty of useful information that really helped me to make up my mind about starting the PhD at Birmingham.’

*Rebeca Cubas, PhD, Department of English*

### Main University Switchboard

Tel: +44 (0)121 414 3344

By telephoning this number, you can be transferred to any school or department within the University.

### Admissions

Email: [admissions@bham.ac.uk](mailto:admissions@bham.ac.uk)

Tel: +44 (0)121 415 8900

### Postgraduate Recruitment

Email: [postgraduate@contacts.bham.ac.uk](mailto:postgraduate@contacts.bham.ac.uk)

Tel: +44 (0)121 414 7913

### International Recruitment

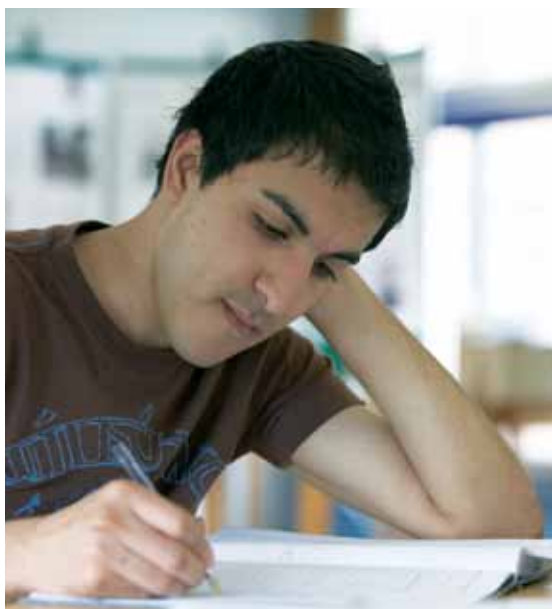
Email: [international@bham.ac.uk](mailto:international@bham.ac.uk)

Tel: +44 (0)121 414 3694

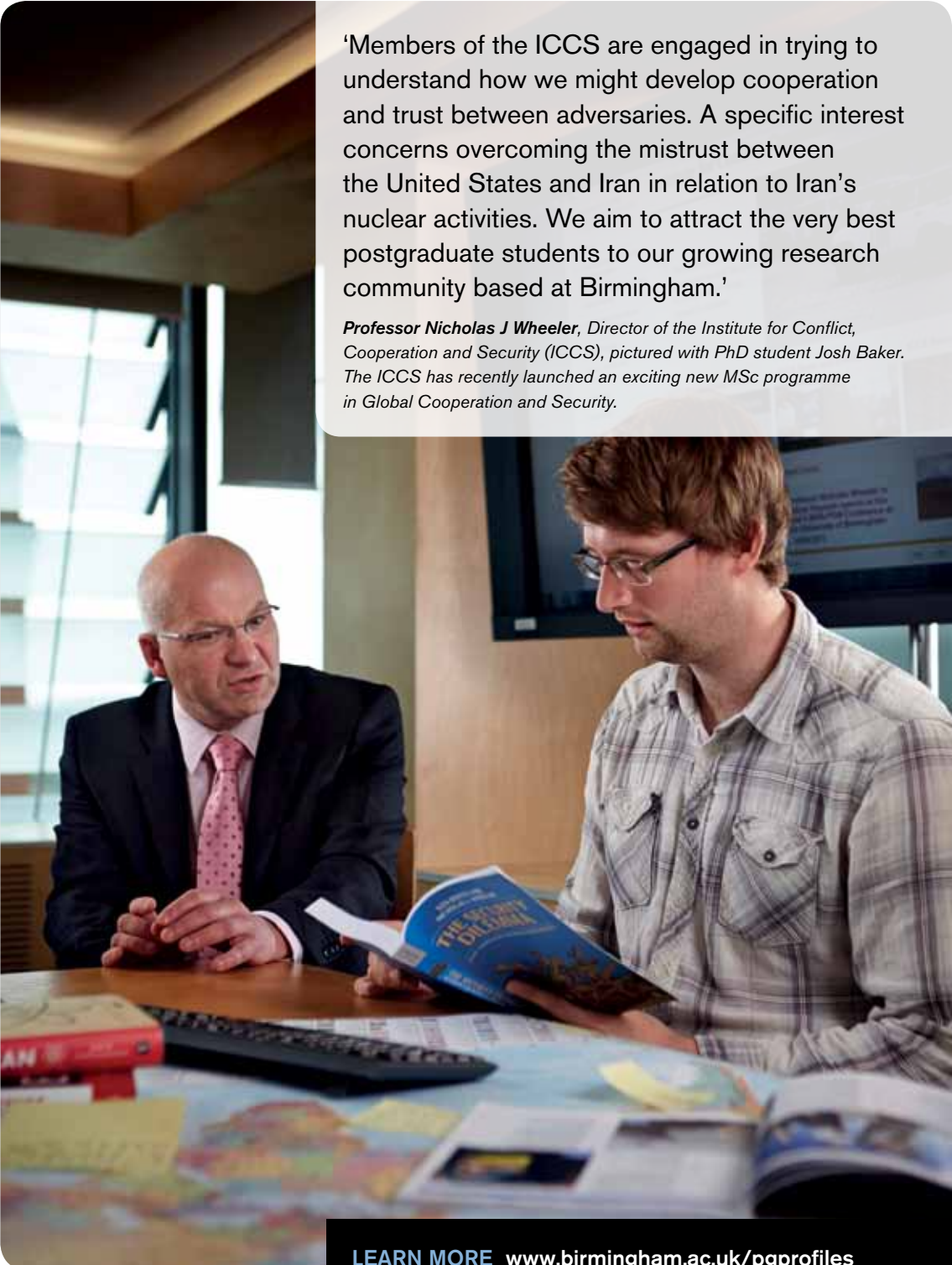
### Doctoral ReSEARCHer Enquiry Service

Email: [dr@contacts.bham.ac.uk](mailto:dr@contacts.bham.ac.uk)

Tel: +44 (0)121 414 5005







‘Members of the ICCS are engaged in trying to understand how we might develop cooperation and trust between adversaries. A specific interest concerns overcoming the mistrust between the United States and Iran in relation to Iran’s nuclear activities. We aim to attract the very best postgraduate students to our growing research community based at Birmingham.’

**Professor Nicholas J Wheeler**, *Director of the Institute for Conflict, Cooperation and Security (ICCS), pictured with PhD student Josh Baker. The ICCS has recently launched an exciting new MSc programme in Global Cooperation and Security.*

**LEARN MORE** [www.birmingham.ac.uk/pgprofiles](http://www.birmingham.ac.uk/pgprofiles)

# Which programme is right for you?

IF YOU ARE CONSIDERING POSTGRADUATE STUDY THEN YOU WILL NEED TO DECIDE WHICH PROGRAMME OPTION **BEST SUITS YOUR NEEDS.**

## Taught or research?

The postgraduate experience can vary greatly depending on the type of degree programme that you choose. If you wish to further your knowledge of a subject, to prepare for a research degree, to gain a vocational qualification or to make a fresh start in a subject that is new to you, then you may like to consider one of our taught Masters courses, such as the MA or MSc.

A combined research-and-taught Masters, such as the MRes, will provide you with both taught modules to increase your knowledge of a subject and the opportunity to complete a research thesis with the appropriate training and supervision. They are often taken as a stepping stone to doctoral study.

A research Masters, such as the MSc by Research, is a good way to investigate a topic from your undergraduate study in greater depth, to prove your capacity for undertaking research and/or to demonstrate your suitability to progress to a doctoral degree.

Doctoral degrees, such as the PhD, are the highest level of academic qualification. They allow you to prove yourself to be someone capable of conducting original research and making a contribution to a field of knowledge. As a postgraduate researcher you will usually contribute to the research life of your department by presenting papers at seminars and conferences. Doctoral researchers often teach undergraduate classes during their degree programme.

All our research programmes include research skills training to give you the tools that you need to carry out your investigation of your topic.

Details of each type of degree programme are given on the following pages (12–17).

## Full time or part time?

While full-time study is the more common way to undertake a postgraduate degree, many of our postgraduates find that for professional, familial or financial reasons they prefer to take their degree course on a part-time basis and some courses cater for this.

Please note that due to visa restrictions international students (from non-EU/EEA countries) are normally only eligible for full-time study (unless undertaking a programme by distance learning).

## Distance learning?

If you have commitments that do not allow you to study via the standard on-campus mode, then you may like to consider applying for a distance learning programme (a mode of study which is sometimes also referred to as distance education). The main advantage of studying by distance learning is its flexibility. You can study at home, in your own time and at your own pace, so you can combine achieving a qualification with work or family commitments.



'I have recently submitted my PhD having spent the last three years investigating the impacts of climate change, particularly precipitation, on the UK road network. Most days I spend time in the Geography building carrying out my research, which involves looking at large sets of data, identifying relationships through statistical analysis and creating a number of models. I am based in an office with other postgraduates and we have a lively postgraduate community here at Birmingham so there is always lots to do. There are a number of seminar series in the department where it's great to learn about all the other research which is going on. I meet my supervisors on a regular basis, usually

once a month, but sometimes more often depending on the piece of work I am doing. In between meetings I usually send them emails or drop by their office if I have any problems.

'During my PhD I have also taught in the department, presented at conferences and published a number of papers. These have all been great opportunities for me to develop skills and gain experience for the future. I was also fortunate to have the opportunity to attend the Climate KIC Summer School, spending six weeks in Paris, London and Zurich which was a great experience and a fantastic opportunity to meet other researchers.'

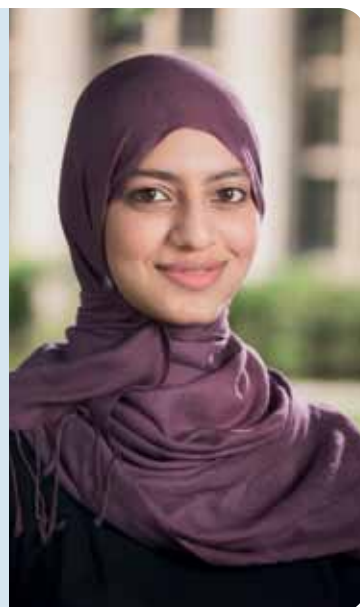
*Elizabeth Hooper, PhD, School of Geography, Earth and Environmental Sciences*

'Being a taught postgraduate student involves much more independence than being an undergraduate. Although the course is still structured, there is much more scope for independent learning which provides a great opportunity for developing new ideas and study skills. Each semester we study three modules which we choose at the beginning of the year. To help choose our modules we are provided with lots of information and course outlines. We also have the opportunity to ask module leaders detailed questions about the programme in person or by email.

'Outside my classes I study in the University libraries and use the communal

computer room in the Law School. During my studies I have also had the opportunity to be involved in the organisation of a conference for the Graduate Centre for Europe. My role as a committee member gave me an insight into the academic conference process from beginning to end. I was also given the opportunity to be an editor for the Centre's academic journal, *The Birmingham Journal for Europe*. This proved to be an invaluable experience as I developed my feedback and evaluation skills. I really enjoy being a student here as the large number of postgraduates creates a dynamic learning environment.'

*Zainab Naqvi, LLM (General), Birmingham Law School*



# Taught programmes

THESE PROGRAMMES ARE ASSESSED BY A COMBINATION OF COURSEWORK, EXAMINATION AND DISSERTATION.

Our taught programmes lead to the following qualifications:

- Master of Arts (MA)
- Master of Science (MSc)
- Master of Laws (LLM)
- Master of Education (MEd)
- Master of Public Health (MPH)
- Master of Business Administration (MBA)
- Postgraduate Diploma (PGDip)
- Postgraduate Certificate (PGCert)

All of our degrees are set within a credit framework designed to measure your academic achievements. We expect all students to accumulate 180 credits in each full year of study on a Masters-level course, which is equivalent to 40 hours' learning a week. Credits are acquired by taking a number of compulsory and optional modules.

Level of study	England/Wales/ Northern Ireland credits	European Credit Transfer and Accumulation System (ECTS) credits
Masters	180	90
Postgraduate Diploma	120	60
Postgraduate Certificate	60	30



## Master of Arts/Science/Laws (MA/MSc/LLM)

These taught programmes are normally one year in duration if studied on a full-time basis, or two years if taken part time. They comprise 180 credits. For most Masters programmes you need a good degree (usually a 2:1), or an equivalent qualification, in a relevant subject.

## Master of Education (MEd)

The MEd qualification is restricted to qualified and experienced teachers, but is otherwise similar in structure and duration to MA/MSc/LLM programmes.

## Master of Public Health (MPH)

This is a modular 180-credit programme in Public Health. It can be studied full time, part time or by flexible learning.



'I started an MSc in Marketing having completed a BSc in Biological Sciences. While I loved my undergraduate course, I quickly came to realise that a career in biology research wasn't for me. I chose Birmingham for my MSc because the University has an excellent reputation and the course offered was varied enough for me to gain an initial understanding of the subject.'

By making the switch to Marketing, I have been able to apply the skills I had learnt during my undergraduate studies to a completely different subject. Changing disciplines was initially quite daunting but I settled in quickly, made great friends, had excellent support from staff and ultimately gained a lot of knowledge and practical skills during my time here.'

*Emily Yeung, MSc Marketing, Birmingham Business School*

### Master of Business Administration (MBA)

We offer a suite of high-quality MBA programmes in a variety of flexible formats. The MBA can be studied as a 12-month intensive full-time programme, or alternatively you can choose to study preliminary courses that can extend the programme duration to 21 or 24 months. It can also be studied part time over two to four years, delivered in intensive blocks.

### Postgraduate Diploma/Certificate (PGDip/PGCert)

These courses are usually nine months or less in duration and can be studied on a full-time, part-time or modular basis. Some programmes have additional requirements such as relevant work experience. The Postgraduate Diploma generally comprises 120 credits and the Certificate is usually worth 60 credits.



### Other study options

#### Distance learning

If you are unable to study on campus we offer a range of programmes through distance learning, which you can study providing that you have regular access to a computer with an internet connection. With most learning materials online, you will have access to our libraries along with a vast collection of e-resources. Programmes that have a distance learning option are marked with the letters 'DL' in this prospectus. Further information can be found at:

[www.birmingham.ac.uk/distancelearning](http://www.birmingham.ac.uk/distancelearning)

#### Continuing professional development (CPD)

We offer a range of study options that provide flexibility for employees and employers to meet real business and career needs. All of our CPD courses are designed to reflect work-based practice, while also benefiting from our internationally significant research. Many of our courses are accredited by professional bodies and count towards CPD portfolios.

#### Conversion courses

Upon completion of their undergraduate studies, some graduates realise that the career path that they had previously chosen is no longer the way that they want to go. We have a number of postgraduate opportunities for graduates where no prior knowledge of the subject area is expected. These include:

- MSc Computer Science
- MSc Health Economics and Health Policy
- MSc Marketing
- MSc International Business
- MSc Human Resource Management
- MA Social Research
- MSc International Development (with pathways)

See the Change Direction page of our website for more information: [www.birmingham.ac.uk/changedirection](http://www.birmingham.ac.uk/changedirection)



# Research programmes

THESE PROGRAMMES INVOLVE THE COMPLETION OF ORIGINAL ACADEMIC RESEARCH. THEY ALSO INCLUDE RESEARCH SKILLS TRAINING THAT WILL EQUIP YOU TO **BECOME AN INDEPENDENT RESEARCHER CAPABLE OF ADVANCING KNOWLEDGE IN YOUR FIELD.**

Our Masters-level research programmes are:

- Master of Arts by Research (MA by Research)
- Master of Science by Research (MSc by Research)
- Magister Juris (MJur)
- Master of Philosophy (MPhil)
- Master of Research (MRes)\*

Our doctoral research programmes are:

- Doctor of Philosophy (PhD)
- Doctor of Philosophy (PhD) with Integrated Study\*
- Doctor of Engineering (EngD)\*
- Doctor of Dental Surgery (DDS)\*
- Doctor of Medicine (MD)\*
- Doctor of Education (EdD)\*
- Doctor of Pharmacy (DPharm)\*
- Doctor of Social Science (SocScD)\*
- Doctor of Clinical Psychology (ClinPsyD)\*
- Forensic Psychology Practice Doctorate (ForenPsyD)\*
- Doctor of Applied Educational and Child Psychology (AppEd and ChildPsyD)\*
- Doctor of Practical Theology (DPT)\*

\*These courses include taught components, details of which (when applicable) can be found in the programme pages of this prospectus.

## Master of Arts/Science by Research (MA by Research/MSc by Research)

These research-only Masters programmes are normally one year in duration if studied on a full-time basis, or two years if taken part time. They comprise 180 credits. They involve the investigation and evaluation of an approved research project and the presentation of a research thesis. As with doctoral study, you will receive supervision by one or more members of academic staff. For most Masters programmes you need a good degree (usually a 2:1), or an equivalent qualification, in a relevant subject. Your thesis is usually required to be around 40,000 words in length depending on your subject area.

## Magister Juris (MJur)

This research-only Masters programme in Law is similar in assessment and duration to the MA by Research. It requires you to research and write a 40,000-word thesis under the supervision of a member of academic staff.

## Master of Philosophy (MPhil)

This research-only Masters programme lasts two years if studied on a full-time basis, or four years if taken part time. It involves the investigation and evaluation of an approved research project and the presentation of a research thesis. As with doctoral study, you will receive supervision by one or more members of academic staff. Your thesis is usually required to be around 60,000 words in length depending on your subject area.

'My research project is a collaboration between Aston Villa Football Club Academy and the University of Birmingham. Being able to take everything I learnt as an undergraduate and apply it in a practical setting has made me understand my subject a lot more clearly and has increased my employability.'

**Laura Bowen**, PhD, School of Sport, Exercise and Rehabilitation Sciences, pictured with her supervisor Dr François-Xavier Li at Aston Villa's Bodmoor Heath Training Ground.



**LEARN MORE** [www.birmingham.ac.uk/pgprofiles](http://www.birmingham.ac.uk/pgprofiles)



### Master of Research (MRes)

This programme, which combines research and taught elements, is normally one year in duration if studied on a full-time basis, or two years if taken part time. It requires the production of a thesis of between 15,000 and 20,000 words on a specific research topic. Providing a structured study programme offering a broad range of training, the MRes is an ideal stepping stone to a PhD programme.

### Doctor of Philosophy (PhD)

The PhD is normally a three-year (full time) or six-year (part time) research-only degree and may include the equivalent of up to 120 credits of research training spread over a notional 540 credits for the three years of the programme. Working closely with the support and guidance of a supervisor you will produce a thesis, which at PhD level is a work of original scholarship worthy of publication in a learned journal. Your thesis is usually required to be between 50,000 and 80,000 words in length depending on your subject area.



### Doctor of Philosophy (PhD) with Integrated Study

This four-year programme (also known as the New Route PhD), combines the traditional PhD research with a range of skills- and subject-focused taught modules comprising a maximum of 180 credits.

### Doctor of Engineering (EngD)

This programme, usually lasting four years, integrates research with taught postgraduate work comprising a maximum of 180 credits.



### Doctor of Medicine (MD)

This part-time programme, usually lasting two years, may include taught postgraduate work comprising a maximum of 180 credits.

### Professional doctorates (DPharm, EdD, SocScD, ClinPsyD, ForenPsyD, AppEd and ChildPsyD, DPT)

Usually spread over three years, these programmes comprise research-related work and subject-focused taught modules and/or professional practice with research, within a programme of 540 credits. You are assessed by a combination of written examinations and/or project reports, dissertation or thesis.



'I am undertaking a Universitas 21 Joint PhD under the co-supervision of Professor Wiebke Arlt at Birmingham and Professor Richard Sinnott at the University of Melbourne. It is proving a fantastic opportunity that will really open doors for me.'

**Stephan Gloeckner**, PhD, School of Clinical and Experimental Medicine.

**LEARN MORE** [www.birmingham.ac.uk/pgprofiles](http://www.birmingham.ac.uk/pgprofiles)

The programme comprises a maximum 180 credits of taught modules.

### Flexible PhD study options

In some circumstances, more flexible modes of study for the degree of PhD may be available, such as PhDs awarded jointly with other institutions, for example through Joint Universitas 21 PhDs, and PhD by distance learning or split-location study.

### Universitas 21 Joint PhDs

Universitas 21 (U21) has established a unique framework for jointly awarded PhDs. Under this scheme, two partner universities create a tailor-made programme of study for the doctoral researcher, taking their specific research needs into account and enabling collaboration with another U21 university. Each institution will allocate the doctoral researcher a minimum of one supervisor with whom they will have actual or virtual joint meetings, and they will enjoy access to the same facilities as other doctoral researchers enrolled at that institution.

For a list of participating institutions and to find out more please visit: [www.birmingham.ac.uk/Universitas21](http://www.birmingham.ac.uk/Universitas21)

### Distance learning

If you are unable to study on campus we offer a range of programmes through distance learning (also referred to as distance education in some subject areas), which you can study provided that you have regular access to a computer with an internet connection. Supervisory sessions take place via audio and visual communication services, such as Skype or Facetime, rather than in person. With most learning materials online, you will have access to our libraries along with a vast collection of e-resources. Further information can be found at: [www.birmingham.ac.uk/distancelearning](http://www.birmingham.ac.uk/distancelearning)

### Split-location registration

For some doctoral programmes, split-location registration is an option available for competent, disciplined and well motivated overseas students who are unable to live full time in Birmingham. It lasts between four and six years, depending on individual circumstances, and involves a reduction in the normal overseas fee. The majority of the registration period is spent either in the student's country of residence or another country, with shorter periods at the University of Birmingham. Please contact the admissions tutor for your department to discuss this option.

# Fees

THE UNIVERSITY CHARGES AN ANNUAL TUITION FEE.  
THIS **COVERS THE COST** OF YOUR TUITION, EXAMINATION  
AND GRADUATION, AND INCLUDES MEMBERSHIP OF THE  
GUILD OF STUDENTS.

Tuition fees vary depending on the course you choose and whether you are a home (UK/EU) or international student. Details of the tuition fees for the 2014–15 academic session are given in the programme snapshot at the start of each School's section. Tuition fees are correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated in this prospectus (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)

## Annual fees

The annual tuition fee is set for a 12-month session, which usually runs from October to the end of the following September. For research programmes that begin and/or end mid-session, fees are normally charged on a pro rata basis according to the number of months studied within a session. For example, if you are on a 15-month research programme beginning in October 2014, you pay the annual tuition fee in the 2014–15 session, and a further three-twelfths of the tuition fee for 2015–16 from October to December. Part-time students should be aware that the annual fee for their programme will be set at the start of each academic year and may increase over the duration of their studies.

## Payment methods

You may pay your fees in full prior to, or upon, registration. Alternatively, you may make monthly or termly instalment

payments using the University direct debit scheme from a UK bank account. For more information on the payment options available, please visit: [www.birmingham.ac.uk/payments](http://www.birmingham.ac.uk/payments)

## Other costs

Some departments may levy a bench or extra fee in addition to the tuition fee. You will be notified of any additional fee with your offer of admission.

Doctoral research students who choose (or are required) to register beyond the minimum period required for their degree pay the full tuition fee for that period. If your normal period of registration has ended but you have yet to submit your thesis, you are liable to pay a continuation fee (£180 in 2013–14).

You are also expected to meet the costs of printing and binding your thesis in accordance with University requirements. This might be in the region of £300 for a doctoral degree.

Remember that tuition fees do not cover living costs such as accommodation, living expenses and the cost of books and (for some programmes) equipment. A guide to typical living costs is provided in the table opposite.



For the most up-to-date fees information please visit:  
[www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)



### How your living expenses might break down over a 42-week academic session

	University accommodation	Privately rented shared house
Rent (indicative)	£154 per week	£80 per week
Deposit	None	£7 per week (refundable)
Gas/electricity	Included in rent	£8 per week
Water rates	Included in rent	£3 per week
Food/toiletries	£40 per week	£40 per week
Books, printing, etc	£15 per week	£15 per week
Insurance (indicative)	Included in rent	£2 per week
Clothes	£15 per week	£15 per week
Leisure	£50 per week	£50 per week
Travel	£20 per week	£20 per week
TV licence	£3 per week	£3 per week
Phone	£10 per week	£10 per week
Internet	Included in rent	£4 per week
Total cost per week	£307	£257
Total for the academic year*	£12,894	£10,794

#### Fee status

The fees that you pay depend on whether you are classed as a home (UK/EU) or overseas (international) student for fees purposes. The criteria for definition are set by the British government. We will normally be able to assess your fee status from the information you provide in your application form. In complex cases where we require further information we will ask you to complete a fee status questionnaire to enable us to reach a decision.

Up-to-date information on fee status, including the criteria for assessing students as home or overseas for fee purposes can be found on the UKCISA website: [www.ukcisa.org.uk](http://www.ukcisa.org.uk)

#### Concerned about your fee status?

If you are concerned about your fee status at the time of application please consult the UKCISA website or contact Admissions: [admissions@bham.ac.uk](mailto:admissions@bham.ac.uk)

\* These figures do not include your expenditure over the summer vacation (approximately ten weeks). You will incur additional expenditure during this time that include at least ten weeks' rent if you have a 52-week contract in private rented accommodation.

# Funding

THERE ARE **MANY WAYS TO FINANCE YOUR POSTGRADUATE STUDY**. HERE WE TAKE YOU THROUGH WHAT IS AVAILABLE TO HELP FUND POSTGRADUATE DEGREES AT BIRMINGHAM.

Postgraduate programmes are not funded in the same way as undergraduate study. You cannot, for example, apply for a student loan. There are, however, a number of sources of finance open to postgraduate students. These include grants, scholarships and studentships from research councils, government departments, business and industry, and charities. You should be aware, however, that competition for these awards will be intense. Part-time work opportunities available through the University can also provide a source of income.

The main sources of funding for postgraduate students are listed on the following pages. For more detailed information please search our online database of postgraduate funding opportunities: [www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

## University scholarships

The University offers a number of centrally managed scholarships. All of the awards are tenable for one year only and, subject to available funds, will cover the UK/EU rate of postgraduate tuition fee in addition to offering a maintenance stipend set at research council rates. Applications cannot be made directly for these awards as candidates must be nominated by their school or department. If you are interested in applying then please let your admissions tutor know. Nominations are open from mid-March and close at the end of May.

## College scholarships

Each of the University's five colleges and many of the individual schools and departments offer their own scholarships and awards. The majority of these scholarships offer help towards fees, although some may also contribute towards living costs. Competition for these scholarships is mainly based around academic performance, and the number of scholarships offered varies from year to year. Details of these can be found in the online database.

## International scholarships

To reward outstanding achievement and to attract students of the highest calibre from around the world, the University of Birmingham is pleased to offer a number of international scholarships. See the online database for details.

## Research councils

There are seven grant-awarding research councils that offer financial support for a range of academic disciplines. Competition for research council funding is fierce as the awards provide cover for both fees and maintenance (though applicants from EU countries other than the UK may only apply for assistance with fees).



**The University of Birmingham is offering over £20 million in funding** to enable the most talented postgraduate students from across the world to realise their potential with us.

**[www.birmingham.ac.uk/funding](http://www.birmingham.ac.uk/funding)**

The University Graduate School has a dedicated team of student administration officers who will be able to offer you further information and advice on applying for research council funding. You can contact them via telephone on +44 (0)121 414 6376 or email them at: [graduateschool@contacts.bham.ac.uk](mailto:graduateschool@contacts.bham.ac.uk)

### Funded PhD positions

Some departments have funded PhD projects available. You can search for an advertised postgraduate research opportunity via our Doctoral Researcher search engine which lists all current PhD projects and funding availability: [www.birmingham.ac.uk/dr](http://www.birmingham.ac.uk/dr)

### Statutory funding

UK postgraduates may qualify for government funding to cover tuition fees in the following areas:

- Teaching
- Social work
- Nursing (taught programmes)

Learn more

[www.direct.gov.uk/studentfinance](http://www.direct.gov.uk/studentfinance)  
[www.nhsbsa.nhs.uk/students](http://www.nhsbsa.nhs.uk/students)

### Charities

Some charities, trusts and foundations offer funds to students who are undertaking particular routes of study and research. The University has subscribed to *The Alternative Guide to Postgraduate Funding*, which details how to find and apply to alternative sources of funding, including charities and trusts. To receive this guide you will need to subscribe to the University's postgraduate mailing list via: [www.birmingham.ac.uk/pginterest](http://www.birmingham.ac.uk/pginterest)

### Loans

A popular means of funding postgraduate study is by taking out a private loan. There are a number of loans available, typically with a repayment programme that does not take effect until after graduation. International students need to apply to their country of origin for educational loans.

Learn more

[www.birmingham.ac.uk/pgloans](http://www.birmingham.ac.uk/pgloans)

### Earning while you learn

Part-time work can provide a welcome additional source of income while also broadening your experience and enhancing your transferable skills. The opportunities available to our postgraduates include:

- Paid teaching on undergraduate programmes for some research students
- The Job Zone and Worklink, both based in the Guild of Students, can help you find part-time employment: [www.guildofstudents.com/jobzone](http://www.guildofstudents.com/jobzone)
- The student mentor scheme provides a limited number of places for postgraduate students to gain income by providing help and support to other students in University accommodation: [www.guildofstudents.com/studentmentors](http://www.guildofstudents.com/studentmentors)
- The University also regularly employs postgraduate students to support its recruitment activities through the Postgraduate Ambassador Scheme. For more information email: [dr@contacts.bham.ac.uk](mailto:dr@contacts.bham.ac.uk)

More detailed information on funding opportunities for postgraduate students can be obtained from our booklet *Sources of Finance 2014: A Guide for Postgraduate Students*. To obtain a copy please contact the Distribution Centre: [distribution@bham.ac.uk](mailto:distribution@bham.ac.uk)

# Entry requirements

WE WELCOME APPLICATIONS FROM ACADEMICALLY QUALIFIED STUDENTS FROM **ALL OVER THE WORLD.**

To gain a place at the University you will need to meet our general entry requirements and the specific entry requirements for your chosen course. Your application will be reviewed by the admissions tutor for your course, who will decide whether your application should receive an offer for a place to study at the University.

Specific entry requirements for individual courses can be found in the programme pages of this prospectus and online via our Course finder: [www.birmingham.ac.uk/students/courses](http://www.birmingham.ac.uk/students/courses)

Entry to our postgraduate programmes usually requires a good (normally a 2:1 or above) Honours degree, or an equivalent qualification if you were educated outside the UK. If you are applying for a PhD then you may also need to hold a good Masters qualification. Any academic and professional qualifications or relevant professional experience you may have are normally taken into account, and in some cases form an integral part of the entrance requirements. If your qualifications are non-standard or different from the entry requirements stated in this prospectus, please contact the relevant school or department to discuss whether your application would be considered.

Please be aware that entry to many programmes is highly competitive – consequently we also consider your skills, attributes, motivation and potential for success when deciding whether to make an offer. After we have received your application you may be invited for an interview, either in person or by Skype.

## Overseas qualifications

We welcome applications from candidates with a range of overseas qualifications. As well as achieving appropriate grades in your examinations, you will also need to submit official transcripts of your qualifications (certified copies or original documents), showing the subjects and grades obtained and translated into English if they are in another language.

For specific information on the qualifications from your home country that meet the University's minimum requirements please visit: [www.birmingham.ac.uk/country](http://www.birmingham.ac.uk/country)

## English language requirements

If your first language is not English then you will need to demonstrate that you have a high level of written and spoken English. If you have an IELTS, TOEFL or PTE Academic qualification, the table opposite will tell you what grades you need.



Academic area	IELTS	TOEFL IBT	PTE Academic
Engineering and Science	6.0 with no less than 5.5 in any band	82 overall with no less than 19 in Reading, 19 in Listening, 21 in Speaking, 19 in Writing	51 in all four skills
Arts* Business* Education (taught) Health Sciences Public Policy Social Sciences	6.5 with no less than 6.0 in any band	88 overall with no less than 21 in Reading, 20 in Listening, 22 in Speaking, 21 in Writing	59 in all four skills
Dentistry Education (research) Law Medicine	7.0 with no less than 6.5 in any band	95 overall with no less than 22 in any band	67 in all four skills

\*Please note: some degree programmes may have slightly higher requirements than those stated here. Please check the Course finder entry for the programme you are interested in, or alternatively contact Admissions for advice: [admissions@bham.ac.uk](mailto:admissions@bham.ac.uk)

The University also accepts a range of alternative English language qualifications.

For details of these please visit:

[www.birmingham.ac.uk/intreqs](http://www.birmingham.ac.uk/intreqs)

### English language courses

If you do not have the required level of English, or would like to improve your English before the start of the academic year, you can take one of our pre-sessional English language courses. Run by our English for International Students Unit (EISU), these

courses focus on English language improvement in reading, writing, listening and speaking, and also on the development of academic English and study skills.

Further details of the courses available can be found via:

[www.birmingham.ac.uk/eisu](http://www.birmingham.ac.uk/eisu)

EISU also provides free, term-time English language support to all registered students whose first language is not English throughout their time at the University.



# Making your application

## APPLICATION TO OUR POSTGRADUATE COURSES IS AN EASY, ONLINE PROCESS.

Formal applications are made directly to the University using Course finder: [www.birmingham.ac.uk/students/courses](http://www.birmingham.ac.uk/students/courses) By clicking on the 'apply to study here' button on the page for the specific programme for which you wish to apply, for example African Studies PhD, you will be directed to an application portal where you will create your account with the University and submit your application and supporting documents online.

Your application form is specifically designed for the programme for which you choose to apply and the system is sensitive to the answers that you provide as you proceed through the application.

### Applying for a taught programme

For the majority of our taught programmes, making your application to the University will involve:

1. Choosing your course using Course finder: [www.birmingham.ac.uk/students/courses](http://www.birmingham.ac.uk/students/courses)
2. Considering whether you meet the University's entry requirements, details of which can be found on pages 22–23 and in the programme pages of this prospectus. The most up-to-date information can be found online through Course finder
3. Completing the online application form (accessible through Course finder) and uploading the supporting documents that you need to supply as part of your application

Please contact the department that you are applying to join if you need any advice about a particular programme, for example if you need help in identifying the specific course for which you need to apply.

### Applying for a research programme

Applying for a research programme is an easy, four-step process:

1. Ensure that you meet our entry requirements
2. Find a suitable supervisor (by using the Doctoral Research Prospectus) or an advertised PhD opportunity (through our Doctoral ReSEARCHer pages): [www.birmingham.ac.uk/findaphd](http://www.birmingham.ac.uk/findaphd)
3. Develop your research proposal
4. Submit your application to the University and upload your supporting documents online via Course finder: [www.birmingham.ac.uk/students/courses](http://www.birmingham.ac.uk/students/courses)

Each of these steps is thoroughly outlined in the Doctoral Research Prospectus. Build your bespoke copy here: [www.birmingham.ac.uk/drp](http://www.birmingham.ac.uk/drp)



### Supporting documents

In addition to completing the online application form you will also need to upload (or post to the Admissions office) the following documents:

- Your academic transcripts and any additional supporting material
- Certificate to show competency in the English language (if English is not your first language)
- Personal statement, approximately one side of A4 in length, explaining why you are interested in studying on your chosen programme
- If applying for a research programme and proposing your own research project, your research proposal
- If you wish, applications for research council funding and University scholarships
- Some programmes may require additional information to be submitted (such as a CV or a sample of work) but this will be stated at the end of the application form

### Distance learning

If you wish to undertake your postgraduate programme by distance learning you will also need to provide evidence to demonstrate that you have the time, commitment, facilities and experience to study off campus. Please be prepared to provide evidence, and details, of the following:

- Examples of your previous academic experience and ability to work independently

- Full reasons (academic and personal) for registering for the distance learning mode of study rather than by standard full- or part-time on-campus options
- Access to local library facilities (where needed)
- Access to IT facilities
- Access to communications, including email and visual communication media such as Skype and Facetime
- Where appropriate, access to facilities to support any study-related disability

All documents must be in English or have a certified translation. Transcripts should be either original or a certified photocopy. If you send a photocopy it must have the original certification stamp and be certified by a notary, an organisation such as the British Council, your institution or a University of Birmingham overseas representative in your country. If you provide documents by uploading them into the online postgraduate application system (found through Course finder) and are made an offer, you will be required to send certified copies or original documents as a condition of the offer.

For assistance with the application process please contact Admissions on +44 (0)121 414 5488, or email: [admissions@bham.ac.uk](mailto:admissions@bham.ac.uk)

# How we measure up

WHEN YOU ARE CHOOSING A UNIVERSITY FOR POSTGRADUATE STUDY ONE OF THE MOST IMPORTANT THINGS TO CONSIDER IS ITS ACADEMIC REPUTATION. YOU WANT TO STUDY SOMEWHERE WITH A STRONG RESEARCH CULTURE, **AN INSTITUTION WHICH IS AT THE FOREFRONT OF DISCOVERY AND INNOVATION.** YOU WANT A UNIVERSITY THAT MEASURES UP TO YOUR EXPECTATIONS.

With over 11,800 postgraduate students, we are one of the most popular universities in the UK for postgraduate study. Founded in 1900, Birmingham was England's first civic university, accepting students from all religions and backgrounds on an equal basis.

Here are some reasons why you might like to join us for your postgraduate studies:

## **We are a world-renowned university**

- From among the world's many thousands of institutions, we are 62nd in the *QS World University Rankings 2013–14* – a rise of 15 places from last year.
- In the 2013 *Academic Ranking of World Universities* (published by Jiao Tong University) we were ranked 101 out of 500 universities, placing us in the 10–14 band of the 37 UK institutions that appear in the list.
- The 2014 *Guardian University Guide* ranked Birmingham 15th out of 119 institutions – a rise of 15 places. Nine of our subjects were in the top five, with a further 12 in the top ten.
- *The Sunday Times University Guide 2013* ranked Birmingham 13th in the UK, a rise of 12 places.

## **We are one of Britain's 'Ivy League' of top research institutions**

Birmingham is a member of the prestigious Russell Group, which comprises 24 leading UK universities. These institutions undertake over two-thirds of the research carried out by UK universities and two-thirds of the very best research deemed 'world leading'. In 2011–12 the University increased its total amount of research awards from £93 million to £145 million – a jump of over 55%. The 2012–13 academic year saw awards from the EU, which in 2008–09 stood at £10 million, exceed £28 million.

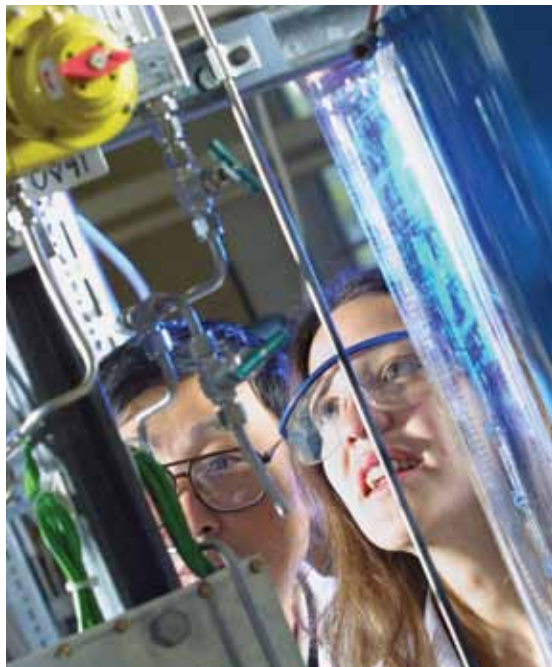
## **We have an impressive graduate employment record**

The University has been recognised for its impressive graduate employment in *The Sunday Times University Guide*. Eighty six and a half per cent of our students obtained a graduate-level job within six months of graduating, which is higher than the universities of Oxford (80.8%) and Durham (84.5%).

*The International Herald Tribune*, the global edition of *The New York Times*, has ranked the University of Birmingham eighth in the UK and 60th in the world for post-qualification employability. The rankings define the top 150 universities most frequently selected by global employers.



The University has always been at the forefront of research and **eight of our alumni and staff have been recognised with Nobel Prizes.**



We were ranked eighth in the UK in High Fliers' *The Graduate Market in 2013* report, which identifies the institutions that are most targeted by leading companies. Each year we welcome large numbers of top graduate employers for campus careers fairs and recruitment promotions.

#### **We are one of Britain's best-value universities**

Birmingham is ranked as one of the ten best-value universities in the UK. The *Student Value for Money Report 2012*, supported by *The Telegraph*, confirmed that Birmingham gives you real value for money, considering such factors as:

- Academic league table standings
- Tuition fees
- Average local rental prices

#### **We are one of the most beautiful universities in the UK**

The University's campus was recently listed in a selection of the most beautiful universities in the UK by *The Telegraph*. Birmingham is the original campus-based university. Occupying 250 acres of green and leafy parkland in the suburbs of Edgbaston and Selly Oak, the campus provides students with a beautiful environment for their learning experience.

Learn more

[www.birmingham.ac.uk/measureup](http://www.birmingham.ac.uk/measureup)



# An international institution

CULTURAL DIVERSITY AND A GLOBAL PERSPECTIVE ARE AT THE HEART OF THE EDUCATIONAL EXPERIENCE AT BIRMINGHAM. WE RECOGNISE THE NEED TO BE INTERNATIONAL IN OUR OUTLOOK AND THIS IS REFLECTED IN ALL AREAS OF OUR WORK.

We are home to around 5,000 international students, from over 150 countries. The mix of people, nationalities and cultures on campus greatly enriches our learning and teaching environment, ensuring that our students, academic staff and partners across the world benefit from the experience that the University has to offer.

## A global vision

Our international strategy is designed to ensure that our global perspective informs teaching, research and business partnerships across Birmingham. Our academic community is international in outlook and strong collaboration with leading researchers overseas ensures that their global perspective can enrich the learning experience of our students. Moreover, we continue to extend our research, business and learning networks through partnerships with universities and research institutions worldwide.

We have representative offices and staff in Brazil (Joinville), China (Beijing, Shanghai and Guangzhou), India (Delhi), Nigeria (Lagos) and the United States (Chicago). We are also the first UK university to have a dedicated presence in the political centre of the European Union, Brussels, creating opportunities for students and staff to research and study overseas. We are using these links to build partnerships that will enhance our research, internationalise the educational experience that we offer and develop a global perspective among our staff and students.

## Universitas 21

We are a member of Universitas 21, an international network of universities that enables global research collaboration and facilitates opportunities for our research students to spend time at some of the most prestigious universities worldwide, including institutions such as the University of Melbourne, McGill University in Montreal, UBC (the University of British Columbia), Korea University and Lund University in Sweden. Incoming students from these universities add diversity to Birmingham's student body, providing cultural insights and experience both at home and overseas.

We offer a number of scholarships each year to enable our doctoral researchers to travel to partner universities within Universitas 21. Each scholarship pays up to £1,500 to assist with travel and accommodation costs and a visit is usually for a period of approximately one month.

## Study abroad

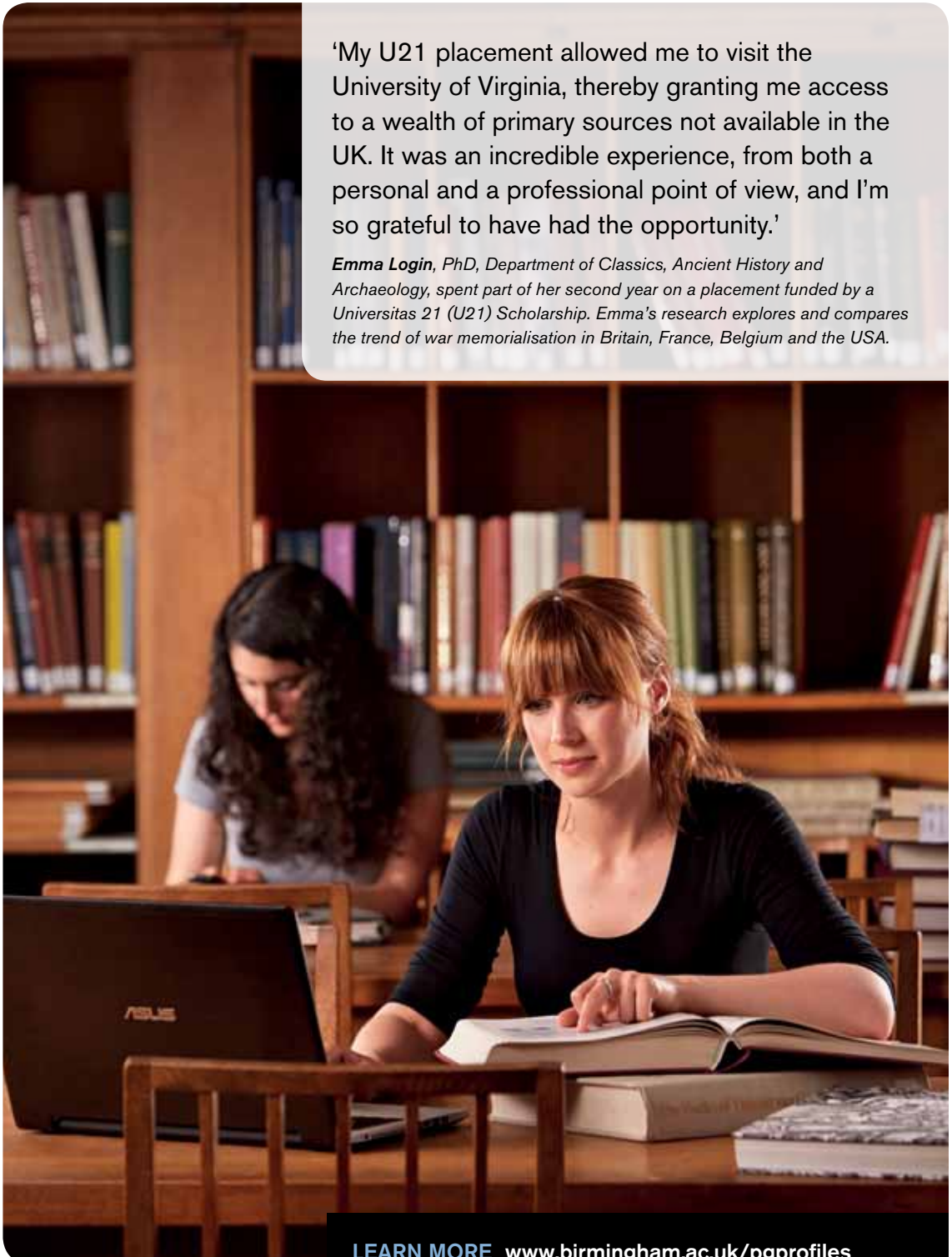
There are opportunities for Masters and PhD students from universities abroad to spend a term or year at the University of Birmingham, as well as opportunities for our own PhD students to study abroad.

For further information on these opportunities, please see: [www.birmingham.ac.uk/studyabroad](http://www.birmingham.ac.uk/studyabroad)



'My U21 placement allowed me to visit the University of Virginia, thereby granting me access to a wealth of primary sources not available in the UK. It was an incredible experience, from both a personal and a professional point of view, and I'm so grateful to have had the opportunity.'

**Emma Login**, PhD, Department of Classics, Ancient History and Archaeology, spent part of her second year on a placement funded by a Universitas 21 (U21) Scholarship. Emma's research explores and compares the trend of war memorialisation in Britain, France, Belgium and the USA.



**LEARN MORE** [www.birmingham.ac.uk/pgprofiles](http://www.birmingham.ac.uk/pgprofiles)

# The value of postgraduate study

THE VALUE OF POSTGRADUATE STUDY IS BOTH INHERENT AND TRANSFERABLE, **HELPING YOU TO DEVELOP AS A PERSON**, BOOST YOUR PROFESSIONAL PROSPECTS OR EVEN CHANGE DIRECTION IN YOUR CAREER.

Pursuing a postgraduate degree offers you the opportunity to explore your chosen area of interest in depth, giving you the chance to develop your knowledge and understanding in a subject area about which you are truly passionate. Beyond the transferable skills that you will take with you into the workplace, a postgraduate qualification from Birmingham will give you the chance to engage in critical enquiry, to grow as a scholar and even become an internationally recognised expert in your field. You can expect to engage with challenging debates, theories and concepts and, in doing so, grow as an original thinker.

## Enhance your prospects, boost your earnings

The knowledge and expertise that you develop during your postgraduate studies will go on to work for you long after graduation. A recent Sutton Trust report has revealed that somebody with a Masters degree can on average expect to earn £5,500 more a year – or over £200,000 more across a 40-year working life – than someone holding only a Bachelors degree.

Employers also expect postgraduates to have a range of skills that go beyond the discipline that they have studied. At Birmingham we are working hard to boost the employability of our students and offer a wide range of services that give our graduates the edge in the job market. Birmingham is one of the top UK universities targeted by major companies in their search for new employees. In fact, we were ranked eighth in the UK in this regard by High Fliers' *The Graduate Market in 2013* report.

The success of our postgraduate students after graduation speaks for itself:

- More than nine out of ten of our postgraduates successfully enter graduate-level jobs or graduate-level further study within just six months of graduation (*Destinations of Leavers from Higher Education Institutions 2010/11*, Higher Education Statistics Agency)
- We have been rated among the top ten UK universities for producing millionaires; research by investment firm Skandia found that 2.7% of the UK's millionaires went to the University of Birmingham, placing us seventh overall

A postgraduate degree from Birmingham is therefore more than a continuation of your studies – it is a real investment in your future.

## Benefit from great support

We want to ensure that success in your degree leads you on to a fulfilling career. Whatever you plan to do after completing your studies, our Careers Network team will be able to offer you advice and guidance both during and after your studies.

Among the support services on offer are:

- A unique careers guidance service tailored to your academic subject area, offering a team of specialist careers advisors that can give you expert advice for your chosen career

'We value the skills that a student develops while doing a postgraduate degree. Studying any subject in more detail enables students to work on key strengths and shows the work ethic and dedication which they will need to have while on our graduate programme.'

*Naomi Brown, Graduate Recruitment Officer,  
Ernst & Young*

- Career planning tailored to the needs of postgraduates, including career coaching workshops for Masters students
- A wealth of opportunities to meet employers face-to-face at on-campus recruitment fairs, employer presentations and skills workshops, including our annual ADEPT Postgraduate Careers Conference especially tailored for postgraduates
- A range of internships that will enhance both your professional and personal skills while giving you practical workplace experience
- Careers support tailored especially for international students
- Individual guidance on your job applications, writing your CV and improving your interview technique
- Access to comprehensive listings of hundreds of graduate jobs and work experience opportunities

If you are interested in setting up your own business or social enterprise, our Entrepreneurship and Innovation team can offer you access to specialist training, mentoring, support and guidance to give you the confidence to develop your ideas and shape your plans. The team offers a range of programmes and services designed to support you – from assisting business start-ups to running competitions that allow you to discover your own entrepreneurial talents.



The advanced knowledge and capability of postgraduates are highly prized by businesses and the public sector. The skills of postgraduates, especially researchers, are critical for tackling major business challenges and driving innovation and growth.

*Department for Business, Innovation and Skills*

# Help and support

WE AIM TO PROVIDE YOU WITH ALL THE RESOURCES YOU NEED TO FACILITATE YOUR STUDIES AND **TO HELP YOU REALISE YOUR POTENTIAL**. THIS INCLUDES ENSURING THAT YOUR EVERYDAY LIFE RUNS AS SMOOTHLY AS POSSIBLE DURING YOUR TIME HERE.

A wide network of support services is on hand to help you with any practical and personal issues you may encounter, leaving you free to focus on achieving your academic goals.

## Before you arrive

The Postgraduate Recruitment team offers advice and support to prospective students. It also manages a postgraduate enquiry service staffed by current and recently finished students. You can contact the team at: [postgraduate@contacts.bham.ac.uk](mailto:postgraduate@contacts.bham.ac.uk)

If you are thinking of starting a PhD, our dedicated Doctoral ReSEARCHer Enquiry Service (DRES) can provide advice and guidance on:

- Searching for advertised PhD opportunities
- Identifying a potential supervisor
- The PhD application process
- Writing the PhD proposal
- Scholarships, bursaries and funding opportunities
- Lifestyle and accommodation

You can either call DRES on +44 (0)121 414 5005 or email: [dr@contacts.bham.ac.uk](mailto:dr@contacts.bham.ac.uk)

## Postgraduate mentors

If you have queries or concerns about any aspect of life as a postgraduate student at Birmingham, you can get first-hand information and advice from current students as soon as you have received your offer of a place. Postgraduate mentors are available to answer your questions via email, based on their own experience of campus life, their school, the city, the transition to postgraduate study, and anything else you need to know about studying and living here. They can also help you with registration and administration procedures once you arrive.

For more information on this service, please visit:

[www.birmingham.ac.uk/pg-mentor](http://www.birmingham.ac.uk/pg-mentor)

## Once you are here

The University offers a wide range of support services for its postgraduate students, including:

- Counselling and Guidance Service
- Disability and dyslexia advice and support
- Advice and Representation Centre (ARC)
- Student Funding Office
- University Medical Practice
- University Dental and Implant Centre
- Childcare facilities
- Multi-faith Chaplaincy



### Additional support for our international students

Our International Students Advisory Service (ISAS) provides you with a strong network of support, starting before you arrive and continuing throughout your studies. We offer specialist help and advice on a wide range of issues including immigration, finance and family concerns. ISAS can also help you clarify your tuition fee status and eligibility for student support and part-time work.

We can advise you by email ([isas@contacts.bham.ac.uk](mailto:isas@contacts.bham.ac.uk)) or in person at our walk-in guidance service. Alternatively you can book a one-to-one confidential appointment with an advisor. If you need help and advice before making your decision to study here you can meet our International Relations staff in your own country. We attend exhibitions and events, and work with a network of overseas representatives who can give you advice and guidance on your application.

To find out when we will be visiting your country please visit:

[www.birmingham.ac.uk/international/meet](http://www.birmingham.ac.uk/international/meet)

### Welcome International

To welcome you and help you settle into University life, we run a dedicated five-day programme in September called Welcome International. This begins with an airport collection service and includes tours of the campus and the city, help with administrative tasks such as registering with a doctor and the police, if necessary, and social events where you can meet other

international postgraduates. We also arrange social events for students and their dependants throughout the year, including a Christmas party for students' children.

Learn more

[www.birmingham.ac.uk/students/support](http://www.birmingham.ac.uk/students/support)

'I have felt right at home during my time at Birmingham and have benefited greatly from the services that the University provides to its international students. When I needed to apply for an extension to my student visa, for example, I was able to book a one-to-one appointment with an ISAS advisor who gave me some very good advice. The extra support has made my life at the University all the more enjoyable.'

**Fabricio Marques, PhD,**  
School of Chemical Engineering



# The Guild of Students

THE GUILD OF STUDENTS IS THE UNIVERSITY'S RECOGNISED STUDENTS' UNION, **RUN BY STUDENTS FOR STUDENTS**. IT REPRESENTS AND INVOLVES EVERYONE STUDYING HERE, WHETHER UNDERGRADUATE OR POSTGRADUATE, FROM THE UK OR OVERSEAS, ON ALL CAMPUSES.

Every student at Birmingham is automatically a member of the Guild. This offers a wealth of benefits including support, entertainment, training and a wide range of opportunities to get involved in student life. The Guild also offers a range of support services, including the Advice and Representation Centre (ARC), Job Zone and the Student Mentor Scheme.

## Student groups

There are over 170 active student groups and societies hosted by the Guild, covering a wide range of interests. Further details of how to get involved in University life can be found on pages 36–37. For a full list of the Guild's student groups please visit: [www.guildofstudents.com/groups](http://www.guildofstudents.com/groups)

## Postgraduate and Mature Students Association (PGMSA)

The PGMSA is the representative body for postgraduates (both taught and research) and mature students that works with the Guild and the University to champion the needs of these students. The PGMSA also organises a programme of social and orientation events that runs during Welcome Week and throughout the academic year, including the Postgraduate Housing Event and weekly socials in Staff House – the on-campus bar for University staff and postgraduate students.



## Student representation

The student representation system is a partnership between the Guild of Students and the University. It enables all students to make their voices heard, raise issues that affect them and get things changed for the better.

Student representatives (reps) canvass postgraduates within their schools and represent their views at school, college and University level. Reps sit on research staff–student committees and can also be elected to attend the University Senate. Becoming a student rep is a positive way to air your views, and those of your fellow postgraduates, while enhancing your personal skills and giving you first-hand knowledge of decision making within a complex organisation.



## guildofstudents



'Before starting my PhD I had already completed my undergraduate and Masters degrees here at Birmingham and it's as a postgraduate that I've been most involved with the Guild of Students. My involvement began by taking part in a charity bucket shake in the city centre raising funds for Cancer Research and from then on my involvement grew and grew. I have been a member of Guild Council representing the views of postgraduate students, run in the Guild Officer Team elections, and been involved in the PGMSA.

*Tim Lucas, PhD, School of Chemistry*

'Getting involved in these different activities has allowed me to develop an immeasurable amount of skill that I wouldn't have developed just by completing my studies. These experiences have given me the opportunity to develop and demonstrate to future employers skills such as teamwork, communication, event planning and the experience of managing groups of people. I've also met a lot of interesting people. The PGMSA holds weekly meetings on Wednesday evenings during term time, so if you are interested in joining in then come along and get involved.'

Each year you get to elect a Postgraduate Students' officer. It is the role of the Postgraduate Students' officer to ensure postgraduates receive support and representation. As the co-chair of the PGMSA, they work closely with the association to make sure that all postgraduates get the chance to have their say. Elections take place in October.

The Guild is also a member of the National Union of Students (NUS) – a federation of UK students' unions that represents over five million students.

### Volunteering

As a postgraduate volunteer you can gain valuable transferable skills, which can boost your employability and broaden your experience. Volunteering also gives you the opportunity to meet other people and have fun, while making a difference.

### Learn more

[www.guildofstudents.com](http://www.guildofstudents.com)

[www.facebook.com/guildofstudents](https://www.facebook.com/guildofstudents)

[www.twitter.com/Guildofstudents](https://www.twitter.com/Guildofstudents)



# Get involved

POSTGRADUATES ARE AN INTEGRAL PART OF OUR COMMUNITY AND HAVE OPPORTUNITIES TO GET INVOLVED IN EVERY ASPECT OF UNIVERSITY LIFE.

The University is home to more than 11,800 postgraduate students – over 30% of its total student population. This means that as a postgraduate at Birmingham you will be among like-minded people and receive the stimulation, support and challenges you need to succeed. We offer you the opportunity to be part of a thriving postgraduate community which is energetically supported by the activities of its members.

## Postgraduate groups

In addition to the student groups hosted by the Guild, each school runs its own social activities, research fora, seminars and groups for postgraduates.

## Music and drama at Birmingham

The University has a number of music and drama groups that perform regularly both on and off campus. The new Bramall Music Building on the Edgbaston campus is the most flexible performance space at any UK university, suitable for performances from a solo voice or early music quartet to a full symphony orchestra. When not used for music, it is a high-profile location for drama and dance performance.

The University of Birmingham enjoys one of the liveliest music-making scenes of any campus with a wide variety of ensembles organised by the Department of Music, University Music Society and the Guild of Students. These range from a chamber orchestra to the Birmingham Electro Acoustic Sound

Theatre (BEAST). The University Music Society, founded in 1907, is one of the oldest societies at Birmingham and is still the largest music-making body on campus. This society organises a variety of ensembles and concerts at the University and beyond.

The Guild has nine different drama and theatre student societies, including: Article 19 (which runs two or three productions a term); Comedy Footnotes (for those interested in stand-up comedy); Guild Musical Theatre Group; Infinity Stage Company (which is charity based and gets involved in volunteer work); Three Bugs Fringe Group (which hosts socials and takes a play to the Edinburgh Festival Fringe) and Watch This (who produce original and experimental plays). Last year (2012) three Guild of Students theatre groups performed at the world's largest arts festival, the Edinburgh Festival Fringe.

## Sport at Birmingham

At Birmingham sport is for all, from elite performance to general fitness and wellbeing. We are internationally recognised for our academic excellence in sports science, coaching and psychology. If you prefer to enjoy sport from the sidelines you will be in good company – sporting events held at the University frequently attract more than 3,000 spectators.

Birmingham has been a consistent top-three competitor in British Universities and Colleges Sport (BUCS) for over 15 years, reflecting the quality and dedication of our sports teams,



'For anyone starting a postgraduate degree at Birmingham my advice would be to dive in and get involved. Don't worry – everyone is in the same boat! Try to go to as many events during Welcome Week as possible and take advantage of as many of the networking opportunities as you can. There is so much going on at the

University and so many different societies you can join. I've picked up hobbies I never would have dreamed of doing before. I've joined the Gilbert and Sullivan, Fencing and Scuba Diving societies, as well as getting involved with the PGMSA. This has been a great way to meet new people at the University and to develop new skills.'

*Michael Ridley, PhD, School of Immunity and Infection*



Bramall Music Building



We hosted the Jamaican camp for London 2012

clubs and the professional staff who support them. Our Active Lifestyle programme of fitness classes is one of the largest in the UK and offers a huge variety of aerobic, toning, holistic and dance classes. Active Lifestyle gives everybody an opportunity to get involved in exercise in a fun and friendly environment. Classes are available to suit all skill levels so you can try something new or develop existing talents.

Our campus-based facilities are soon to undergo a major £55 million redevelopment that will see our new sports centre house the city of Birmingham's first 50-metre swimming pool. Current facilities include:

- A fully equipped fitness suite with extensive free-weights area
- Three multi-purpose sports halls

- 25-metre swimming pool
- Seven squash courts
- Gymnastics centre
- Dojo (martial arts) room
- Athletics track
- A range of pitches, including water-based, 3G synthetic and rubber crumb surfaces
- A specialised performance lab offering training assistance, nutritional advice and performance monitoring

Additionally, off campus, the Raymond Priestly Centre in the Lake District provides the opportunity to try a host of outdoor activities including sailing, windsurfing, mountaineering, rock climbing, kayaking and canoeing. We also have a boathouse in Worcester where the rowing club trains on the River Severn.

# Support for our researchers

THE UNIVERSITY GRADUATE SCHOOL BRINGS TOGETHER ALL POSTGRADUATE RESEARCHERS AT BIRMINGHAM. IT ACTS AS YOUR CENTRAL RESOURCE POINT, GIVING YOU ACCESS TO A WEALTH OF SERVICES TO SUPPORT YOU IN YOUR RESEARCH, DEVELOP YOUR SKILLS AND **PREPARE YOU FOR SUCCESS** IN A COMPETITIVE GLOBAL MARKET.



As a Birmingham postgraduate researcher you can take part in networking sessions and annual events, such as our Research Poster Conference and Community Day, which provide you with valuable opportunities to meet and learn from colleagues across the University research community.

## Welcome and induction

The University Graduate School Induction Day will introduce you to the facilities available to postgraduate researchers and will outline how we can support you in your studies. We also run a dedicated welcome programme, including lunches and coffee mornings, where you can get to know other new postgraduate researchers in a friendly, informal setting.

## Skills training and development

Our wide range of training courses enable you to develop both your skills as a researcher and skills that you can transfer to the workplace, improving your work-based competencies and employability. Whether you need to deliver a conference presentation, improve your communication skills or get to grips with project management, we offer courses that will help you. We also help you to carry out a development needs analysis to identify the skills you need to develop in each year of your research degree and how you plan to do this.

Learn more

[www.birmingham.ac.uk/graduateschool](http://www.birmingham.ac.uk/graduateschool)

# Our campus

WITH ITS MAGNIFICENT ARCHITECTURE AND GREEN, LEAFY SITE, OUR CAMPUS PROVIDES **AN INSPIRATIONAL ENVIRONMENT** FOR YOUR STUDIES.



The main campus at Edgbaston is set in 250 acres of parkland with spacious lawns, trees, a lake and significant works of sculpture enhancing its landscape. With its domed red-brick buildings the campus is rich in heritage and beauty. The Edgbaston campus has all the amenities of a small town, including shops, bars, cafés, banks, medical and dental surgeries, sports facilities and even its own railway station, all within easy reach. An award-winning art gallery, a concert hall and a museum are among the cultural attractions that make it a place to enjoy.

Our Selly Oak campus, two miles from Edgbaston, is a green 80-acre site with a village atmosphere. Among the facilities here are the Orchard Learning Resource Centre and the BBC Drama Village where several national network drama series are produced. We also have satellite campuses in the city centre (the Dental School) and the historic town of Stratford-upon-Avon (the Shakespeare Institute).

Learn more

[www.birmingham.ac.uk/community/ourcampus](http://www.birmingham.ac.uk/community/ourcampus)

## Chancellor's Court

The red-brick Chancellor's Court was constructed as the University's focal point in 1909 and remains at the heart of our campus to this day. In the centre of the courtyard is the soaring 100-metre-high clock tower, affectionately known as Old Joe, which can be seen from across the city of Birmingham.





'Much of my research has involved using a range of sources and I would highly recommend that any new postgraduate explore all the different libraries and workspaces available to them at Birmingham. The researcher space in the Main Library (open to postgraduate researchers and staff) offers a really pleasant, quiet space in which to work. It is also worth bearing in mind, however, that the Main Library is by no means the only library on campus. Much of my work overlaps with the History of Medicine, and I have spent long periods of time working in the Barnes Library in the

Medical School. I've also made use of the library in the Barber Institute, which is another really nice place to work, as well as the Education Library.

'Special Collections, housed in Muirhead, encompasses a huge variety of documents which relate to a range of disciplines and is well worth investigating. The staff are very friendly and will talk you through the guidelines for using archival material – don't be put off if archives are unfamiliar territory as everyone is very approachable and helpful.'

*Helen Williams, PhD, Department of English*

### Aston Webb Building

Designed by leading architect Sir Aston Webb, this is the start and end of the University experience for most students – where registration and graduation are held. It also houses the Lapworth Museum of Geology, which holds 250,000 specimens of rocks, fossils and minerals, and has been designated an Outstanding Collection by the Arts and Humanities Research Council. Dating back to 1880, it is one of the oldest specialist geological museums in the UK.

### Bramall Music Building

The prestigious Bramall Music Building was completed in 2012 and provides a state-of-the-art 450-seat concert hall and the most flexible performance space at any UK university.

### The Barber Institute of Fine Arts

With works by major artists including Monet, Van Gogh, Botticelli, Degas, Picasso and Magritte, the Barber Institute has been described as one of the finest small art galleries in Europe and was voted Gallery of the Year by *The Good Britain Guide*. It is a Grade II listed building in distinctive Art Deco style, with its own concert hall. The Barber hosts a range of concerts, talks, lectures, classes and family activities.



The Barber Institute of Fine Arts



Winterbourne House and Garden

### Winterbourne House and Garden

Recently restored, this elegant Edwardian Arts and Crafts-style house is set within seven acres of beautiful botanic gardens, home to over 6,000 plant species from around the world.

### Libraries

The University Library is one of the largest academic libraries in the country and boasts an outstanding research collection, incorporating 2.7 million books and scholarly periodicals, and more than 16,000 electronic resources.

The collections are located primarily in the Main Library, with subject-specific site libraries for Medicine, Law, Fine Art, Music, Education, Dentistry and other subjects.

### Special Collections and archives

The University's Cadbury Research Library is the home of approximately 120,000 pre-1850 books dating from 1471 and some 3 million manuscripts. The collection contains some remarkable pieces, including: diaries showing Neville Chamberlain's personal thoughts about his meetings with Hitler during the Munich crisis of 1938; beautifully illuminated Persian medieval manuscripts; first editions of Charles Dickens; and works from the printing press of William Morris, illustrated by Edward Burne-Jones.

### Study spaces

From large computer clusters to private group study zones, there is a wide range of study spaces on campus which are open to students of all disciplines. There are also numerous study spaces across campus that are solely reserved for use by our postgraduate students. Further details of the facilities and resources available to our postgraduate students can be found in the programme pages of this prospectus.

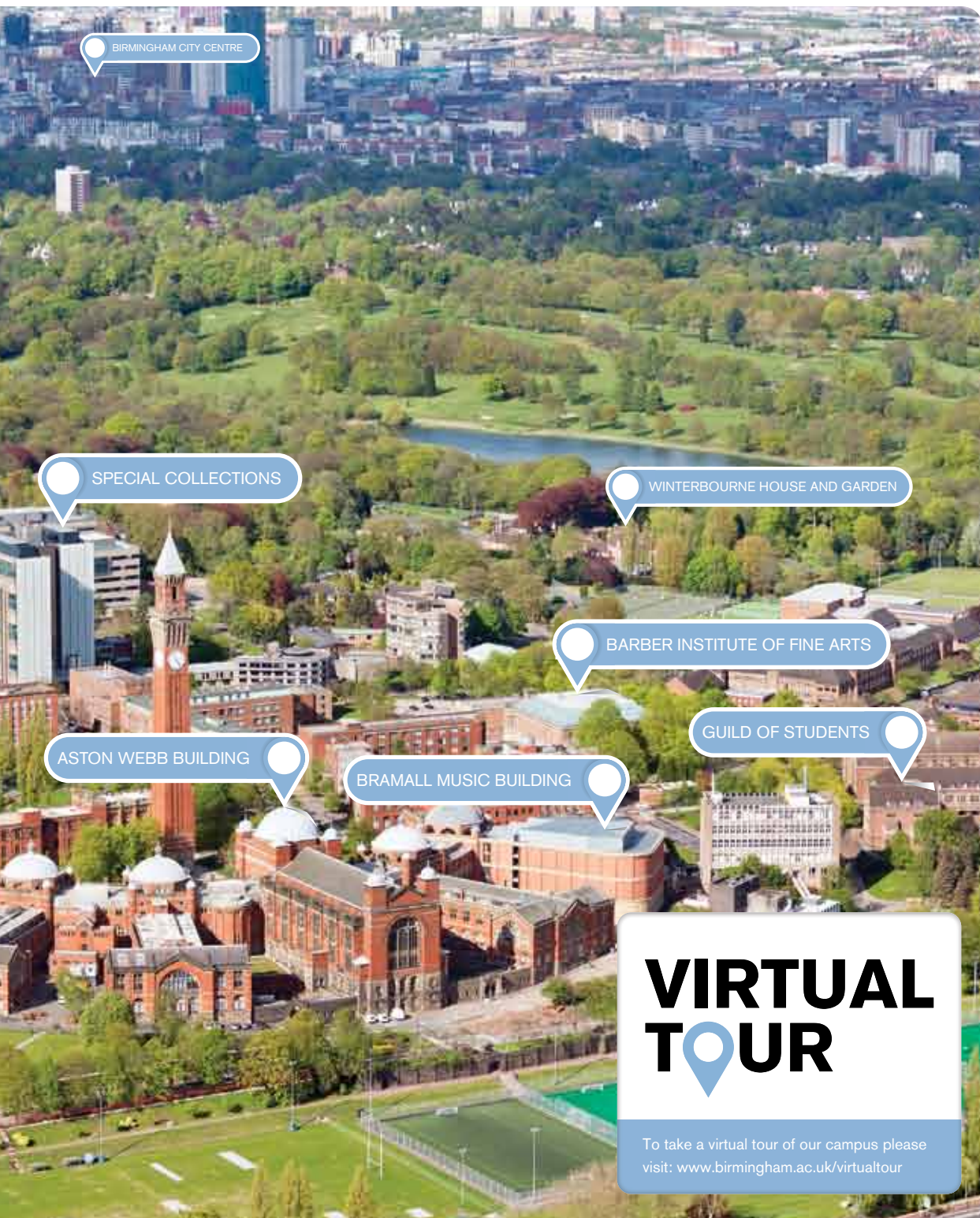
### University station

The University's railway station has regular services into the city centre, a journey of approximately eight minutes. University trains go to the main station in Birmingham (New Street) which provides train access to the rest of the country – the journey to London takes approximately 1 hour 20 minutes.









BIRMINGHAM CITY CENTRE

SPECIAL COLLECTIONS

WINTERBOURNE HOUSE AND GARDEN

BARBER INSTITUTE OF FINE ARTS

ASTON WEBB BUILDING

BRAMALL MUSIC BUILDING

GUILD OF STUDENTS

**VIRTUAL  
TOUR**

To take a virtual tour of our campus please  
visit: [www.birmingham.ac.uk/virtualtour](http://www.birmingham.ac.uk/virtualtour)

# The city of Birmingham

BIRMINGHAM HAS BEEN TRANSFORMED INTO **ONE OF EUROPE'S MOST EXCITING CITIES**. IT IS MORE THAN SOMEWHERE TO STUDY; IT IS SOMEWHERE TO BUILD A SUCCESSFUL FUTURE.

If you choose to study at Birmingham, you will be based on a leafy campus in the suburbs of a vibrant, modern city. With over a million residents, Birmingham is home to the UK's largest financial services and creative sectors outside London and it has a thriving business community. After London, Birmingham is the highest-ranking city for quality of life in the UK (Mercer's *Quality of Living Survey 2012*). There is something for everyone in Birmingham and you are sure to receive a warm welcome in one of the most culturally diverse cities in Britain.

Close to £9 billion has been invested in the city centre over the past 20 years and Birmingham can boast some of the finest shopping centres in Europe, including Bullring, the Mailbox and the famous Jewellery Quarter. There are also regular markets selling everything from vintage clothes to fresh fruit and vegetables.

Aside from being a commercial hub, the city is rich in culture, from local Anglo-Saxon artefacts at the Museum and Art Gallery to major exhibitions by modern artists at the Ikon Gallery. There is also a wealth of international restaurants, bars, cinemas and live entertainment venues, including the O2 Academy and National Indoor Arena for music, and the Glee Club for comedy. Symphony Hall, one of Europe's finest concert halls, is home to the City of Birmingham Symphony Orchestra, and the Hippodrome Theatre houses the Birmingham Royal Ballet.





'This is a great place to live. Birmingham is the best of both worlds; it is a vibrant city but is also on the doorstep of some of the most beautiful countryside in England.'

**David Newsome**, PhD graduate, Department of Classics, Ancient History and Archaeology



The Malvern Hills, half an hour's drive south of Birmingham



Birmingham was also the first city to be awarded National City of Sport status and hosts top-level football, cricket, tennis and golfing events.

Just outside the city is some of England's most beautiful countryside. The Severn Valley, the Malvern Hills, Ironbridge Gorge (a UNESCO World Heritage Site) and the picturesque Cotswolds villages are all ideal destinations for a day trip. Nearby Stratford-upon-Avon, Warwick Castle, Kenilworth Castle and the Black Country Living Museum are rich in historical interest. Canals and waterways thread their way through the region, offering a relaxing way to explore its natural landscapes.

Learn more

[www.visitbirmingham.com](http://www.visitbirmingham.com)

# Accommodation

WHETHER YOU ARE LOOKING FOR UNIVERSITY ACCOMMODATION OR A RENTED PROPERTY IN THE PRIVATE SECTOR, OUR ACCOMMODATION SERVICES TEAM, 'LIVING', CAN **HELP YOU TO FIND THE RIGHT PLACE.**

University accommodation for postgraduates is located across the University's three student villages: the Vale Village, Selly Oak Village and Pritchatts Park Village, all of which are within walking distance of the main campus. We have a range of accommodation types, including flats with study bedrooms, sharing bathroom and kitchen facilities; flats with en suite study bedrooms; and studio apartments, where you have exclusive use of both kitchen and bathroom facilities. International students who are new to Birmingham are guaranteed a place in accommodation, subject to certain terms and conditions. UK and EU students are also welcome to apply. For further details please see: [www.birmingham.ac.uk/accommodation](http://www.birmingham.ac.uk/accommodation)

Living in one of our accommodation sites means that there will be no hidden costs because the price includes all of your bills, including internet access and basic contents insurance. All of our accommodation sites offer a 24-hour reception service, open every day of the year, providing you with help when you need it, as well as peace of mind.

## Pritchatts Park Village

Pritchatts Park comprises studio accommodation for postgraduate and undergraduate students within walking distance (ten minutes) of the University, close to local amenities and excellent transport links to the city centre. Limited on-site car parking is available. All of the studios are fitted to a high

standard and are fully equipped and furnished. A social centre creates a sense of community and the Village has facilities such as meeting rooms, a licensed bar, a games room and a launderette.

## Selly Oak Village

Jarratt Hall is the closest residence to the University, with the campus just a five-minute walk away. It is located near to the vibrant Selly Oak high street, which offers a selection of cafés, restaurants and shops. Postgraduate students are located together at Jarratt Hall in rooms with en suite facilities and a kitchen/dining area shared with four or five other students. Launderette facilities are also available on site.

## The Vale Village

The Vale is just 20 minutes' walk from the main campus, with limited on-site parking. Vale residences are set in a tranquil conservation area surrounded by trees and a lake. Postgraduate students are assigned to our Tennis Courts accommodation, offering flats with shared bathroom and kitchen facilities for groups of between six and nine students. We also have studios and apartments in Shackleton and top-floor modern apartments in Mason accommodation. The Hub, based on the ground floor of Shackleton, offers facilities including a newly redeveloped café, a restaurant, a licensed bar, pool tables, launderettes and a convenience store.



'I am originally from the USA where I studied my undergraduate degree; before moving to Birmingham I had lived and worked in Japan for five years. This year I have been living in self-catering accommodation designated for postgraduates. It has been a change moving back into University accommodation having lived by myself for the last five years, but I am really enjoying the experience. I live in a shared flat with six other girls who are all postgraduates. We're from different places around the world

and are all living in Birmingham for the first time.

'I chose this residence as both the city centre and the campus are within walking distance from here. I found it easy to settle in and the great thing about moving into University accommodation is that everything is set up when you arrive. You don't have to worry about sorting out bills or finding an internet provider as these are included in the cost. Our flat is fully furnished and everything is to a high standard.'

*Caroline Ideus, MA Teaching English as a Foreign Language, Department of English*



### Private sector accommodation

If you prefer not to live in University accommodation, our LIVING team will help you to find something suitable in the private sector. There is a wide range of accommodation available in the local area, including single flats, shared flats, houses for groups of various sizes, properties for families and lodgings with a residential landlord. Our accommodation search engine can also put you in touch with other prospective students before arriving in Birmingham, enabling you to rent accommodation as part of a group.

Our team can provide:

- An online search service to provide you with a comprehensive and up-to-date database of private-sector properties:  
[www.birminghamstudentpad.co.uk](http://www.birminghamstudentpad.co.uk)
- A contract checking service
- Advice for students with families

Should you have any difficulties with your private sector accommodation at any point during your time with us, you can contact the accommodation services team in the LIVING shop, University Centre, for help and advice.

You also have access to SHAC, a lettings agency run by our Guild of Students. The service charges no fee to student tenants and only advertises accredited landlords who sign up to a code of standards guaranteeing the quality and condition of all housing.

### Learn more

- Visit: [www.guildshac.co.uk](http://www.guildshac.co.uk)
- Email: [shac@guild.bham.ac.uk](mailto:shac@guild.bham.ac.uk)
- Search on Facebook for 'Guild SHAC'





### What it costs

University accommodation fees for postgraduate students start from £5,568 for self-catered accommodation, while studio accommodation fees start from £8,980. These fees are for a 50-week contract and include costs for unlimited internet access, gas, electricity and water.

For a single room in a shared house in the private sector, you should expect to pay approximately £60–80 per week (bills extra). For students with families, a three-bedroom house can be rented for approximately £500–£750 per calendar month.

Prices given for the private sector exclude gas, electricity and internet bills, which will cost approximately £90 per month per student/adult household member. You would also be required to pay one month's rent in advance and a deposit equivalent to one month's rent before moving into the house. For further details of living costs see page 19.

### Learn more

Further details on all the accommodation available and an online application form can be found at:

[www.birmingham.ac.uk/accommodation](http://www.birmingham.ac.uk/accommodation)

# College of Arts and Law

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## Cross-College programmes

### Taught programme

**Humanities** MA/PGDip/PGCert  
(*subject to approval*)

This new interdisciplinary programme draws on expertise in the Humanities from across the College of Arts and Law, allowing you to select modules from a range of disciplines to study on a standalone basis, or in order to complete a Certificate, Diploma or Masters qualification.

To achieve a Certificate, you will need to complete three modules; for a Diploma you will need to complete six modules and for a full MA you will need to complete six modules plus a 15,000-word dissertation on a topic of your choice (which relates to some of your modules).

You can choose from content across the College, with modules typically available in the following subject areas:

- Archaeology
- Cultural Studies
- Classics and Ancient History
- Drama
- Film
- English/Literary Studies
- History
- Languages and Linguistics
- Philosophy
- Politics
- Theology and Religion

This programme is ideal if you want to undertake further study to enhance your employability, if you would like to develop a broad-based foundation for doctoral research or if you would simply like to explore areas of personal interest.

### Entry requirements

2:1 undergraduate degree or equivalent in any subject for MA.  
Non-standard qualifications and professional experience will be considered for entry onto the PGDip and PGCert.

### Duration

MA/PGDip: 1 year FT, 2 years PT  
PGCert: 4 months FT, 8 months PT

### Fees

#### Home/EU

MA: £5,940 FT £2,970 PT  
PGDip: £3,960 FT £1,980 PT  
PGCert: £1,980 FT £990 PT

#### International

£13,665 FT only

### Start date

29 September 2014

Contact: Dr Diana Spencer – [d.j.spencer@bham.ac.uk](mailto:d.j.spencer@bham.ac.uk)



**Course finder** [Apply online](#) (see pages 24–25)

## Research programme

We offer you the opportunity to carry out doctoral research within our Digital Humanities Hub, culminating in a dissertation of up to 80,000 words.

### Digital Humanities <sup>PhD</sup>

The College's Digital Humanities Hub is a unique facility which harnesses the power of digital technologies to enrich learning experiences in the spheres of heritage and culture. It is home to a range of innovative tools and facilities, including multi-user, multi-touch technologies, handheld mobile devices and tablets, 3D laser scanning facilities, a large-scale 3D visualisation lab and Augmented Reality tools. Our staff provide expert supervision in a variety of aspects of digital technologies in a dynamic environment.

### Entry requirements

Masters degree in a relevant subject.

### Duration

3 years FT, 6 years PT

### Fees

#### Home/EU

£3,950 FT £1,975 PT

#### International

£12,565 FT only

### Start date

Negotiable

Contact: [dhh-phd@contacts.bham.ac.uk](mailto:dhh-phd@contacts.bham.ac.uk)

'The [College of Arts and Law] Graduate School is diverse, multidisciplinary and multicultural; it is a truly vibrant environment to work in. The staff are supportive and friendly and always put the students' needs first.'

*Sabrina Maya Anwar, MA Theology and Religion,  
Department of Theology and Religion*

# Birmingham Law School

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Commercial Law LLM	2:1 (Hons) in Law, or a degree in a different subject plus a pass in the Common Professional Examination	\$5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Criminal Law and Criminal Justice LLM	2:1 (Hons) in Law, or a degree in a different subject plus a pass in the Common Professional Examination	\$5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Health, Bioethics and Law LLM	2:1 (Hons) in Law, or a degree in a different subject plus a pass in the Common Professional Examination	\$5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
International Commercial Law LLM	2:1 (Hons) in Law, or a degree in a different subject plus a pass in the Common Professional Examination	\$5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
International Law: Crime, Justice and Human Rights LLM	2:1 (Hons) in Law, or a degree in a different subject plus a pass in the Common Professional Examination	\$5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
International Law, Ethics and Politics MA	2:1 (Hons) in a relevant subject (eg, Law, Politics or Philosophy)	\$5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
LLM (General)	2:1 (Hons) in Law, or a degree in a different subject plus a pass in the Common Professional Examination	\$5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
LLB for Graduates	2:1 (Hons) in any subject. You do not need the National Admissions Test for Law (LNAT)	\$9,000	£12,565	2 years FT	29/09/14
RESEARCH					
Law PhD/PhD by DL/MPhil/MJur	2:1 (Hons) in Law or a subject related to the research topic	\$3,950 FT £1,975 PT	£12,565 FT £6,282.50 PT (PhD by DL only)	PhD: 3 years FT 6 years PT MPhil: 2 years FT 4 years PT MJur: 1 year FT 2 years PT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014-15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

For over 85 years Birmingham Law School has made a major contribution to teaching and scholarship. Our academics are leaders in their fields and the authors of many key works used by practitioners today.

Birmingham Law School is regularly ranked among the top law schools in the UK and our research has been ranked seventh in the country for world-leading and international excellence in the most recent Research Assessment Exercise. These results underline the School's strength across the legal curriculum,

the top-class teaching we provide, and the extent of our contribution to policy making and our understanding of the modern world.

## Facilities and resources

The School occupies a prime location in one of the University's original redbrick buildings in the centre of the Edgbaston campus. Our staff and approximately 1,000 students are housed over three floors of the Law Building, which incorporates the prestigious Harding Law Library.



## Course finder [Apply online](#) (see pages 24–25)



We have a postgraduate common room, while access to computer facilities is provided in a dedicated postgraduate workroom. The building offers wireless internet access throughout. We also hold seminars on, and offer training in, the development and use of research skills.

All of our postgraduate students become part of – and contribute to – the vibrant international community of the College of Arts and Law Graduate School, which offers dedicated research resources, a supportive working environment and employability skills training. Our team of academic and operational staff are on hand to offer support and advice to all postgraduate students within the College.

### Postgraduate study

As well as providing supervision for each project from an experienced member of staff, the School cultivates a friendly and supportive environment for its community of students. We regard doctoral researchers and other postgraduate students as playing an important part in maintaining and strengthening the research traditions of the School, and we are committed to increasing the number of such students and the range of the research that they are undertaking.

We hold a daily coffee morning in the School's senior common room, providing an opportunity to talk with staff and other postgraduates on an informal basis, and helping you to become part of School life very quickly.

The School is also home to the Holdsworth Club, the biggest law society for students in England. The Holdsworth Club is run by our students for our students, providing advice and support together with opportunities for social and professional networking at a variety of events.

Although not strictly part of the Holdsworth Club, the University of Birmingham Debating Society is closely connected with it, since many lawyers relish the opportunity to engage in contentious debates on current events and legal topics. The School also has a strong background in mooting, which provides you with the opportunity to argue a fictional case as if representing a client. Birmingham Law School organises a range of mooting opportunities – including a postgraduate competition – and all members of the School have the opportunity to participate.

### Scholarships and studentships

Research council funding, University and College of Arts and Law Scholarships are available to postgraduates in Law. Please see page 20 for details.

The School also offers a range of taught LLM scholarships each year. Other scholarships may be available. Please consult our website: [www.birmingham.ac.uk/law](http://www.birmingham.ac.uk/law)

For further information on the funding available, you can also visit the University's postgraduate funding database: [www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

We also offer a number of postgraduate teaching assistantships to students who enrol on our research degree programmes; recipients teach up to 75 hours of small group teaching per year on our LLB programmes.

### Learn more

[www.birmingham.ac.uk/law](http://www.birmingham.ac.uk/law)

# Birmingham Law School

## Taught programmes

Birmingham's LLM programmes have been designed to allow in-depth analysis of important legal topics. The LLM programme has six 20-credit modules and a dissertation of 15,000 words; the latter to be submitted at the end of the year of study. Full module information and the latest course details are available online at: [www.birmingham.ac.uk/llm](http://www.birmingham.ac.uk/llm)

For all the LLM programmes contact: The LLM Programme Secretary – [law-llm@bham.ac.uk](mailto:law-llm@bham.ac.uk)

### Commercial Law LLM

This programme is ideally suited to those wishing to specialise in English commercial law. Commerce and trade exert some of the most powerful influences on human activity and commercial relationships increasingly dominate a constantly evolving world. The ingenuity of traders and the complexity of modern commerce are truly breathtaking. This LLM provides an excellent opportunity to immerse yourself in this important and fascinating area of law.

### Criminal Law and Criminal Justice LLM

Criminal Law is concerned with the most potentially invasive assertion of authority by the state: if you fail to comply with the law you will be punished. This programme provides a holistic analysis of the criminal process through an analysis of the law, its philosophical underpinnings and its operation in practice. The modules on this LLM will allow you to study the five separate objectives used in enforcement of Criminal Law: retribution; deterrence; incapacitation; rehabilitation; and restitution.

### Health, Bioethics and Law LLM

Over the last two decades law's engagement with the ethics and regulation of health care has rapidly increased. Today this has become a specialist area of legal practice. Engagement with such issues is also of increasing importance to healthcare professionals, NHS managers and health regulators. The programme gives students a multidisciplinary insight into the interface between health, bioethics and law, offering a choice of modules from Law and Philosophy.

### International Commercial Law LLM

The past few decades have seen enormous growth in international commerce, increasing the importance and prominence of international commercial law. This area of law provides a basis for international business transactions and the development of international markets. The increasing relevance of this programme makes it an excellent choice for those seeking opportunities in the commercial world.

### International Law: Crime, Justice and Human Rights LLM

This programme draws upon Birmingham Law School's research strengths in International Law, Criminal Law and Human Rights and will enable you to develop expertise in a wide range of international law subjects. Increased globalisation makes this programme an excellent choice for those seeking legal opportunities around the world.

### International Law, Ethics and Politics MA

This programme addresses the application of International Law, Global Ethics and Political Theory to problems such as poverty reduction, international trade, war and terrorism, climate change and democracy. The programme prioritises practice in relation to its three disciplinary components, featuring a range of optional modules from the Law, Politics and Philosophy departments.

Contact: Dr Iain Law – [i.law@bham.ac.uk](mailto:i.law@bham.ac.uk)

### LLM (General)

The General LLM is particularly suitable if you are seeking exposure to a range of legal disciplines, giving you expertise that suits your own interests and providing the skills and knowledge required for a successful legal career. You will choose six modules from those available in the other LLM programmes, along with a choice of specialist modules in alternative areas of law, and write a dissertation on a subject of your choice. With a choice of nearly 50 modules, this programme presents an excellent opportunity to shape your own degree.





Course finder [Apply online](#) (see pages 24–25)



### LLB for Graduates

The LLB for Graduates is designed for students with an undergraduate degree in a non-law subject who are looking to pursue a future legal career, as it provides an opportunity to gain a qualifying law degree in two years. If you are intending to qualify as a barrister or solicitor, this degree gives you exemption from the academic stage of the Bar Standards Board and Solicitors Regulation Authority examinations in England and Wales, provided you pass all the foundation subjects. The LLB for Graduates also counts towards legal qualifications in many other countries.

Contact: The LLB Programme Secretary – [law-llb@bham.ac.uk](mailto:law-llb@bham.ac.uk)

Or visit: [www.birmingham.ac.uk/M990](http://www.birmingham.ac.uk/M990)

‘Birmingham is one of the best law schools in the UK and when you come here you understand why. The lecturers are fantastic, providing lots of discussion in classes and stimulating interest in the subject. Birmingham has an international reputation and people know how good your education has been when you go to look for jobs.’

*Christina Santos, LLM graduate, Birmingham Law School*

### Research programmes

#### Law PhD/MPhil/MJur

These programmes offer you the opportunity to pursue in-depth legal study, culminating in an extended thesis. Birmingham Law School has an excellent reputation for doctrinal, empirical and theoretical research, with academic staff able to offer supervision on a wide range of topics.

Our research interests include:

- African law
- Civil law
- Commercial law
- Contract law
- Criminal law
- Energy law
- Equity and trusts
- European Union law
- Family law
- Health care law
- Human rights
- International law
- Judicial administration
- Jurisprudence
- Law and religion
- Legal education
- Legal responses to terrorism
- Property law
- Restorative justice
- Tort law

Contact: [law-phd@contacts.bham.ac.uk](mailto:law-phd@contacts.bham.ac.uk)

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
**[www.birmingham.ac.uk/drps](http://www.birmingham.ac.uk/drps)**

# School of English, Drama and American & Canadian Studies

## AMERICAN AND CANADIAN STUDIES

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Film and Television: Research and Production MA	2:1 (Hons) in a relevant subject	£6,210 FT £3,105 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Literature and Film MA	2:1 (Hons) in a relevant subject (eg, Literature, Film Studies, Liberal Arts or American Studies)	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
RESEARCH					
Film Studies MRes	2:1 (Hons) in a relevant subject	£3,950 FT only	£12,565 FT only	1 year FT	29/09/14
US Foreign Policy MRes	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
American and Canadian Studies PhD/PhD by DL/MA by Research/MA by Research by DL	PhD: Masters degree in a relevant subject MA by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT £6,282.50 PT (DL only)	PhD: 3 years FT 6 years PT MA by Research: 1 year FT 2 years PT	Negotiable
American and Canadian Studies Audio-Visual PhD	Masters degree in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	3 years FT 6 years PT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014-15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

We are one of the most respected departments of American and Canadian Studies in the world and ranked in the top five in the *Guardian* 2014 university league table. We are committed to excellence in teaching, and our staff and postgraduate students are at the forefront of interdisciplinary research into literature, culture, history, film and television, politics and international relations.

### Facilities and resources

All of our postgraduate students become part of – and contribute to – the vibrant international community of the College of Arts and Law Graduate School, which offers dedicated research resources, a supportive working environment and employability skills training. Our team of academic and operational staff are on hand to offer support and advice to all postgraduate students within the College.

The Department has its own dedicated media lab which features broadcast industry-standard Final Cut Pro video editing suites

on Apple iMac computers. PC-based video editing is also available using the Adobe Premiere package. The media lab also has video cameras and associated equipment for students to do their own filming as part of their degree. Training is provided on all aspects by our media lab staff.

The Richard Shackleton Library houses our rapidly expanding collection of videos, DVDs, books and journals for students to borrow in support of their research. It has 4,000 hours of primary archival material on matters related to the United States and Canada. It also contains several reference materials including the completed dissertations of former undergraduate and postgraduate students.

The University Library, thanks to generous gifts from various sources, also has a wide-ranging collection of Canadian books in the areas of film, geography, history, native studies, politics and Canadian literature in French and English. Additionally, the library subscribes to a number of Canadian journals.



## Course finder [Apply online](#) (see pages 24–25)



### Postgraduate study

Our programmes are challenging and rewarding and offer the opportunity to gain a highly respected qualification. When you enrol on one of them you join our intellectual community of postgraduate students, which meets regularly for both academic and social occasions. Our research postgraduates also have the opportunity to contribute to the weekly departmental research seminar and to the production of *49th Parallel*, an interdisciplinary electronic journal of American and Canadian Studies.

### Scholarships and studentships

Research council funding, University and College of Arts and Law Scholarships are available to postgraduates in American and Canadian Studies. Please see page 20 for details.

For further information on the funding available please visit the University's postgraduate funding database:

[www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

Doctoral researchers in the Department may also have the chance to carry out some undergraduate teaching in their second and third (or equivalent for part-time) years, which can provide additional income.

Learn more

[www.birmingham.ac.uk/acs](http://www.birmingham.ac.uk/acs)

### Taught programmes

Our taught programmes consist of six taught modules and a 15,000-word dissertation on the topic of your choice.

#### Film and Television: Research and Production MA

This is the new title for the long established and very popular MA in History, Film and Television. Although history is still very much an element of teaching and research on the course, this new name better reflects the opportunities available on the MA to study and work within the film and television industries. This MA introduces you to a career in the media and combines rigorous academic training in research skills and methodology with technical and vocational training in designing, researching and editing programmes. It also includes a unique work placement of up to 12 weeks in the media industry.

Contact: Dr James Walters – [j.r.walters@bham.ac.uk](mailto:j.r.walters@bham.ac.uk)

#### Literature and Film MA

This interdisciplinary programme explores key approaches to film and contemporary literature, from the late 19th century to the present day, with an emphasis on their critical, ideological and aesthetic practices. The combination of core and optional modules provides you with a broad knowledge base while affording you the flexibility to choose areas that interest you the most, so you have freedom to work more on literature or film or equally on both.

Contact: Dr Michele Aaron – [m.aaron@bham.ac.uk](mailto:m.aaron@bham.ac.uk)

# School of English, Drama and American & Canadian Studies

## AMERICAN AND CANADIAN STUDIES

### Research programmes

The Department of American and Canadian Studies has a vibrant and fast-growing postgraduate research community. The Department draws on the research interests and projects of our staff in postgraduate teaching and on contributions from staff in allied departments at the University.

In addition to our PhD and MA by Research programmes, we offer MRes programmes which combine taught modules with an individual research project of 20,000 words. They are aimed at those who wish to move beyond undergraduate work and to engage in research in depth, but who also wish to take modules that help to develop research and related skills. These programmes can be studied on a standalone basis or used as a stepping stone to a PhD.

#### Film Studies MRes

Giving you a critical and evaluative understanding of film within an interdisciplinary context, this programme encourages you to understand the role of film and cinema within a range of socio-cultural arenas. Forging the links between film theory and film practices, cultural politics and state or foreign policy, it will also allow you to assess the notion of film as a social process engaging with issues of representation, production and consumption.

Contact: Dr Michele Aaron – [m.aaron@bham.ac.uk](mailto:m.aaron@bham.ac.uk)

#### US Foreign Policy MRes

Linking the study of US diplomacy and policy making to a broader appreciation of US society and culture, our US Foreign Policy degree is designed for students preparing for a PhD and those seeking a career in diplomacy, business or other fields. You will be encouraged to evaluate the development of US foreign policy not only in diplomatic and strategic contexts but also as part of broader issues in US economics, politics, and culture.

Contact: Dr Steve Hewitt – [s.r.hewitt@bham.ac.uk](mailto:s.r.hewitt@bham.ac.uk)

#### American and Canadian Studies PhD/MA by Research

We offer two research programmes: an MA by Research, which requires you to prepare a dissertation of up to 40,000 words on a topic of your choice; or a PhD, which leads to a dissertation of up to 80,000 words. We have recognised research strengths in the fields of urban culture and representation, US foreign policy and intelligence services, literary and cultural studies, film and visual studies and African American studies.

Contact: [acs-phd@contacts.bham.ac.uk](mailto:acs-phd@contacts.bham.ac.uk)

#### American and Canadian Studies Audio-Visual PhD

This programme gives you the opportunity to film and edit an hour-long documentary on your research, accompanied by a 30,000-word written defence. You will work with supervisors and technicians to develop this practice-based project, using our editing suite and equipment. The audio-visual PhD enables you to make an original contribution to the discipline of history, film and television preparing you for careers in media and/or academia.

Contact: [acs-phd@contacts.bham.ac.uk](mailto:acs-phd@contacts.bham.ac.uk)

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
**[www.birmingham.ac.uk/drp](http://www.birmingham.ac.uk/drp)**

FT Full-time  
PT Part-time  
DL Distance Learning

## DRAMA AND THEATRE ARTS

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
RESEARCH					
Directing MRes <i>(subject to approval)</i>	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
Drama and Theatre Studies MRes	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
Playwriting Studies MRes	2:1 (Hons) in a relevant subject, although suitable playwriting experience may be taken into account	£4,450 FT	£13,065 FT only	1 year FT	29/09/14
Drama and Theatre Studies PhD/PhD by DL/MA by Research/ MA by Research by DL	PhD: Masters degree in a relevant subject MA by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT £6,282.50 PT (DL only)	PhD: 3 years FT 6 years PT MA by Research: 1 year FT 2 years PT	Negotiable
Drama and Theatre Studies Practice-based PhD	Masters degree in a relevant subject	£4,450 FT £2,225 PT	£13,065 FT only	3 years FT 6 years PT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014–15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

The Department of Drama and Theatre Arts enjoys a highly respected national and international reputation for excellence in teaching and research in the study of drama. We benefit from Birmingham's exceptional resources for theatre research, as well as the University's links with world-class theatre in Birmingham, Stratford-upon-Avon, London and beyond.

### Facilities and resources

All of our postgraduate students become part of – and contribute to – the vibrant international community of the College of Arts and Law Graduate School, which offers dedicated research resources, a supportive working environment and employability skills training. Our team of academic and operational staff are on hand to offer support and advice to all postgraduate students within the College.

The Department is located on the picturesque Selly Oak campus, close to the main Edgbaston campus, and offers extensive dedicated facilities for drama students.

Our technical and production modules are taught in the George Cadbury Hall (which includes a high definition cinema facility and a purpose-built theatre which recently underwent a £1 million refurbishment), and the Gillett Centre (which includes a full-size gymnasium space for dance and physical theatre

training). Additional amenities for drama students include the state-of-the-art Orchard Learning Resource Centre with its own well-stocked library.

Research facilities include the Noël Coward Archive, the John Galsworthy Papers, the Barry Jackson Papers and the Charles Parker Collection. The main University Library also has first-class collections in British, Classical, European, Irish and American drama. In addition to these main collections, the Barber Institute of Fine Arts is home to important and comprehensive holdings for the study of music, drama, opera, dance and theatre. The University's Shakespeare Institute in Stratford-upon-Avon also contains an extensive library with a good range of research resources and the new Library of Birmingham is home to an extensive Shakespearean collection.

### Postgraduate study

We offer unique opportunities for the study of theatre in terms of text, history, theory and practice, and work in partnership, where appropriate, with practitioners in the professional theatre. You will have opportunities to publicly present practice-based research in the George Cadbury Hall, supported by our professional technical and production staff, or be supported in making the necessary links to present work off campus in appropriate locations around the city.



# School of English, Drama and American & Canadian Studies

## DRAMA AND THEATRE ARTS

### Scholarships and studentships

Research council funding, University and College of Arts and Law Scholarships are available to postgraduates in Drama and Theatre Arts. Please see page 20 for details.

For further information on the funding available please visit the University's postgraduate funding database:  
[www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

Doctoral researchers in the Department may also have the chance to carry out some undergraduate teaching in their second and third (or equivalent for part-time) years, which can provide additional income.

Learn more

[www.birmingham.ac.uk/drama](http://www.birmingham.ac.uk/drama)

### Research programmes

The Department of Drama and Theatre Arts offers promising candidates the opportunity to carry out research in a dynamic environment, which allows students, scholars and theatre practitioners to work together to achieve a new breadth and depth in the study of drama. Covering both the theoretical and practical aspects of Drama and Theatre Arts, our research strengths include:

- Shakespearean performance and adaptation
- Contemporary practice, playwriting and acting training
- Victorian and Edwardian theatre
- The history of film
- Popular theatre
- Theatre history – Renaissance to 21st century
- Russian theatre
- Playwriting and actor training
- Theatre and science

- Contemporary theatre
- Theatre and community development
- Theatre and political activism
- Theatre and critical theory

In addition to our PhD and MA by Research programmes, we offer MRes programmes which combine taught modules with an extended independent project. They are aimed at those who wish to move beyond undergraduate work and to engage in research in depth, but who also wish to take modules that help to develop research and related skills. These programmes can be studied on a standalone basis or used as a stepping stone to a PhD.

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#### Directing MRes

*(subject to approval)*

This programme allows you to research and direct your own work, aided by staff and professional-level facilities, alongside modules which prepare you both intellectually and professionally for theatre directing. These modules include Dramatic Structure, Directors Workshop, Professional Preparation and Collaborative Strategies. The programme will involve local partners such as the Birmingham Repertory Theatre, enhancing training and entry into the theatre industry.

Contact: Dr Adam Ledger – [a.j.ledger@bham.ac.uk](mailto:a.j.ledger@bham.ac.uk)

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#### Drama and Theatre Studies MRes

This programme provides you with a conceptual and methodological foundation in drama and theatre studies that supports your own independent thesis project. The flexibility to design training suited to your own research is a central feature of the degree, and is particularly helpful to those pursuing interdisciplinary and cross-disciplinary theses.

Contact: Dr Adam Ledger – [a.j.ledger@bham.ac.uk](mailto:a.j.ledger@bham.ac.uk)



## Course finder **Apply online** (see pages 24–25)

### **Playwriting Studies** MRes

This is Britain's leading programme dedicated to the craft of the dramatist. It was founded by internationally renowned playwright Professor David Edgar and is now convened by professional playwright Fraser Grace. It is an intensive course that encourages you to think critically about dramatic writing and helps you put these insights into practice in your own writing. You will have the chance to create an original and complete, full-length work for the stage, accompanied by a 6,000-word critical analysis.

Contact: Fraser Grace – [f.j.grace@bham.ac.uk](mailto:f.j.grace@bham.ac.uk)

### **Drama and Theatre Studies** PhD/MA by Research

We offer two research programmes: an MA by Research, which requires you to prepare a dissertation of up to 40,000 words on a topic of your choice; or a PhD, which leads to a dissertation of up to 80,000 words.

Contact: [drama-phd@contacts.bham.ac.uk](mailto:drama-phd@contacts.bham.ac.uk)

### **Drama and Theatre Studies** Practice-based PhD

This innovative new programme allows academic research to be conducted through practical experimentation in performance, playwriting or dramaturgy, accompanied by a 40,000-word thesis which contextualises the practice.

Contact: [drama-phd@contacts.bham.ac.uk](mailto:drama-phd@contacts.bham.ac.uk)

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
**[www.birmingham.ac.uk/drpd](http://www.birmingham.ac.uk/drpd)**



**'As a PhD student in Drama and Theatre Arts, you're surrounded by professionals who really lead the field when it comes to research – from Shakespeare to automata and beyond. The work is challenging and dynamic and you'll find yourself reaching out in directions you never even dreamed of.'**

**Samantha Mitschke**, *PhD, Department of Drama and Theatre Arts*

# School of English, Drama and American & Canadian Studies

## ENGLISH

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Applied Corpus Linguistics MA	2:1 (Hons) in a relevant subject	£6,570 FT only	£13,665 FT only	1 year FT	29/09/14
Applied Linguistics MA/MA by DL	2:1 (Hons) in relevant subject	£6,570 FT £910 per module (DL), £2,730 dissertation (DL)	£13,665 FT £910 per module (DL), £2,730 dissertation (DL)	1 year FT 2.5 years DL	MA: 29/09/14 MA by DL: April or October 2014
Creative Writing MA	2:1 (Hons) in relevant subject	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Critical Discourse, Culture and Communication MA	2:1 (Hons) in relevant subject	£6,570 FT only	£13,665 FT only	1 year FT	29/09/14
English Language and Applied Linguistics MA	2:1 (Hons) in a relevant subject	£6,570 FT £3,285 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
English Literature MA	2:1 (Hons) in English Literature or another subject with a substantial English Literature element	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Literature, Culture and Modernity: Victorian and Modernist MA	2:1 (Hons) in relevant subject	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Literary Linguistics MA	2:1 (Hons) in relevant subject	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Medieval Studies (Medieval Literature pathway) MA	2:1 (Hons) in relevant subject	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Teaching English as a Foreign/Second Language (TEFL/TESL) MA/MA by DL	2:1 (Hons) in relevant subject	£6,570 FT £3,285 PT £910 per module, £2,730 dissertation (DL)	£13,665 FT £910 per module, £2,730 dissertation (DL)	1 year FT 15 months PT 2.5 years DL	MA: 29/09/14 MA by DL: April or October 2014
Translation Studies MA/MA by DL	2:1 (Hons) in a relevant subject	£6,570 FT £4,230 PT £910 per module, £2,730 dissertation (DL)	£13,665 FT £910 per module, £2,730 dissertation (DL)	1 year FT 2 years PT 2.5 years DL	MA: 29/09/14 MA by DL: April or October 2014
RESEARCH					
Corpus Linguistics MRes	2:1 (Hons) in a relevant subject	£6,570 FT £3,285 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Literature and Modernity MRes	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
Medieval Studies MRes	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
Applied Linguistics PhD via distance mode	2:1 (Hons) in relevant subject	£6,282.50 PT only	£6,282.50 PT only	4-6 years DL	Negotiable
Applied Linguistics PhD with Integrated Study	2:1 (Hons) in relevant subject or Masters in relevant subject (eg, Translation, Communication, Social Studies)	£3,950 FT £1,975 PT	£12,565 FT only	4 years FT 8 years PT	29/09/14
Creative Writing PhD/PhD by DL	Masters degree in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT £6,282.50 PT (DL only)	3 years FT 6 years PT	Negotiable



## Course finder [Apply online](#) (see pages 24–25)



Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
RESEARCH					
English Language and Applied Linguistics PhD/MA by Research	PhD: Masters degree in a relevant subject MA by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	PhD: 3 years FT 6 years PT MA by Research: 1 year FT 2 years PT	Negotiable
English Literature PhD/PhD by DL/MLitt/ MA by Research/MA by Research by DL	PhD: Masters degree in a relevant subject MLitt/MA by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT £6,282.50 PT (DL only)	PhD: 3 years FT 6 years PT MLitt: 2 years FT 4 years PT MA by Research: 1 year FT 2 years PT	Negotiable
Translation Studies PhD/PhD by DL/MA by Research/MA by Research by DL	PhD: Masters degree in a relevant subject MA by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT £6,282.50 PT (DL only)	PhD: 3 years FT 6 years PT MA by Research: 1 year FT 2 years PT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014–15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

We are one of the leading centres for the postgraduate study of English in the UK, offering expert teaching and research supervision to postgraduates across practically the entire historical and conceptual range of English language and literature. The most recent Research Assessment Exercise found that 60% of our research was of international excellence.

### Facilities and resources

All of our postgraduate students become part of – and contribute to – the vibrant international community of the College of Arts and Law Graduate School, which offers dedicated research resources, a supportive working environment and employability skills training. Our team of academic and operational staff are on hand to offer support and advice to all postgraduate students within the College.

We have many well-established resources to draw on, including those housed in the Cadbury Research Library, which holds approximately 120,000 pre-1850 books dating from 1471 and some three million manuscripts.

Students on our English Language programmes will be introduced to the 400 million-word Bank of English corpus, an invaluable collection of authentic language data. All students and researchers working within English Language also have free access to the Cobuild Direct corpus, and, where necessary, training in how to use this.

### Postgraduate study

Our programmes are challenging and rewarding and offer the opportunity to gain a highly respected qualification. We continue to recruit scholars at the forefront of English studies. Many of our able doctoral students move on to successful academic careers of their own.

The Department is also home to a wide variety of student-run postgraduate groups. We are particularly proud of the role which our postgraduates play in adding to the research culture and activity of the Department. Our postgraduate researchers often organise and run their own conferences and research fora, and manage their own journal, *The Birmingham Journal of Literature and Language*.

# School of English, Drama and American & Canadian Studies

## ENGLISH

### Scholarships and studentships

Research council funding, University and College of Arts and Law scholarships are available to postgraduates in English. Please see page 20 for details.

For further information on the funding available please visit the University's postgraduate funding database:  
[www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

Doctoral researchers in the Department may also have the chance to carry out some undergraduate teaching in their second and third (or equivalent for part-time) years, which can provide additional income.

### Learn more

[www.birmingham.ac.uk/english](http://www.birmingham.ac.uk/english)

## Taught programmes

Our taught programmes consist of six taught modules and a 15,000-word dissertation on the topic of your choice.

### Applied Corpus Linguistics MA

This flexible programme allows you to study corpus linguistics applied to other language areas, such as teaching and learning, translation or lexicography. You will take three core modules that are specific to corpus linguistics and three optional modules that focus on your chosen area of application.

Contact: Ms Sheila Brady – [s.a.brady@bham.ac.uk](mailto:s.a.brady@bham.ac.uk)

### Applied Linguistics MA

This programme is intended for anyone interested in the application of language research to language pedagogy, and for teachers of English who wish to upgrade their professional standing. You will study topics including describing language, social and psychological aspects of language, research methods and either discourse, culture and communication or syllabus and materials design.

This programme is also available by distance learning, with core content focusing on sociolinguistics and lexis, written discourse and classroom and spoken discourse, functional grammar and corpus linguistics. You also have the option to study language teaching and learning or translation theory and practice.

### Contacts:

Ms Sheila Brady – [s.a.brady@bham.ac.uk](mailto:s.a.brady@bham.ac.uk) (on-campus)  
[elalpg@contacts.bham.ac.uk](mailto:elalpg@contacts.bham.ac.uk) (distance learning)

### Creative Writing MA

This programme is for those who have completed an undergraduate degree containing some creative writing or for English graduates with considerable experience in writing creatively and who wish to proceed to a career or further study in this area. You will receive instruction and experience across a range of writing types, including new media, collaborating with other students across genres before specialising in either screenwriting, playwriting, fiction or poetry for your dissertation.  
 Contact: Dr Luke Kennard – [l.n.kennard@bham.ac.uk](mailto:l.n.kennard@bham.ac.uk)

### Critical Discourse, Culture and Communication MA

This programme enables you to concentrate on critical discourse, cross-cultural communication and the media. It is particularly suitable for those who want to move into higher education, journalism and the communication industry in general, or research the role of communication in media and society.  
 Contact: Ms Sheila Brady – [s.a.brady@bham.ac.uk](mailto:s.a.brady@bham.ac.uk)

### English Language and Applied Linguistics MA

This programme is ideal for language professionals, or for those intending to become language professionals. It will equip you with a detailed understanding of how English works, how it may be analysed, and how languages are learned. You will also have an opportunity to develop expertise in specific areas of Linguistics, such as Corpus Linguistics, Literary Linguistics and Cognitive Linguistics.

Contact: Ms Sheila Brady – [s.a.brady@bham.ac.uk](mailto:s.a.brady@bham.ac.uk)





## Course finder [Apply online](#) (see pages 24–25)

### English Literature MA

Drawing on our extensive international research expertise, this programme develops your critical skills in the field of English literary studies. It provides a solid grounding in the key intellectual debates on a range of period and context specialisms and develops skills required for writing a dissertation.

Contact: Professor Claire Preston – [c.e.preston@bham.ac.uk](mailto:c.e.preston@bham.ac.uk)

### Literature, Culture and Modernity: Victorian and Modernist MA

This MA explores the literary and cultural forms and movements that emerged in the decades around 1900, as industrialisation, urbanisation and other forces of modernity reshaped society. It enables the in-depth study of specific authors and texts associated with particular moments – such as *fin de siècle* decadence or the politically committed modernism of the 1930s – and offers a breadth of perspective by moving across periods that are often artificially divided.

Contact: Dr John Fagg – [j.m.fagg@bham.ac.uk](mailto:j.m.fagg@bham.ac.uk)

### Literary Linguistics MA

This programme explores the language of literary texts from many angles, drawing on linguistic description and insights. You will acquire an understanding of stylistics theory and methodology while studying the role of grammar, semantics and pragmatics in the reading of literary texts. You will also study narratology, applied to prose fiction and film. In addition, you will look at exciting new approaches in stylistics: multimodal analysis, cognitive poetics and corpus stylistics.

Contact: Ms Sheila Brady – [s.a.brady@bham.ac.uk](mailto:s.a.brady@bham.ac.uk)

### Medieval Studies (Medieval Literature pathway) MA

This programme allows you to gain interdisciplinary skills while studying a discipline-specific pathway at an advanced level, providing you with a solid grounding for your further studies or future career. The Medieval Literature pathway focuses specifically on key resources and methods for literary work in the medieval period and offers opportunities to study a variety of materials including literary texts, manuscripts and church art.



For pathways in Byzantine studies, archaeology and history, see pages 77, 82 and 87 respectively.

Contact: Professor Naomi Standen – [n.standen@bham.ac.uk](mailto:n.standen@bham.ac.uk)

### Teaching English as a Foreign/Second Language (TEFL/TESL) MA

This programme is intended for those interested in, or already pursuing, a career in English language teaching; it is most suitable for those whose interests lie mainly in classroom practice. You will explore different approaches to the teaching and learning of English and study the close relationship between language teaching theory and practice. You will focus on syllabus and materials design, the theory and practice of language teaching and learning, ways of teaching grammar and vocabulary, and research methods. This programme is also available by distance learning, covering a range of topics including ELT methodology, classroom research, second language acquisition, pedagogic grammar and lexis, syllabus and materials, classroom and spoken discourse, written discourse, ELT management and sociolinguistics.

Contacts:

Ms Sheila Brady – [s.a.brady@bham.ac.uk](mailto:s.a.brady@bham.ac.uk) (on-campus)  
[elalpg@contacts.bham.ac.uk](mailto:elalpg@contacts.bham.ac.uk) (distance learning)

### Translation Studies MA

This programme is designed for people who would like to start a career as professional translators, for translators who wish to further develop their skills, or for anyone who is interested in translation and cross-cultural communication as an area of research. Translation practice is at the heart of the programme, with opportunities for extensive practical and specialised translation, in addition to a wide range of optional modules focusing on theory and methodology. This programme is also available by distance learning, as a flexible programme of study which provides a solid foundation in translation theory, technology and methodology, and allows you the option to carry out either two practical translation projects or two research projects.

Contacts:

Ms Sheila Brady – [s.a.brady@bham.ac.uk](mailto:s.a.brady@bham.ac.uk) (on-campus)  
[elalpg@contacts.bham.ac.uk](mailto:elalpg@contacts.bham.ac.uk) (distance learning)

# School of English, Drama and American & Canadian Studies

## ENGLISH

### Research programmes

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Our research students enter a self-motivated, vibrant and enthusiastic community of international scholars with an active research culture. You are supported in your research by your supervisor and other advisors, by a regular programme of student-led seminars, and by participation in department seminars and talks by visiting speakers.

In addition to our PhD and MA by Research programmes, we offer MRes programmes which combine taught modules with an individual research project of 20,000 words. They are aimed at those who wish to move beyond undergraduate work and to engage in research in depth, but who also wish to take modules that help to develop research and related skills. These programmes can be studied on a standalone basis or used as a stepping stone to a PhD.

#### Corpus Linguistics MRes

This programme has three taught modules that provide a thorough preparation for a research thesis relating to any aspect of corpus linguistics. You will learn how to undertake corpus research, how corpus research is applied to other areas of linguistics, and theoretical implications of corpus research. Your thesis can be on any aspect of language description or theory, or on an aspect of applied linguistics, using corpus methodologies.

Contact: Dr Nicholas Groom – [n.w.groom@bham.ac.uk](mailto:n.w.groom@bham.ac.uk)

#### Literature and Modernity MRes

This programme offers you the opportunity to pursue higher level study of literary texts and aesthetic debates from the late 19th and early 20th centuries, with a particular focus on the concepts of Aestheticism, Decadence and Modernism. It provides a solid grounding in the key critical scholarship on Victorian Modernity and Modernism, and introduces and encourages you to participate within the current vibrant field of late 19th-century and modernist studies.

Contact: Dr Deborah Longworth – [d.l.longworth@bham.ac.uk](mailto:d.l.longworth@bham.ac.uk)

#### Medieval Studies MRes

This programme offers opportunities to engage in the advanced study of Medieval English texts (or another medieval literature and culture), with options to explore links between medieval writing, cultural production and social processes.

Contact: Professor Wendy Scase – [w.l.scase@bham.ac.uk](mailto:w.l.scase@bham.ac.uk)

#### Applied Linguistics PhD via distance mode

We offer two innovative distance learning PhD pathways. The Sandwich PhD involves writing a thesis of 80,000 words. The Modular PhD in Applied Linguistics is structured as three modules; module one involves writing a paper of 12,000 words; module two requires papers amounting to 20,000 words; and module three involves writing a thesis of 50,000 words.

Contact: [english-phd@contacts.bham.ac.uk](mailto:english-phd@contacts.bham.ac.uk)

#### Applied Linguistics PhD with Integrated Study

This PhD combines taught modules and research training with a full-length doctoral dissertation. It has been developed not only to build on research strengths in linguistics, English language teaching, bilingual education and multilingualism, but also to build on modules from existing MA and MRes programmes in English.

Contact: [english-phd@contacts.bham.ac.uk](mailto:english-phd@contacts.bham.ac.uk)

#### Creative Writing PhD

This programme aims to support you in the development of a long-form piece of creative writing (for example, a novel or a script), or a sequence of related works (poems and short stories). You will be working in an environment which supports and encourages the development of craft and participation within a community of writers and scholars.

Contact: [english-phd@contacts.bham.ac.uk](mailto:english-phd@contacts.bham.ac.uk)



## Course finder [Apply online](#) (see pages 24–25)

### English Language and Applied Linguistics

PhD/MA by Research

We offer two research programmes: an MA by Research, which requires you to prepare a dissertation of up to 40,000 words on a topic of your choice; or a PhD, which leads to a dissertation of up to 80,000 words. Our research strengths include:

- Corpus research and lexicology
- Discourse analysis
- English as a global language
- Language learning and teaching

Contact: [english-phd@contacts.bham.ac.uk](mailto:english-phd@contacts.bham.ac.uk)

### English Literature PhD/MLitt/MA by Research

We offer three research programmes: an MA by Research, which requires you to prepare a dissertation of up to 40,000 words on a topic of your choice; an MLitt, culminating in a 60,000-word dissertation; or a PhD, which leads to a dissertation of up to 80,000 words. Our principal areas of research expertise include:

- Medieval English
- Early Modern English
- Restoration, 18th century and the Romantics
- 19th and 20th century research

Contact: [english-phd@contacts.bham.ac.uk](mailto:english-phd@contacts.bham.ac.uk)

### Translation Studies PhD/MA by Research

Expert supervision is available from staff within our Departments of English and Modern Languages, representing a variety of relevant topics and specialisms. Research strengths include:

- Translation history
- Literary translation and reception
- Adaptation
- Translation and popular culture
- Translation stylistics
- Gender and translation
- Corpus-based translation studies

Contact: [english-phd@contacts.bham.ac.uk](mailto:english-phd@contacts.bham.ac.uk)



For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at: [www.birmingham.ac.uk/drp](http://www.birmingham.ac.uk/drp)

'At the University of Birmingham I found a friendly academic atmosphere, top-class library facilities, great friends and excellent professors in the English department: all of my expectations were met to an impressive standard. Birmingham is one of the best research-oriented universities in the world: studying for a PhD here, you will gain more than just a degree.'

*Intisarn Chaiyasuk, PhD graduate, Department of English*

# School of English, Drama and American & Canadian Studies

## THE SHAKESPEARE INSTITUTE

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Cultural Heritage of Shakespeare's England MA	2:1 (Hons) in a relevant subject (eg, History, English, Art History or Cultural Studies)	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Shakespeare and Creativity MA	2:1 (Hons) in a relevant subject or relevant professional experience	£6,210 FT only	£13,665 FT only	1 year FT	29/09/14
Shakespeare and Education MA/MA by DL/PGDip/PGDip by DL	2:1 (Hons) in a relevant subject or Certificate of HE in Shakespeare Studies. Other qualifications and backgrounds will be considered	£6,210 FT £610 per module, £1,830 dissertation (PT and DL)	£13,665 FT £610 per module, £1,830 dissertation (PT and DL)	1 year FT 2–3 years PT 2–3 years DL	29/09/14
Shakespeare and Theatre MA/MA by DL/PGDip/PGDip by DL	2:1 (Hons) in a relevant subject or Certificate of HE in Shakespeare Studies. Other qualifications and backgrounds will be considered	£6,210 FT £610 per module, £1,830 dissertation (PT and DL)	£13,665 FT £610 per module, £1,830 dissertation (PT and DL)	1 year FT 2–3 years PT 2–3 years DL	29/09/14
Shakespeare, Stratford-upon-Avon and the Cultural History of Renaissance England MA	2:1 (Hons) in a relevant subject	£6,210 FT £3,105 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Shakespeare Studies MA	2:1 (Hons) in a relevant subject	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2–3 years PT	29/09/14
RESEARCH					
Shakespeare and Creativity PhD with Integrated Study	2:1 (Hons) in a relevant subject or relevant professional experience	£4,450 FT only	£13,065 FT only	4 years FT	29/09/14
Shakespeare Studies PhD with Integrated Study	2:1 (Hons) in a relevant subject	£4,450 FT £2,225 PT	£13,065 FT only	4 years FT 5–8 years PT	29/09/14
Shakespeare Studies PhD/PhD by DL/MLitt/MA by Research/MLitt/MA by Research by DL	PhD: Masters degree in a relevant subject MLitt/MA by Research: 2:1 (Hons) in a relevant subject	£4,450 FT £2,225 PT DL: £3,950 FT £1,975 PT	£13,065 FT DL: £12,565 FT £6,282.50 PT	PhD: 3 years FT 6 years PT MLitt: 2 years FT 4 years PT MA by Research: 1 year FT 2 years PT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014-15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.



## Course finder [Apply online](#) (see pages 24–25)



Situated in Stratford-upon-Avon – within walking distance of Shakespeare's birthplace, school and grave, and the theatres of the Royal Shakespeare Company (RSC) – the Shakespeare Institute offers postgraduate students and scholars an academic experience unrivalled by any other university.

### Facilities and resources

Your learning resources are all around you. We have the extensive resources of the Shakespeare Institute Library (a renowned collection of international importance), the library of the Shakespeare Centre that curates the archives of the Royal Shakespeare Company, and the RSC itself. You also have access to the outstanding picture collections, records and library holdings of the Shakespeare Birthplace Trust. The Institute is housed in 17th- and 18th-century buildings, which retain their domestic atmosphere, providing a working environment where learning spills over beyond formal tuition into play-readings in the lounge, performances in the lecture hall, and discussion and debate in the common room, kitchen and extensive gardens and grounds.

All of our postgraduate students become part of – and contribute to – the vibrant international community of the College of Arts and Law Graduate School, which offers dedicated research resources, a supportive working environment and employability skills training. Our team of academic and operational staff are on hand to offer support and advice to all postgraduate students within the College.

### Postgraduate study

The Institute provides an intense learning experience in which you will contribute to the advancement of the study of Shakespeare, from a range of perspectives, with the support and encouragement of staff, all of whom are respected academics in their own field.

The Shakespeare Institute runs a series of Thursday seminars which are given by members of staff and invited speakers. The seminars last approximately 45 minutes and approach the study of Shakespeare from a range of perspectives, including: the relationship between Shakespeare's work and the drama of his time; broader aspects of early modern culture and literature; and the subsequent cultural significance of Shakespeare's plays and their performance on stage and screen.

### Study options

Our Shakespeare and Education and Shakespeare and Theatre programmes have a flexible structure which allows study in a wide variety of ways, on a full- or part-time basis. Full-time study is on-site in Stratford-upon-Avon and is delivered through a variety of routes which include day schools or weekend schools. Part-time students can choose to study either on-site, via distance learning or a combination of the two (some modules may be available on-site only).

### Scholarships and studentships

Research council funding, University and College of Arts and Law Scholarships are available to postgraduates at the Shakespeare Institute. Please see page 20 for details.

For further information on the funding available please visit the University's postgraduate funding database:

[www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

Doctoral researchers in the Department may also have the chance to carry out some undergraduate teaching in their second and third (or equivalent for part-time) years, which can provide additional income.

### Learn more

[www.birmingham.ac.uk/shakespeare](http://www.birmingham.ac.uk/shakespeare)



# School of English, Drama and American & Canadian Studies

## THE SHAKESPEARE INSTITUTE

### Taught programmes

Our taught programmes consist of six taught modules and, for MA students, a 15,000-word dissertation on the topic of your choice.

#### Cultural Heritage of Shakespeare's England MA

This interdisciplinary programme examines how we understand, market and present the cultural heritage of Shakespeare's England. It is taught through an imaginative collaboration between the Centre for Reformation and Early Modern Studies, the Shakespeare Institute and the Ironbridge International Institute for Cultural Heritage, in association with the Shakespeare Birthplace Trust. It is ideal for those with a broad interest in Shakespeare, art and historic buildings, cultural history or early modern studies.

Contact: Dr Tara Hamling – [t.j.hamling@bham.ac.uk](mailto:t.j.hamling@bham.ac.uk)

#### Shakespeare and Creativity MA

This new programme offers a unique approach to the study of Shakespeare's life and work, fusing traditional scholarly approaches with the thrill of being involved in new creative work. It makes the most of the unrivalled resources of Shakespeare's Stratford and involves expert tuition from the Shakespeare Birthplace Trust, the Royal Shakespeare Company, and the new Library of Birmingham. This programme will attract aspiring academics, actors, writers, directors, arts administrators, as well as anyone with a lively interest in Shakespeare.

Contacts:

Professor Ewan Fernie – [e.fernie@bham.ac.uk](mailto:e.fernie@bham.ac.uk)

Dr Abigail Rokison – [a.rokison@bham.ac.uk](mailto:a.rokison@bham.ac.uk)

#### Shakespeare and Education MA/PGDip

This unique, modular programme is particularly appropriate for practising teachers, offering the opportunity to enhance expertise in different aspects of Shakespeare's work. It focuses centrally on the ways in which Shakespeare has been used in the classroom in different historical and cultural moments while also incorporating study of Shakespeare's plays in performance and adaptation.

Contact: Dr Erin Sullivan – [e.sullivan@bham.ac.uk](mailto:e.sullivan@bham.ac.uk)

#### Shakespeare and Theatre MA/PGDip

This innovative programme focuses on how Shakespeare's plays work in performance. It encourages a historical approach to interpretation and styles of presentation and it promotes the value of close reading as the basis for evaluating the plays on the page, stage and screen. You will have the opportunity to look at different productions and adaptations of Shakespeare's plays in their historical, political and cultural contexts and to think about the performance choices actors and directors make when approaching Shakespeare's texts.

Contact: [shakespeare@bham.ac.uk](mailto:shakespeare@bham.ac.uk)

#### Shakespeare, Stratford-upon-Avon and the Cultural History of Renaissance England MA

This exciting interdisciplinary MA invites you to understand Shakespeare's works in the context of the social and cultural history of the period. The programme is taught by fellows at the Shakespeare Institute and members of the Department of History, whose areas of expertise include art and material culture, local history, court politics, gentry culture, reformation studies and popular belief, textual criticism, the business of playwriting and early modern drama.

Contact: Dr Tara Hamling – [t.j.hamling@bham.ac.uk](mailto:t.j.hamling@bham.ac.uk)

#### Shakespeare Studies MA

This programme offers an unrivalled opportunity for the study of Shakespeare at postgraduate level. It develops a critical but appreciative understanding of Shakespeare's contribution to literary and theatrical history, and the place his works occupy in today's cultural landscape. The programme has proved invaluable for students heading towards a variety of careers, and it provides a solid foundation for research at a higher level.

Contact: [shakespeare@bham.ac.uk](mailto:shakespeare@bham.ac.uk)



Course finder [Apply online](#) (see pages 24–25)



## Research programmes

Our research degrees offer the opportunity to undertake an in-depth exploration of Shakespeare's life and work, supported by dedicated research training. You will work towards writing a thesis on a topic of your choice, and will be supervised by a member of the Institute's teaching staff.

### Shakespeare and Creativity PhD with Integrated Study

This distinctive research programme combines taught modules which mirror the content of the Shakespeare and Creativity MA (see page 70) with a full-length doctoral dissertation. The taught content offers a unique approach to the study of Shakespeare's life and work, fusing traditional scholarly approaches with the thrill of being involved in new creative work.

Contacts:

Professor Ewan Fernie – [e.fernie@bham.ac.uk](mailto:e.fernie@bham.ac.uk)

Dr Abigail Rokison – [a.rokison@bham.ac.uk](mailto:a.rokison@bham.ac.uk)

### Shakespeare Studies PhD with Integrated Study

This programme combines taught modules – chosen from a range of Shakespeare Institute modules – with a full-length doctoral dissertation. It allows you to combine a broad foundation in Shakespeare studies and its research methods, through taught and assessed coursework, with the full research training and experience of a traditional PhD.

Contact: [shakespeare-phd@contacts.bham.ac.uk](mailto:shakespeare-phd@contacts.bham.ac.uk)

### Shakespeare Studies PhD/MLitt/MA by Research

We offer three research programmes: an MA by Research, which requires you to prepare a dissertation of up to 40,000 words on a topic of your choice; an MLitt, culminating in a 60,000-word dissertation; or a PhD, which leads to a dissertation of up to 80,000 words. Our research interests include:

- Shakespeare in performance
- Shakespeare and poetry
- Shakespeare's cultural legacy
- The representation of Shakespeare
- Notions of authorship and nation
- Editing and textual criticism
- The writings, representation and reputation of Elizabeth I
- Dramatic works of the 16th and 17th centuries
- Early modern poetry and drama
- Shakespeare and the civic
- Georgian, Victorian and Edwardian theatre

Contact: [shakespeare-phd@contacts.bham.ac.uk](mailto:shakespeare-phd@contacts.bham.ac.uk)

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
**[www.birmingham.ac.uk/drps](http://www.birmingham.ac.uk/drps)**



'The new MA and PhD in Shakespeare and Creativity evolved dynamically out of research interests here at the Shakespeare Institute. Our courses try to make the seminar room a more inventive place where we work in an ethos of creativity, encouraging students to be co-creators with each other and with Shakespeare.'

**Professor Ewan Fernie**, Chair of Shakespeare Studies and Fellow, Shakespeare Institute, pictured at the Institute with lecturer Dr Abigail Rokison and Masters students Emer McHugh, Laura Nicklin, Hannah Perrin and David Graybill.

**LEARN MORE** [www.birmingham.ac.uk/pgprofiles](http://www.birmingham.ac.uk/pgprofiles)

# School of History and Cultures

## AFRICAN STUDIES AND ANTHROPOLOGY

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Africa and Development MA	2:1 (Hons) in humanities, social science or other relevant subject	£7,020 FT £3,510 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
African Studies MA/PGDip	MA: 2:1 (Hons) in a relevant subject PGDip: Less relevant subjects and backgrounds will be considered	MA: £5,940 FT £2,970 PT PGDip: £3,960 FT £1,980 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Social Research (African Studies) MA	2:1 (Hons) in a relevant subject	£5,940 FT only	£13,665 FT only	1 year FT	29/09/14
RESEARCH					
African Studies MRes	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
Caribbean Literature MRes	2:1 (Hons) in a relevant subject	£3,950 FT only	£12,565 FT only	1 year FT	29/09/14
African Studies PhD/PhD by DL/MA by Research/MA by Research by DL	PhD: Masters degree in a relevant subject MA by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT £6,282.50 PT (DL only)	PhD: 3 years FT 6 years PT MA by Research: 1 year FT 2 years PT	Any month except July and August

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014–15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

We are a unique interdisciplinary department incorporating the only West African Studies Centre in the world, and we teach and supervise on all of Africa and its diasporas. In the most recent national assessment of research, more than 60% of our publications were rated of 'international excellence'.

In the Department, students from all parts of Africa, Britain, Europe, America and the Caribbean work together in a friendly community. There is a wealth of student-led social and recreational activity, including the Centre of West African Studies Society (CWASSOC) – which organises recreational and cultural activities among students – and a variety of departmental seminars and discussion groups.

### Facilities and resources

All of our postgraduate students become part of – and contribute to – the vibrant international community of the College of Arts and Law Graduate School, which offers excellent research resources, a supportive working environment and employability skills training. Our team of academic and operational staff are on hand to offer support and advice to all postgraduate students within the College.

The Danford Collection of West African Art and Artefacts celebrates and showcases the extensive array of cultural traditions and artistic expression from West Africa. Its contents range from historic carvings to contemporary fine art, and it is one of the finest collections of its kind in Europe. The collection is housed within the Department and is used for teaching, research seminars, poetry readings and educational events for schools, as well as being open to the public. It is one of the many hidden treasures at the University of Birmingham.

# School of History and Cultures

## AFRICAN STUDIES AND ANTHROPOLOGY

Our research resources include substantial holdings of archive material and documentation relating to Africa – including historic West African newspapers and periodicals, the Church Missionary Society archive, a collection of popular pamphlets, and various other colonial/missionary records.

### Postgraduate study

We are a friendly, well-integrated community. Staff and postgraduate students work together closely and discuss their research interests at regular meetings. There is also a regular programme of formal seminars at which staff, postgraduate students and visiting scholars present papers and discuss their work-in-progress. In addition, the Department hosts occasional round-table interdisciplinary research conferences, to which our postgraduate students are invited. There is a highly regarded series of in-house publications linked to these conferences, which often include work by our postgraduate students.

### Scholarships and studentships

Research council funding, University and College of Arts and Law Scholarships are available to postgraduates in African Studies and Anthropology. Please see page 20 for details.

For further information on the funding available please visit the University's postgraduate funding database:

[www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

Doctoral researchers in the Department may also have the chance to carry out some undergraduate teaching in their second and third (or equivalent for part-time) years, which can provide additional income.

Learn more

[www.birmingham.ac.uk/dasa](http://www.birmingham.ac.uk/dasa)

## Taught programmes

Our taught programmes consist of six taught modules and a 15,000-word dissertation on the topic of your choice.

Contact for all taught programmes: [dasa@contacts.bham.ac.uk](mailto:dasa@contacts.bham.ac.uk)

### Africa and Development MA

This programme combines development studies with an interdisciplinary focus on Africa. It provides an advanced understanding of the African cultural, political and historical circumstances which have been formative in the constitution of development studies as a field, and which have shaped the impact of development interventions in the continent.

### African Studies MA/PGDip

This programme provides you with an understanding of major social, cultural, political and economic developments in Africa and the Diaspora. It enables you to develop your critical and analytical powers in relation to current events in Africa, as well as your ability to approach contemporary African issues from interdisciplinary standpoints.

### Social Research (African Studies) MA

This is a research programme that focuses on contemporary Africa. It provides you with an understanding of major social, cultural, political and economic developments and provides you with the research training necessary to undertake a social-science based study of contemporary Africa.





Course finder [Apply online](#) (see pages 24–25)



## Research programmes

We offer you the opportunity to carry out research in a centre of excellence in the study of Africa. We are recognised both by the Arts and Humanities Research Council and the Economic and Social Research Council funding bodies.

In addition to our PhD and MA by Research programmes, we offer MRes programmes which combine taught modules with an individual research project of 20,000 words. They are aimed at those who wish to move beyond undergraduate work and to engage in research in depth, but who also wish to take modules that help to develop research and related skills. These programmes can be studied on a standalone basis or used as a stepping stone to a PhD.

### African Studies MRes

This programme aims to develop your critical and analytical skills in relation to current ideas in African politics, history and anthropology, or African and Caribbean literature. You may choose to undertake independent study, or focus on a particular area within the subject. Our research strengths include:

- African and Caribbean literature
- Literature and post-colonial critical theory
- Gender issues
- History and politics
- Media and popular culture
- Atlantic slavery
- Livelihoods and development
- Modern Ghana
- The social life of the economy
- Trajectories of emancipation
- Yoruba culture

Contact: [dasa@contacts.bham.ac.uk](mailto:dasa@contacts.bham.ac.uk)

### Caribbean Literature MRes

On this programme you cover a broad range of poetry and fiction from English, French and Spanish Caribbean. In the process you engage with issues of Caribbean history, politics, national identity, gender and sexuality.

Contact: [dasa@contacts.bham.ac.uk](mailto:dasa@contacts.bham.ac.uk)

### African Studies PhD/MA by Research

We offer two research programmes: an MA by Research, which requires you to prepare a dissertation of up to 40,000 words on a topic of your choice; or a PhD, which leads to a dissertation of up to 80,000 words. Our research interests include:

- Popular culture
- Religion, oral literature and performance
- Yoruba culture and society
- African and Caribbean literature
- Postcolonial British literature
- Caribbean film and music
- Livelihoods
- Religion and politics in Nigeria
- History and politics
- Contemporary history of Ghana and Togo
- Social change and education
- Labour, trade and migration

Contact: [dasa@contacts.bham.ac.uk](mailto:dasa@contacts.bham.ac.uk)

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
**[www.birmingham.ac.uk/drpf](http://www.birmingham.ac.uk/drpf)**

# School of History and Cultures

## BYZANTINE, OTTOMAN AND MODERN GREEK STUDIES

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Antiquity MA (Byzantine Studies pathway)	2:1 (Hons) in a relevant subject	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 year PT	29/09/14
Medieval Studies MA (Byzantine Studies pathway)	2:1 (Hons) in a relevant subject	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
RESEARCH					
Byzantine Studies MRes	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
Modern East Mediterranean History MRes	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
Modern Greek Studies MRes	2:1 (Hons) in any subject, with experience related to the research topic	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
Ottoman Studies MRes	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
Byzantine, Ottoman and Modern Greek Studies PhD/PhD by DL/MA by Research/MA by Research by DL	PhD: Masters degree in a relevant subject MA by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT £6,282.50 PT (DL only)	PhD: 3 years FT 6 years PT MA by Research: 1 year FT 2 years PT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014–15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

The Centre for Byzantine, Ottoman and Modern Greek Studies is the only research centre in the UK which brings all of these subjects together within a single unit. The Centre's staff offer a wide range of expertise in the history and languages of the East Mediterranean region.

### Facilities and resources

All of our postgraduate students become part of – and contribute to – the vibrant international community of the College of Arts and Law Graduate School, which offers excellent research resources, a supportive working environment and employability skills training. Our team of academic and operational staff are on hand to offer support and advice to all postgraduate students within the College.

We have an outstanding research collection in the University Library, with strong holdings in periodicals and other scholarly publications, including those in relevant European languages, and subscriptions to all major online databases and e-resources. We also benefit from access to the Barber Institute's collection of Roman and Byzantine coins – one of the largest in the world.

### Postgraduate study

We provide a stimulating and supportive research environment for postgraduate study. We encourage you to attend conferences on subjects related to your research interests and to participate in our lively interdisciplinary seminar series (some of which are run by our postgraduates). Every year in late May, the current research students of the Centre organise the annual Postgraduate Research Colloquium of the Centre for Byzantine, Ottoman and Modern Greek Studies, where they have the opportunity to present their work and are trained in giving academic presentations.



## Course finder **Apply online** (see pages 24–25)

### Scholarships and studentships

Research council funding, University and College of Arts and Law Scholarships are available to postgraduates in Byzantine, Ottoman and Modern Greek Studies. Please see page 20 for details.

For further information on the funding available please visit the University's postgraduate funding database:  
[www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

Doctoral researchers in the Department may also have the chance to carry out some undergraduate teaching in their second and third (or equivalent for part-time) years, which can provide additional income.

Learn more

[www.birmingham.ac.uk/bomgs](http://www.birmingham.ac.uk/bomgs)



### Taught programmes

Our taught programmes consist of six taught modules and a 15,000-word dissertation on the topic of your choice.

#### Antiquity (Byzantine Studies pathway) MA

This pathway of the Antiquity MA allows you to study the political, cultural, social, economic and literary history of the Byzantine Empire. It includes an overview of essential sources for the study of Byzantium – images, documents, narrative accounts, coins, seals, inscriptions, archaeological remains – and explores the possibilities and limits of each. (See also Antiquity MA, page 80).

Contact: Dr Niall Livingstone – [n.r.livingstone@bham.ac.uk](mailto:n.r.livingstone@bham.ac.uk)

#### Medieval Studies (Byzantine Studies pathway) MA

This programme allows you to gain interdisciplinary skills while studying a discipline-specific pathway at an advanced level, providing you with a solid grounding for your further studies or future career. The Byzantine Studies pathway provides introductory training in a variety of subject areas, such as historical writing, charters and documents, art history, numismatics, epigraphy and sigillography.

For pathways in literature, archaeology and history, see pages 65, 82 and 87 respectively.

Contact: Professor Naomi Standen – [n.standen@bham.ac.uk](mailto:n.standen@bham.ac.uk)

# School of History and Cultures

## BYZANTINE, OTTOMAN AND MODERN GREEK STUDIES

### Research programmes

We offer you the opportunity to carry out research in the field of Eastern Mediterranean and Balkan history and culture from the Byzantine to the modern period, whether your interests are historical, art historical, archaeological or literature-based.

In addition to our PhD and MA by Research programmes, we offer MRes programmes which combine taught modules with an individual research project of 20,000 words. They are aimed at those who wish to move beyond undergraduate work and to engage in research in depth, but who also wish to take modules that help to develop research and related skills. These programmes can be studied on a standalone basis or used as a stepping stone to a PhD.

#### Byzantine Studies MRes

This programme is intended for students who have a background in Byzantine Studies and, normally, some knowledge of Greek. The taught elements of the programme provide the opportunity to deepen your knowledge of Byzantium through a range of modules in archaeology, art, history, literature and numismatics.

Contact: Dr Ruth Macrides – [r.j.macrides@bham.ac.uk](mailto:r.j.macrides@bham.ac.uk)

#### Modern East Mediterranean History MRes

This degree offers the chance to explore key aspects of East Mediterranean history in the 19th, 20th and 21st centuries, with a focus on the study of primary evidence. Special emphasis is put on the causes and consequences of Great Power intervention in the region, such as the world wars, the Cold War, the Arab–Israeli conflict and the war on terror.

Contact: Dr Steven Morewood – [s.morewood@bham.ac.uk](mailto:s.morewood@bham.ac.uk)

#### Modern Greek Studies MRes

This programme introduces you to recent developments in the areas of Modern Greek language, literature, history and culture. The taught elements of the programme will provide you with a solid grounding in scholarship in Modern Greek Studies.

Contact: Professor Dimitris Tziouvas – [d.p.tziouvas@bham.ac.uk](mailto:d.p.tziouvas@bham.ac.uk)

#### Ottoman Studies MRes

This programme is designed to introduce you to the state of the field in current research on Ottoman history, cultural studies and allied disciplines. The taught elements will provide appropriate training in the use of original sources, both narrative and documentary, in Ottoman Turkish.

Contact: Dr Rhoads Murphey – [r.murphey@bham.ac.uk](mailto:r.murphey@bham.ac.uk)

#### Byzantine, Ottoman and Modern Greek Studies

PhD/MA by Research

We offer two research programmes: an MA by Research, which requires you to prepare a dissertation of up to 40,000 words on a topic of your choice; or a PhD, which leads to a dissertation of up to 80,000 words.

Our research interests include:

- Byzantine studies: Byzantine and medieval Balkan history; institutional, cultural and intellectual history; art, material and cultural history; gender; archaeology; urban and rural economy; numismatics; social, legal and literary history
- East Mediterranean history: diplomacy, strategy, economies (19th and 20th centuries)
- Ottoman studies: social and economic history; technology; political thought
- Modern Greek studies: literature, history and culture

Contact: [caha-phd@contacts.bham.ac.uk](mailto:caha-phd@contacts.bham.ac.uk)

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at: [www.birmingham.ac.uk/drps](http://www.birmingham.ac.uk/drps)

FT Full-time  
PT Part-time  
DL Distance Learning

## CLASSICS, ANCIENT HISTORY AND ARCHAEOLOGY

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Antiquity MA	2:1 (Hons) in a relevant subject	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Archaeology MA/PGDip/PGCert	MA: 2:1 (Hons) in a relevant subject PGDip/PGCert: 2:2 (Hons) in a relevant subject	MA: £5,940 FT £2,970 PT PGDip: £3,960 FT £1,980 PT PGCert: £1,980 FT only	£13,665 FT only	MA/PGDip: 1 year FT 2 years PT PGCert: 4 months FT	29/09/14
Landscape Archaeology, GIS and Virtual Environments MA by DL	2:1 (Hons) in a relevant subject	£3,510 PT only	£3,510 PT only	2 years PT	29/09/14
Medieval Studies MA (Medieval Archaeology pathway)	2:1 (Hons) in a relevant subject	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
RESEARCH					
Ancient History MRes (subject to approval)	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
Archaeology MRes	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
Classics MRes	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
Cuneiform and Ancient Near Eastern Studies MRes	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
Egyptology MRes	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
Greek Archaeology MRes	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
Late Antiquity MRes	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
Archaeology PhD/PhD by DL/MA by Research/MA by Research by DL	PhD: Masters degree in a relevant subject MA by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT £6,282.50 PT (DL only)	PhD: 3 years FT 6 years PT MA by Research: 1 year FT 2 years PT	Negotiable
Classics and Ancient History PhD/PhD by DL/MA by Research/MA by Research by DL	PhD: Masters degree in a relevant subject MA by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT £6,282.50 PT (DL only)	PhD: 3 years FT 6 years PT MA by Research: 1 year FT 2 years PT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014–15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

Classics, Ancient History and Archaeology covers a variety of subjects – from mythology to iconoclasm, from hi-tech computer modelling of sites and of precious objects to the archaeology of wetlands and the tombs of the Pharaohs.

### Facilities and resources

All of our postgraduate students become part of – and contribute to – the vibrant international community of the College of Arts and Law Graduate School, which offers excellent

research resources, a supportive working environment and employability skills training. Our team of academic and operational staff are on hand to offer support and advice to all postgraduate students within the College.

We have an outstanding research collection in the University Library, with strong holdings in periodicals and other scholarly publications, including those in relevant European languages, and subscriptions to all major online databases and e-resources.



# School of History and Cultures

## CLASSICS, ANCIENT HISTORY AND ARCHAEOLOGY

If your interests are in late antiquity, the medieval Balkans or modern Greece, your research will be supported by the excellent specialist library housed in our Whitting Room.

### Postgraduate study

We have a vibrant and productive postgraduate community and students are encouraged to enter fully into the life of the Department and the University. We enable advanced research students to broaden their skills through appropriate training in teaching skills and, where possible, through offering the chance to gain experience in teaching. In addition, our annual postgraduate colloquia provide training in oral presentation skills and the professional dissemination of research within an interdisciplinary environment.

### Scholarships and studentships

Research council funding, University and College of Arts and Law Scholarships are available to postgraduates in Classics, Ancient History and Archaeology. Please see page 20 for details.

For further information on the funding available please visit the University's postgraduate funding database:

[www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

Doctoral researchers in the Department may also have the chance to carry out some undergraduate teaching in their second and third (or equivalent for part-time) years, which can provide additional income.

### Learn more

[www.birmingham.ac.uk/caha](http://www.birmingham.ac.uk/caha)

## Taught programmes

Our taught programmes consist of six taught modules and a 15,000-word dissertation on a topic of your choice.

### Antiquity MA

Our MA in Antiquity offers a choice of eight pathways covering the full range of subjects associated with study of the ancient world. You will study three core modules and three optional modules

(from across all of the programme's pathways), offering the opportunity for interdisciplinary study.

Pathways available are:

- **Ancient History** – this pathway concentrates on the intertwined histories of the civilisations that founded the modern West. It draws together Greece and Rome, while also opening wider perspectives on North Africa, Egypt and the Near East.
- **Byzantine Studies** – this pathway allows you to study the political, cultural, social, economic and literary history of the Byzantine Empire. It includes an overview of essential sources for the study of Byzantium (images, documents, narrative accounts, coins, seals, inscriptions, archaeological remains) and explores the possibilities and limits of each.
- **Classics** – this pathway is for students interested in advanced study of any aspect of Greco-Roman civilisation. Modules emphasise independent interpretation of primary evidence, and encourage you to draw connections across historical periods, between different types of evidence and between different cultures.
- **Classical Archaeology** – this pathway gives you a grounding in the advanced study of Greek and Roman civilisation through its physical remains, from the earliest times to the Byzantine period.
- **Egyptology** – this pathway provides training in archaeological and historical approaches to the study of Ancient Egyptian civilisation across its long history, as well as in Egyptian language.
- **European Archaeology** – this pathway focuses on archaeological evidence for the peoples of Europe from prehistory to the beginning of the Middle Ages. Uniquely, it provides a coherent understanding of changing cultures and societies from Scandinavia through to the Mediterranean.
- **Late Antiquity** – this pathway explores the transformation of the Roman World in the period AD 300–700. It examines major debates about the period, tackling historical, textual, archaeological and art historical material.
- **Roman History and Archaeology** – this pathway focuses on the study of one of the world's great empires, encompassing both history and archaeology, and tracing the development of imperialism in the west.



'I'm working on a Leverhulme-funded project to reconstruct cuneiform clay tablets. It's like having a huge 220,000-piece jigsaw with no end picture and you're not even sure if some of the pieces fit together. These puzzles are impossible to solve using traditional mathematics, but we can use heuristics and complexity theory to piece together fragments.'

**Andrew Lewis**, PhD, Department of Classics, Ancient History and Archaeology.

**LEARN MORE** [www.birmingham.ac.uk/pgprofiles](http://www.birmingham.ac.uk/pgprofiles)

# School of History and Cultures

## CLASSICS, ANCIENT HISTORY AND ARCHAEOLOGY

### Archaeology MA/PGDip/PGCert

Our Masters, Diploma and Certificate programmes in Archaeology offer a choice of two pathways. These programmes give you unique opportunities to pursue your own interests in an innovative environment, and to build the precise skill-set and knowledge base you need to support both future research and professional aspirations in archaeology and related heritage sectors.

Pathways available are:

- **Cultural Archaeology:** This pathway focuses on cultural interpretation in archaeology, both in relation to specific cultures/periods and current research themes, with opportunities to specialise in a range of subjects, including material culture studies, funerary archaeology, British and European prehistory, and Greek and Roman archaeology.
- **Landscape Archaeology:** This pathway will allow you to develop a thorough knowledge of current approaches to the investigation and interpretation of past landscapes. There are opportunities to specialise in a range of practical techniques, digital landscape studies, and interpretative approaches in thematic and period/area landscape studies.

Contact: Paul Garwood – p.j.garwood@bham.ac.uk

### Landscape Archaeology, GIS and Virtual Environments MA

This two-year distance learning programme gives you a thorough knowledge of current approaches to the archaeological investigation and interpretation of past landscapes. This programme is ideal if you require a foundation for further research or a vocational qualification for professional development or specialisation.

Contact: Paul Garwood – p.j.garwood@bham.ac.uk

### Medieval Studies (Medieval Archaeology pathway) MA

This programme allows you to gain interdisciplinary skills while studying a discipline-specific pathway at an advanced level, providing you with a solid grounding for your further studies or future career. The Medieval Archaeology pathway provides an

advanced overview of approaches to the archaeology of Europe, across a period extending from prehistory and the earliest history times to the threshold of the Middle Ages.

For pathways in literature, Byzantine Studies and history, see pages 65, 77 and 87 respectively.

Contact: Professor Naomi Standen – n.standen@bham.ac.uk

## Research programmes

We offer you the opportunity to carry out research in Classics, Ancient History and Archaeology, providing expert supervision in a range of specialisms. We offer two research programmes: an MA by Research, which requires you to prepare a dissertation of up to 40,000 words on a topic of your choice; or a PhD, which leads to a dissertation of up to 80,000 words.

In addition to our PhD and MA by Research programmes, we offer MRes programmes which combine taught modules with an individual research project of 20,000 words. They are aimed at those who wish to move beyond undergraduate work and to engage in research in depth, but who also wish to take modules that help to develop research and related skills. These programmes can be studied on a standalone basis or used as a stepping stone to a PhD.

### Ancient History MRes

*(subject to approval)*

This programme will enhance your skills as an ancient historian. You will undertake training in key fields such as classical languages or historiography, which will equip you with the essential skills for your Greek or Roman History research project in any period from Archaic Greece to Imperial Rome and its provinces. You will also have the opportunity to choose modules from across the MA Antiquity syllabus (see page 80) which are complementary to your research.

Contact: Dr Gareth Sears – g.m.sears@bham.ac.uk



## Course finder [Apply online](#) (see pages 24–25)



### Archaeology MRes

Alongside the taught elements, the potential areas for research related to this course are diverse and include British and European prehistory, the archaeology of the Roman World, Late Antiquity and Greece, and thematic areas such as environment, landscape, death and burial, age and gender, and warfare.

Contact: Paul Garwood – [p.j.garwood@bham.ac.uk](mailto:p.j.garwood@bham.ac.uk)

### Classics MRes

In addition to research skills training which will equip you with a range of specialised and generic skills, you may choose modules from the MA Antiquity syllabus (see page 80) which are complementary to your research topic. We also offer the opportunity to take modules from other related postgraduate programmes, such as Byzantine Studies and Modern Greek Studies, and many students also opt to take further training in classical languages.

Contact: Dr Niall Livingstone – [n.r.livingstone@bham.ac.uk](mailto:n.r.livingstone@bham.ac.uk)

### Cuneiform and Ancient Near Eastern Studies MRes

This programme provides an introduction to the Akkadian and Sumerian languages and to the cuneiform script within the context of the history and culture of the Ancient Near East. Instruction in some of the lesser known languages of the Ancient Near East may also be provided, as well as comparative Semitics, and seminar work on the history and culture of the Ancient Near East is available as an option.

Contact: Dr Alasdair Livingstone – [a.livingstone@bham.ac.uk](mailto:a.livingstone@bham.ac.uk)

### Egyptology MRes

This programme offers an opportunity to deepen and develop expertise in Egyptology. You will take taught modules in ancient Egyptian language and theory and practice of archaeology and another topic of your choice which is complementary to your research.

Contact: Dr Tony Leahy – [m.a.leahy@bham.ac.uk](mailto:m.a.leahy@bham.ac.uk)

### Greek Archaeology MRes

If you wish to pursue research in any period of Greek Archaeology, from Prehistoric to Hellenistic, and have a good grounding in the field of your proposed research project, this programme will give you essential training in method and practice in the Greek context.

Contact: Dr Ken Wardle – [k.a.wardle@bham.ac.uk](mailto:k.a.wardle@bham.ac.uk)

### Late Antiquity MRes

This programme offers you the opportunity to research one of the aspects of the fragmentation of the Roman World and its transformation into a myriad of new states as the result of internal pressures and barbarian invasion in the period AD300–700. The taught elements examine major debates about the period, tackling historical, textual, archaeological and art historical material as an essential foundation for your research topic.

Contact: Dr Gareth Sears – [g.m.sears@bham.ac.uk](mailto:g.m.sears@bham.ac.uk)

### Archaeology PhD/MA by Research

We are able to provide expert supervision in a range of areas across prehistoric, classical, historical, conflict, landscape, funerary, environmental and Byzantine archaeology, as well as Geographical Information Systems and virtual environments.

Contact: [caha-phd@contacts.bham.ac.uk](mailto:caha-phd@contacts.bham.ac.uk)

### Classics and Ancient History PhD/MA by Research

We are able to offer an exceptionally wide range of opportunities across Classics and Ancient History, including Ancient Near Eastern Studies, Classical Archaeology, Greek Prehistory and Egyptology. Subject to programme requirements, you can also learn or improve your knowledge of Classical and Byzantine Greek, Latin, Ancient Egyptian, and the languages of the Ancient Near East.

Contact: [caha-phd@contacts.bham.ac.uk](mailto:caha-phd@contacts.bham.ac.uk)

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
**[www.birmingham.ac.uk/drp](http://www.birmingham.ac.uk/drp)**

# School of History and Cultures

## HISTORY

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Air Power: History, Theory and Practice MA	2:1 (Hons) in relevant subject or professional qualifications or relevant published works	£2,970 PT only	UK/EU only	2 years PT	29/09/14
British First World War Studies MA	2:1 (Hons) in relevant subject or professional qualifications or relevant published works	£2,970 PT only	UK/EU only	2 years PT	29/09/14
British Second World War Studies MA	2:1 (Hons) in relevant subject or professional qualifications or relevant published works	£2,970 PT only	UK/EU only	2 years PT	29/09/14
Contemporary History MA	2:1 (Hons) in a relevant subject (eg, History, Politics or Cultural Studies)	\$5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Cultural Heritage of Shakespeare's England MA	2:1 (Hons) in a relevant subject (eg, History, English, Art History or Cultural Studies)	\$5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Global History MA	2:1 (Hons) in a relevant subject (eg, History, Politics or Cultural Studies)	\$5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
History MA by DL	2:1 (Hons) in a relevant subject	£2,970 PT only	£6,832.50 PT only	2 years PT	29/09/14
History of Christianity MA	2:1 (Hons) in a relevant subject	\$5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
History of Warfare MA	2:1 (Hons) in relevant subject or professional qualifications or relevant published works	\$5,940 FT only	£13,665 FT only	1 year FT	29/09/14
Holocaust and Genocide MA/PGDip/PGCert (subject to approval)	2:1 (Hons) degree in any subject for MA. Non-standard qualifications and professional experience will be considered for entry onto the PGDip and PGCert	MA: \$5,940 FT £2,970 PT PGDip: £3,960 FT £1,980 PT PGCert: £1,980 FT/PT	£13,665 FT only	MA/PGDip: 1 year FT 2 years PT PGCert: 4 months FT 8 months PT	29/09/14
Medieval Studies (Medieval History pathway) MA	2:1 (Hons) in relevant subject	\$5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Military History MA by DL	2:1 (Hons) in relevant subject	£2,970 PT only	£6,832.50 PT only	2 years PT	29/09/14
Renaissance, Reformation and Early Modern Studies MA	2:1 (Hons) in a relevant subject	\$5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Shakespeare, Stratford-upon-Avon and the Cultural History of Renaissance England MA	2:1 (Hons) in relevant subject	£6,210 FT \$3,105 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Social Research (Economic and Social History) MA	2:1 (Hons) in relevant subject	\$5,940 FT only	£13,665 FT only	1 year FT	29/09/14
West Midlands History MA	2:1 (Hons) in a relevant subject	£2,970 PT only	UK/EU only	2 years PT	29/09/14
RESEARCH					
Early Modern History MRes	2:1 (Hons) in a relevant subject	\$3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
History of Christianity MRes	2:1 (Hons) in a relevant subject	\$3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14





## Course finder Apply online (see pages 24–25)



Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
RESEARCH					
Medieval History MRes	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
Modern European History MRes	2:1 (Hons) in a relevant subject	£3,950 FT only	£12,565 FT only	1 year FT	29/09/14
Twentieth Century British History MRes	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
Medieval History PhD/PhD by DL/MA by Research/MA by Research by DL	PhD: Masters degree in a relevant subject MA by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT £6,282.50 PT (DL only)	PhD: 3 years FT 6 years PT MA by Research: 1 year FT 2 years PT	Negotiable
Modern History PhD/PhD by DL/MA by Research/MA by Research by DL	PhD: Masters degree in a relevant subject MA by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT £6,282.50 PT (DL only)	PhD: 3 years FT 6 years PT MA by Research: 1 year FT 2 years PT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014–15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

Graded 5 in the most recent Research Assessment Exercise, Birmingham is one of the country's leading history departments, with an excellent record of high-powered research of international standing. History at Birmingham has also been judged 'excellent' in the QAA Teaching Quality Assessment, which took into account the training and supervision of postgraduate students.

### Facilities and resources

All of our postgraduate students become part of – and contribute to – the vibrant international community of the College of Arts and Law Graduate School, which offers dedicated research resources, a supportive working environment and employability skills training. Our team of academic and operational staff are on hand to offer support and advice to all postgraduate students within the College.

Our postgraduates have easy access to the numerous record offices and libraries in the region, together with the excellent resources to be found in the University's Main Library. These include a particularly rich collection of modern British political papers, including those of two former Prime Ministers, Neville Chamberlain and Anthony Eden (Lord Avon).

### Postgraduate study

Our programmes are challenging and rewarding and offer the opportunity to gain a highly respected qualification. Many of our postgraduates organise and run their own conferences and research fora, often in conjunction with colleagues from across the College of Arts and Law and the wider University community.

### Study options

A number of our taught programmes are delivered on a flexible part-time basis over two years, through Saturday Schools, allowing you to fit your studies around work, family and other commitments. See Air Power: History, Theory and Practice MA; British First World War Studies MA; British Second World War Studies MA; and West Midlands History MA. We also offer distance learning programmes in History and Military History.

### Scholarships and studentships

Research council funding, University and College of Arts and Law Scholarships are open to postgraduates in History. Please see page 20 for details.

For further information on the funding available please visit the University's postgraduate funding database:

[www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

# School of History and Cultures

## HISTORY

Doctoral researchers in the Department may also have the chance to carry out some undergraduate teaching in their second and third (or equivalent for part-time) years, which can provide additional income.

Learn more

[www.birmingham.ac.uk/history](http://www.birmingham.ac.uk/history)

## Taught programmes

Our taught programmes consist of six taught modules and a 15,000-word dissertation on the topic of your choice.

### Air Power: History, Theory and Practice MA

The programme aims to explore a wide variety of air power issues and debates. It is open to students from all backgrounds including the armed forces, industry, students from other disciplines and those who seek to expand their knowledge of this exciting subject within a structured academic environment.

Contact: Air Cdre (Ret'd) Dr Peter Gray – [p.w.gray@bham.ac.uk](mailto:p.w.gray@bham.ac.uk)

### British First World War Studies MA

This programme is unique in its focus on the Great War. It provides an opportunity to study in depth this most compelling and controversial conflict. It focuses on the challenges posed by the war to the British state, the British Army and British society and on the evolving ways in which these challenges were met – or not met.

Contacts:

Dr Jonathan Boff – [j.f.boff@bham.ac.uk](mailto:j.f.boff@bham.ac.uk)

Dr Jonathan Gumz – [j.e.gumz@bham.ac.uk](mailto:j.e.gumz@bham.ac.uk)

### British Second World War Studies MA

This programme provides an opportunity to study this immense conflict mainly through the British experience, although it also compares this with that of allies and enemies alike. It focuses on the challenges posed by the war to state, army, society and the man and woman in the street, and on the evolving ways in which these challenges were met – or not met.

Contact: Dr Jonathan Boff – [j.f.boff@bham.ac.uk](mailto:j.f.boff@bham.ac.uk)

### Contemporary History MA

This programme allows you to benefit from the expertise of a very large number of modern and contemporary historians at Birmingham. It approaches contemporary history as a global phenomenon and offers a wide variety of modules on world history in the 20th century. You will be able to specialise in many areas of British, American, African, South Asian, Middle Eastern and European History.

Contact: Dr Benjamin Thomas White – [moderncontemporary@contacts.bham.ac.uk](mailto:moderncontemporary@contacts.bham.ac.uk)

### Cultural Heritage of Shakespeare's England MA

This interdisciplinary programme examines how we understand, market and present the cultural heritage of Shakespeare's England. It is taught through an imaginative collaboration between the Centre for Reformation and Early Modern Studies, the Shakespeare Institute and the Ironbridge International Institute for Cultural Heritage, in association with the Shakespeare Birthplace Trust. It is ideal for those with a broad interest in Shakespeare, art and historic buildings, cultural history or early modern studies.

Contact: Dr Tara Hamling – [t.j.hamling@bham.ac.uk](mailto:t.j.hamling@bham.ac.uk)

### Global History MA

This programme presents you with an opportunity to think with growing confidence and imagination about your world, its origins, its complexities and continuous transformations across a uniquely broad geographical and chronological scope. You will be taught the latest skills, concepts and approaches to the subject, and you will share in the imaginative challenges and intellectual vistas that this exciting new field of history is opening up.

Contact: Dr Sadiya Qureshi – [s.qureshi.1@bham.ac.uk](mailto:s.qureshi.1@bham.ac.uk)

### Holocaust and Genocide MA/PGDip/PGCert (subject to approval)

This programme draws on our extensive interdisciplinary expertise in the study of the Holocaust and of genocide, including historical studies, refugee studies, conflict and war studies, memory studies, literary studies, translation studies and film studies. It will immerse you in past and present debates about researching, remembering and commemorating the



## Course finder [Apply online](#) (see pages 24–25)



Holocaust and other genocides, and offers you the freedom to explore particular disciplinary perspectives through your choice of optional modules and dissertation topic.

Contacts:

Dr Isabel Wollaston – [i.l.wollaston@bham.ac.uk](mailto:i.l.wollaston@bham.ac.uk)

Dr Joanne Sayner – [j.sayner@bham.ac.uk](mailto:j.sayner@bham.ac.uk)

### History MA

This two-year distance learning programme offers you the opportunity to explore a number of historical themes, drawing on the Department's broad range of expertise. You may pursue one of three pathways: Contemporary History; Global History; or History of Christianity. This will determine your choice of core modules and the theme of your dissertation, but you also have the opportunity to study two optional modules in other areas which suit your particular interest.

Contacts:

Dr Benjamin Thomas White – [b.t.white@bham.ac.uk](mailto:b.t.white@bham.ac.uk)

Dr David Gange – [d.j.gange@bham.ac.uk](mailto:d.j.gange@bham.ac.uk)

### History of Christianity MA

This is an interdisciplinary programme involving staff from a number of departments, each providing a different area of expertise in the subject. Our range of expertise covers all periods and a wide range of historical approaches including Catholic, Orthodox, Protestant and African Independent branches of Christianity, as well as church history, social history and cultural history. This gives you a rich variety of options and a range of dissertation possibilities.

Contact: Dr David Gange – [d.j.gange@bham.ac.uk](mailto:d.j.gange@bham.ac.uk)

### History of Warfare MA

This distinctive full-time programme provides you with an opportunity to study the history and historiography of warfare from a multidisciplinary and multi-period perspective. A thorough grounding is provided in research methods and in the historiography and economics of warfare while a wide choice of options complements the broad range of possible dissertation subjects that can be supported by our staff.

Contact: Dr Michael Snape – [m.f.snape@bham.ac.uk](mailto:m.f.snape@bham.ac.uk)

'The course was excellent and I look back on the days I spent in Birmingham with affection. Since graduating I have sustained my investigations into the subject of my thesis (with the encouragement of my supervisor), and turned it into a book-length work, which is to be published later this year.'

*Michael Carragher, MA British First World War Studies graduate, Department of History*

### Medieval Studies (Medieval History pathway) MA

This programme allows you to gain interdisciplinary skills while studying a discipline-specific pathway at an advanced level, providing you with a solid grounding for your further studies or future career. Our collective interests are uniquely wide ranging, covering the whole medieval period from c.300 to c.1500, all the countries of western Europe, Scandinavia, the eastern Mediterranean, Central Asia and China, and a wide range of thematic interests. The Medieval History pathway introduces you to some of the major schools of or tendencies in historical research, in all of which medievalists have played a significant role.

For pathways in literature, Byzantine Studies and archaeology, see pages 65, 77 and 82 respectively.

Contact: Professor Naomi Standen – [n.standen@bham.ac.uk](mailto:n.standen@bham.ac.uk)

# School of History and Cultures

## HISTORY

### Military History MA

This two-year distance learning programme offers you the opportunity to explore military history, drawing in particular on Birmingham's expertise in the history of the two world wars and air power. Subjects to be studied include: command and leadership; tactics, operations and the use of technology; ethics and war; and the individual's experience of war.

Contact: Dr Jonathan Boff – [j.f.boff@bham.ac.uk](mailto:j.f.boff@bham.ac.uk)

### Renaissance, Reformation and Early Modern Studies MA

This programme combines the approaches of religious, social, cultural and political historians to take a fresh look at the Renaissance and the Religious Reformations in Britain and Europe during the 16th and 17th centuries. It is taught by leading scholars whose expertise covers the cultural and religious landscape of the late-medieval world, the Catholic and Protestant Reformations in Britain and Europe, new world discoveries and the political and cultural worlds of 16th and 17th century England.

Contact: Dr Margaret Small – [m.small@bham.ac.uk](mailto:m.small@bham.ac.uk)

### Shakespeare, Stratford-upon-Avon and the Cultural History of Renaissance England MA

This exciting interdisciplinary programme invites you to understand Shakespeare's works in the context of the social and cultural history of the period. The programme is taught by fellows at the Shakespeare Institute and members of the Department of History, whose areas of expertise include art and material culture, local history, court politics, gentry culture, Reformation studies and popular belief, textual criticism, the business of playwriting and early modern drama.

Contact: Dr Tara Hamling – [t.j.hamling@bham.ac.uk](mailto:t.j.hamling@bham.ac.uk)

### Social Research (Economic and Social History) MA

This programme provides research training that will prepare you to undertake research in the field of economic and social history. It is recognised by the Economic and Social Research Council as providing the requisite research training for a PhD so you can apply for funding for the MA to be the first (training) year of a four-year PhD.

Contact: Dr Julian Greaves – [j.l.greaves@bham.ac.uk](mailto:j.l.greaves@bham.ac.uk)

### West Midlands History MA

The programme is broadly chronological and covers the history of the region from the 11th century to the end of the 20th. It does not aim for a complete century-by-century coverage but will allow you to gain a detailed knowledge of social, political, industrial, religious and cultural history. Students come from many different backgrounds and previous knowledge of history is not required.

Contact: Dr Malcolm Dick – [m.m.dick@bham.ac.uk](mailto:m.m.dick@bham.ac.uk)

## Research programmes

The Department of History at Birmingham is one of the largest and most diverse in Britain, and we are able to offer a broad range of research opportunities in medieval and modern history, including war studies. We offer two research programmes: an MA by Research, which requires you to prepare a dissertation of up to 40,000 words on a topic of your choice; or a PhD, which leads to a dissertation of up to 80,000 words.

In addition to our PhD and MA by Research programmes, we offer MRes programmes which combine taught modules with an individual research project of 20,000 words. They are aimed at those who wish to move beyond undergraduate work and to engage in research in depth, but who also wish to take modules that help to develop research and related skills. These programmes can be studied on a standalone basis or used as a stepping stone to a PhD.

### Early Modern History MRes

After consultation with your academic supervisor, you can pursue a research project in any aspect of British and European history and focus on political, military or diplomatic history, or the history of early modern culture, society or ideas.

Contact: Dr Simone Laqua-O'Donnell –

[s.laquaodonnell@bham.ac.uk](mailto:s.laquaodonnell@bham.ac.uk)



## Course finder [Apply online](#) (see pages 24–25)

### History of Christianity MRes

This programme draws on our wide range of expertise, which covers all periods and a wide range of historical approaches including Catholic, Orthodox, Protestant and African Independent branches of Christianity, as well as church history, social history and cultural history.

Contact: Dr David Gange – [d.j.gange@bham.ac.uk](mailto:d.j.gange@bham.ac.uk)

### Medieval History MRes

This programme provides an exciting opportunity to research a medieval topic of your choice, drawing on a wide range of expertise available within the Department.

Contact: Professor Naomi Standen – [n.standen@bham.ac.uk](mailto:n.standen@bham.ac.uk)

### Modern European History MRes

Modern European History is one of the most innovative and exciting fields of historical research today. This programme, which draws on the notable strengths in social, cultural, economic and intellectual history at the University, is designed to offer you practical training in research skills and methods as well as a broad overview of Europe, particularly its place within a rapidly changing world.

Contact: Professor Corey Ross – [c.d.ross@bham.ac.uk](mailto:c.d.ross@bham.ac.uk)

### Twentieth Century British History MRes

Ideal for those interested in questions about Britain's recent past, this programme is designed to develop skills in critical analysis and academic research, enabling you to acquire research skills and to understand and apply research methodologies to the study of 20th-century British history.

Contact: Dr Nicholas Crowson – [n.j.crowson@bham.ac.uk](mailto:n.j.crowson@bham.ac.uk)

### Medieval History PhD/MA by Research

We have one of the largest concentrations of medieval historians in the UK. Our staff cover a varied range of aspects of the histories of Britain, continental Europe and China from around 500 to around 1500. Current research interests extend to areas of cultural and social history, political development, and economic and religious history.

Contact: [history-phd@contacts.bham.ac.uk](mailto:history-phd@contacts.bham.ac.uk)



### Modern History PhD/MA by Research

Modern History is a large and developing field here at Birmingham and our staff cover a wide range of British and European history from around 1500 to the present. Areas of expertise include religion, war studies, the history of the West Midlands, global histories, the history of sexuality and emotion and of the environment.

Contact: [history-phd@contacts.bham.ac.uk](mailto:history-phd@contacts.bham.ac.uk)

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
**[www.birmingham.ac.uk/students/drp](http://www.birmingham.ac.uk/students/drp)**

'I love being a PhD student at Birmingham. My supervisor is an expert in his field and the facilities are excellent. There's a really vibrant History community, with staff-run research centres and postgraduate fora holding fortnightly seminars and discussion groups. There are also lots of University-organised events for postgraduate researchers and the Postgraduate and Mature Students Association ensured that my Welcome Week was great fun.'

*Helen Coy, PhD, Department of History*



# School of History and Cultures

## IRONBRIDGE INTERNATIONAL INSTITUTE FOR CULTURAL HERITAGE

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Heritage and Identity MA by DL	2:1 (Hons) in a relevant subject	£3,510 PT only	£3,510 PT only	30 months PT	29/09/14
Heritage Management MA/MA by DL	2:1 (Hons) in a relevant subject	£5,940 FT £3,510 PT (DL only)	£13,665 FT £3,510 PT (DL only)	1 year FT 2 years PT (DL only)	29/09/14
World Heritage Studies MA	MA: 2:1 (Hons) in a relevant subject	MA: £6,570 FT only	£13,665 FT only	1 year FT	29/09/14
RESEARCH					
Cultural Heritage PhD/PhD by DL	PhD: Masters degree in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT £6,282.50 PT (DL only)	PhD: 3 years FT 6 years PT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014-15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

Ironbridge International Institute for Cultural Heritage is based at the University of Birmingham with offices at Ironbridge Gorge, a World Heritage Site in Shropshire.

### Facilities and resources

All of our postgraduate students become part of – and contribute to – the vibrant international community of the College of Arts and Law Graduate School, which offers dedicated research resources, a supportive working environment and employability skills training. Our team of academic and operational staff are on hand to offer support and advice to all postgraduate students within the College.

The Institute's links with the Ironbridge Gorge World Heritage site will provide you with a unique academic experience and offer you access to unrivalled resources and over 25 years of management expertise.

### Postgraduate study

Our postgraduate programmes provide training for people embarking on, or developing careers in, the heritage and related sectors, in the UK and overseas.

### Scholarships and studentships

Research council funding, University and College of Arts and Law Scholarships are available to postgraduates in the Ironbridge International Institute for Cultural Heritage. Please see page 20 for details.

For further information on the funding available please visit the University's postgraduate funding database: [www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

Doctoral researchers in the Department may also have the chance to carry out some undergraduate teaching in their second and third (or equivalent for part-time) years, which can provide additional income.

### Learn more

[www.birmingham.ac.uk/ironbridge](http://www.birmingham.ac.uk/ironbridge)



Course finder [Apply online](#) (see pages 24–25)



## Taught programmes

Our taught programmes consist of six taught modules and a 15,000-word dissertation on the topic of your choice.

Contact for all taught programmes: Mrs Janice Fletcher – [j.p.fletcher@bham.ac.uk](mailto:j.p.fletcher@bham.ac.uk)

### Heritage and Identity MA

Heritage is the key to identity. While most heritage programmes focus on built or buried remains, our programme looks at the idea that heritage is much more than a solid building, but groups of people and communities. It will let you explore the complex ways in which heritage actively contributes to the construction of identities in societies, providing an idea of heritage and identity across different continents and cultures.

### Heritage Management MA

This programme is appropriate for people working or planning to work in conservation and recording agencies, museums, tourism, environmental education, archaeology and landscape design and planning. It seeks to deliver the critical skills that those working in the heritage sector require to find employment in the sector or to carry on to research in heritage.

### World Heritage Studies MA

This new one-year programme is aimed at those who wish to acquire both a deeper understanding of the concepts and processes surrounding World Heritage in its cultural forms (tangible and intangible), its natural forms and as cultural landscapes. This course will provide you with necessary skills that will allow you to critically appraise and effectively manage World Heritage and its impacts in a sustainable manner.

## Research programmes

### Cultural Heritage PhD

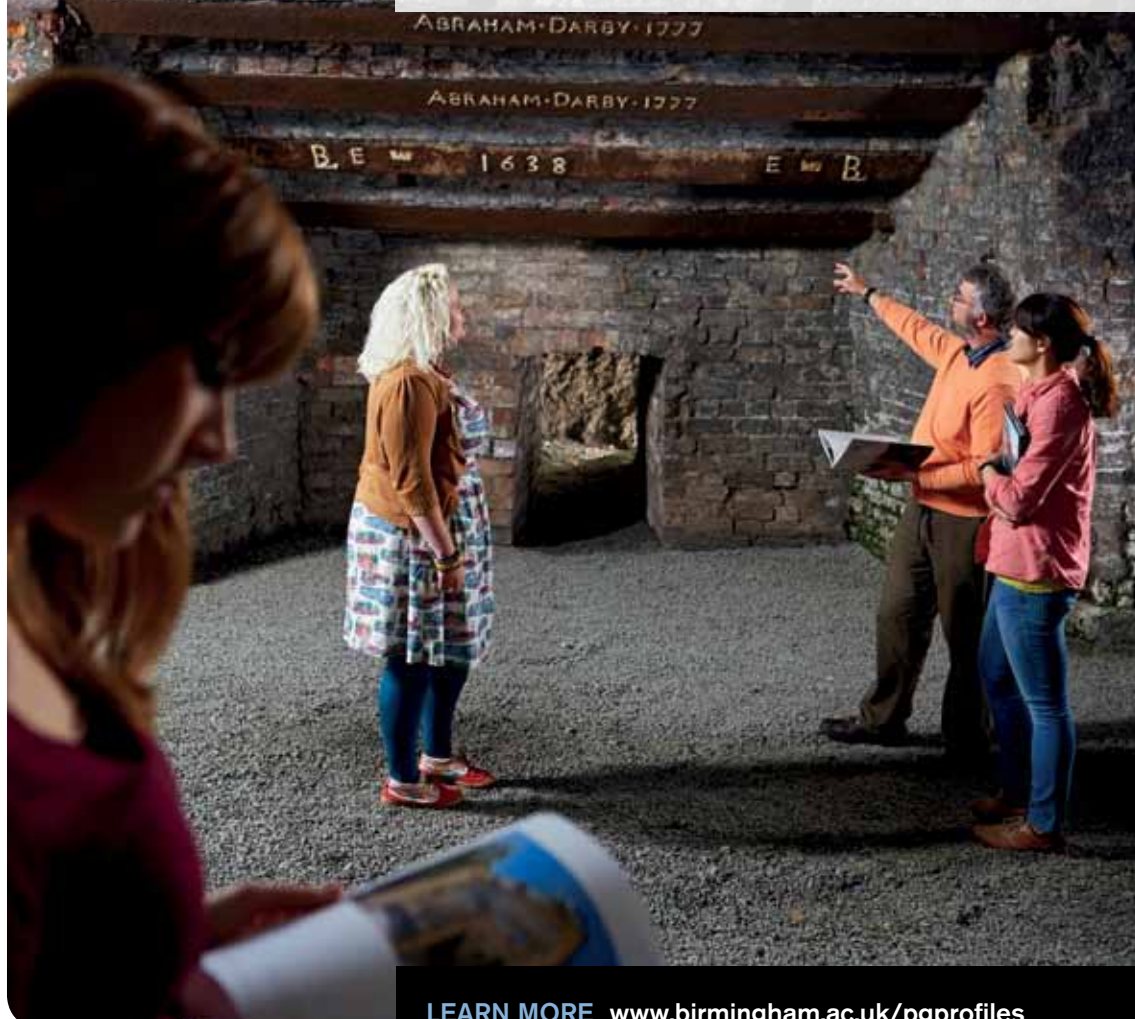
We are able to provide expert supervision in cultural heritage, heritage management and related areas. Completion of a PhD consists of undertaking an extensive period of advanced research under the supervision and guidance of experienced members of academic staff. To be awarded a PhD you must complete an original work of merit in the form of an 80,000-word thesis, of which all or a significant part must be worthy of publication in a learned journal or equivalent.

Contact: Dr John Carman – [j.carman@bham.ac.uk](mailto:j.carman@bham.ac.uk)

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
[www.birmingham.ac.uk/drps](http://www.birmingham.ac.uk/drps)

'The new MA in World Heritage Studies builds upon the unique status that the University of Birmingham has as the only teaching university to be linked to the World Heritage Site at Ironbridge. We've been running a course in Heritage Management here since 1989, the longest running of its kind in the country, and the new MA builds on that.'

*Dr Roger White, Senior Lecturer, Ironbridge International Institute for Cultural Heritage, pictured with MA student Gillian Reynolds and PhD student Shih-Yu Chen at the Ironbridge World Heritage Site.*



LEARN MORE [www.birmingham.ac.uk/pgprofiles](http://www.birmingham.ac.uk/pgprofiles)

# School of Languages, Cultures, Art History and Music

FT Full-time  
PT Part-time  
DL Distance Learning

## INTERDISCIPLINARY PROGRAMMES

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Colonial and Postcolonial Studies MA <i>(subject to approval)</i>	2:1 (Hons) in a relevant subject	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
RESEARCH					
Sexuality and Gender Studies MRes	2:1 (Hons) in a relevant subject	£3,950 FT only	£12,565 FT only	1 year FT	29/09/14
Sexuality and Gender Studies PhD/PhD by DL/MA by Research/ MA by Research by DL	PhD: Masters degree in a relevant subject MA by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT £6,282.50 PT (DL only)	PhD: 3 years FT 6 years PT MA by Research: 1 year FT 2 years PT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014-15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

Within the School we offer several interdisciplinary programmes. These are taught by academics from a range of disciplines, each bringing their specific expertise to bear on the topics under discussion.

### Facilities and resources

All our postgraduate students become part of – and contribute to – the College of Arts and Law Graduate School, which offers dedicated research resources, a supportive working environment and employability skills training. Our team of academic and operational staff are on hand to offer support and advice to all postgraduate students within the College.

### Scholarships and studentships

Research council funding, University and College of Arts and Law Scholarships are open to postgraduates in the School of Languages, Cultures, Art History and Film. Please see page 20 for details.

For further information on the funding available please visit the University's postgraduate funding database at:

[www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

Doctoral researchers in the School may also have the chance to carry out some undergraduate teaching in their second and third (or equivalent for part-time) years, which can provide additional income.

### Learn more

[www.birmingham.ac.uk/lcahm](http://www.birmingham.ac.uk/lcahm)

## Taught programmes

### Colonial and Postcolonial Studies MA

(subject to approval)

This interdisciplinary programme will offer you a cultural, literary, theoretical and historiographical foundation in the field of colonial and postcolonial studies. You will explore the historical roots and cultural consequences of the overseas expansion of Europe, the end of the European empires and their contemporary legacy, and examine the cultural production of non-European worlds – particularly Africa, the Caribbean, Latin America and the Middle East. You will also be introduced to a range of European and non-European authors in a variety of disciplines, and have the unique opportunity to study translated works and critical

# School of Languages, Cultures, Art History and Music

## INTERDISCIPLINARY PROGRAMMES

texts which originated in languages other than English. The programme consists of six taught modules and a 15,000-word dissertation on the topic of your choice.

Contact: Dr Berny Sèbe – [b.c.sebe@bham.ac.uk](mailto:b.c.sebe@bham.ac.uk)

## Research programmes

### Sexuality and Gender Studies MRes

Our MRes programme combines taught modules with a 20,000-word dissertation. This programme can be studied on a standalone basis or used as a stepping stone to a PhD.

The programme introduces you to a range of theoretical and methodological issues and debates which have characterised the development of sexuality and gender studies in the 20th century. These include: feminist theory, masculinity studies, queer theory, postcolonial theory, psychoanalysis, ethnography, sexology and criminology.

Contact: Professor Lisa Downing – [l.m.downing@bham.ac.uk](mailto:l.m.downing@bham.ac.uk)

### Sexuality and Gender Studies PhD/MA by Research

Sexuality and Gender Studies is a broad interdisciplinary field of enquiry that crosses the arts, critical humanities, and social sciences, and that intersects with medicine and politics; expert supervision is available across the disciplines.

We offer two research programmes: an MA by Research, which requires you to prepare a dissertation of up to 40,000 words on a topic of your choice; or a PhD, which leads to a dissertation of up to 80,000 words. Research interests include:

- Gender theory and feminism
- LGBT and queer studies
- The critical history of medicine and sexual science (sexology, psychiatry)

Contact: Professor Lisa Downing – [l.m.downing@bham.ac.uk](mailto:l.m.downing@bham.ac.uk)

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at: [www.birmingham.ac.uk/drp](http://www.birmingham.ac.uk/drp)

'My PhD experience has been enriched by the many opportunities I have had to talk and exchange ideas with other postgraduates working in the School, as well as in other departments and disciplines across the University. My thesis is co-supervised in Modern Languages and Modern History, allowing me to pursue a truly interdisciplinary approach to my topic. I have been actively involved in the Graduate Centre for Europe, a cross-college initiative that provides an academic and social forum for researchers interested in Europe, and have had the opportunity to organise a postgraduate conference.'

*Tara Windsor, PhD, School of Languages, Cultures, Art History and Music*



FT Full-time  
PT Part-time  
DL Distance Learning

## ART HISTORY, FILM AND VISUAL STUDIES

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Curating Research in Art and Film MA <i>(subject to approval)</i>	2:1 (Hons) in a relevant subject	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
History of Art MA	2:1 (Hons) in a relevant subject	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
RESEARCH					
History of Art MRes	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
History of Art PhD/PhD by DL/MA by Research/MA by Research by DL	PhD: Masters degree in a relevant subject MA by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT £6,282.50 PT (DL only)	PhD: 3 years FT 6 years PT MA by Research: 1 year FT 2 years PT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014–15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

We are located in the Barber Institute of Fine Arts, which houses the Barber Institute gallery. This is an excellent and representative collection of post-medieval European art. It includes paintings, engravings and drawings by such artists as Rembrandt, Van Dyck, Veronese, Picasso and Magritte, as well as an important collection of 19th-century paintings by artists such as Monet, Manet, Degas, Gauguin, Turner and Whistler. This is a valuable teaching collection which all members of staff use on a regular basis.

### Facilities and resources

All of our postgraduate students become part of – and contribute to – the vibrant international community of the College of Arts and Law Graduate School, which offers dedicated research resources, a supportive working environment and employability skills training. Our team of academic and operational staff are on hand to offer support and advice to all postgraduate students within the College.

The Barber Institute's exceptional Fine Art Library (of circa 60,000 volumes) contains specialist collections of sales catalogues and 19th-century books, in addition to excellent holdings in all areas of art history. The University of Birmingham Library provides an additional research resource of international quality, containing almost two million books, a wide range of periodicals and IT facilities. Its research holdings include important collections of historical and art-historical documents, such as papers and photographs relating to Sir Lawrence Alma-Tadema.

### Postgraduate study

We have a thriving postgraduate community, which offers a stimulating intellectual environment. A wide range of public lectures and seminar programmes are regularly hosted by the Department, some of which postgraduates help to plan and organise. These provide opportunities to discuss art-historical questions with visiting speakers as well as to engage with the latest research of those working within the University.

### Scholarships and studentships

Research council funding, University and College of Arts and Law Scholarships are open to postgraduates in Art History, Film and Visual Studies. Please see page 20 for details. Our postgraduate students can also apply for the Haywood Scholarship for the History of Art. The Haywood is available on a competitive basis and is normally reserved for second-year PhD students and above. This scholarship offers full payment of fees (at UK/EU rates) and a stipend for one year. For further information, visit: [www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

Doctoral researchers in the Department may also have the chance to carry out some undergraduate teaching in their second and third (or equivalent for part-time) years, which can provide additional income.

### Learn more

[www.birmingham.ac.uk/historyofart](http://www.birmingham.ac.uk/historyofart)

# School of Languages, Cultures, Art History and Music

## ART HISTORY, FILM AND VISUAL STUDIES

### Taught programmes

Our taught programmes consist of six taught modules and a 15,000-word dissertation on the topic of your choice.

#### Curating Research in Art and Film MA

*(subject to approval)*

This programme will allow you to develop the skills necessary to conduct original research into art, film and visual culture and disseminate your findings through curatorial projects. You will have the opportunity to curate either an art exhibition or film event and undertake a work placement in either the art or film exhibition sector. You will also be able to choose from a range of optional modules relating to specific areas of art or film history, as well as undertaking critical theory modules and research training to prepare you for the dissertation.

Contacts:

Dr Camilla Smith – [h.c.smith@bham.ac.uk](mailto:h.c.smith@bham.ac.uk) (Art)

Dr Alex Marlow-Mann – [a.p.marlowmann@bham.ac.uk](mailto:a.p.marlowmann@bham.ac.uk) (Film)

#### History of Art MA

This programme provides you with the opportunity to pursue in-depth study of the history of art, comprising a 'special subject' double module and a dissertation in the research area of your choice. Your studies will be supported by advanced teaching in the theories and methods of art history and visual studies, as well as dissertation research training. As one of your special subject module choices, you will have the option to take 'Curating Research', which will provide you with the opportunity to gain practical experience in organising, curating and marketing an exhibition, which will be displayed in the Barber Institute gallery space.

Contact: Dr Camilla Smith – [h.c.smith@bham.ac.uk](mailto:h.c.smith@bham.ac.uk)

### Research programmes

#### History of Art MRes

Our MRes programme combines taught modules with a 20,000-word dissertation. It is aimed at those who wish to

move beyond undergraduate work and to engage in research in depth, but who also wish to take modules that help to develop research and related skills. The programme can be studied on a standalone basis or used as a stepping stone to a PhD.

This programme will allow you to develop the skills necessary to conduct original research into art, film and visual culture and disseminate your findings through curatorial projects. You will have the opportunity to curate either an art exhibition or film event and undertake a work placement in either the art or film exhibition sector. You will also be able to choose from a range of optional modules relating to specific areas of art or film history, as well as undertaking critical theory modules and research training to prepare you for the dissertation.

Contact: Dr Camilla Smith – [h.c.smith@bham.ac.uk](mailto:h.c.smith@bham.ac.uk)

#### History of Art PhD/MA by Research

We are able to provide expert supervision in a variety of topics in art history and visual studies.

We offer two research programmes: an MA by Research, which requires you to prepare a dissertation of up to 40,000 words on a topic of your choice; or a PhD, which leads to a dissertation of up to 80,000 words.

Our research interests include: Austrian, French, German and Swiss art and visual culture; Roman architecture; Renaissance and post-Renaissance architecture in Italy and Britain; women in early modern art; books and manuscript illumination; the historiography of art; contemporary art theory and criticism; and modern and contemporary art and exhibition cultures in Europe.

Contact: [hoa-phd@contacts.bham.ac.uk](mailto:hoa-phd@contacts.bham.ac.uk)

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at: [www.birmingham.ac.uk/drps](http://www.birmingham.ac.uk/drps)

FT	Full-time
PT	Part-time
DL	Distance Learning

## MODERN LANGUAGES

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Holocaust and Genocide MA/PGDip/PGCert <i>(subject to approval)</i>	2:1 degree in any subject for MA. Non-standard qualifications and professional experience will be considered for entry onto the PGDip and PGCert	MA: £5,940 FT £2,970 PT PGDip: £3,960 FT £1,980 PT PGCert: £1,980 FT/PT	£13,665 FT only	MA/PGDip: 1 year FT 2 years PT PGCert: 4 months FT 8 months PT	29/09/14
Translation Studies MA/MA by DL	2:1 (Hons) in a relevant subject	£6,570 FT £3,285 PT £910 per module, £2,730 dissertation (DL)	£13,665 FT £910 per module, £2,730 dissertation (DL)	1 year FT 2 years PT 2.5 years DL	MA: 29/09/14 MA by DL: Apr/Oct 14
RESEARCH					
Modern Languages MRes <i>(subject to approval)</i>	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
French Studies PhD/PhD by DL/MA by Research/MA by Research by DL	PhD: Masters degree in a relevant subject MA by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT £6,282.50 PT (DL only)	PhD: 3 years FT 6 years PT MA by Research: 1 year FT 2 years PT	Negotiable
German Studies PhD/PhD by DL/MA by Research/MA by Research by DL	PhD: Masters degree in a relevant subject MA by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT £6,282.50 PT (DL only)	PhD: 3 years FT 6 years PT MA by Research: 1 year FT 2 years PT	Negotiable
Hispanic Studies PhD/PhD by DL/MA by Research/MA by Research by DL	PhD: Masters degree in a relevant subject MA by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT £6,282.50 PT (DL only)	PhD: 3 years FT 6 years PT MA by Research: 1 year FT 2 years PT	Negotiable
Italian Studies PhD/PhD by DL/MA by Research	PhD: Masters degree in a relevant subject MA by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT £6,282.50 PT (DL only)	PhD: 3 years FT 6 years PT MA by Research: 1 year FT 2 years PT	Negotiable
Russian and East European Studies PhD/MA by Research	PhD: Masters degree in a relevant subject MA by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	PhD: 3 years FT 6 years PT MA by Research: 1 year FT 2 years PT	Negotiable
Translation Studies PhD/PhD by DL/MA by Research/MA by Research by DL	PhD: Masters degree in a relevant subject MA by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT £6,282.50 PT (DL only)	PhD: 3 years FT 6 years PT MA by Research: 1 year FT 2 years PT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014–15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

The Department of Modern Languages is home to one of the UK's largest groups of internationally renowned researchers in the national cultures of Europe – past and present – and covers Austria, France, Germany, Italy, Portugal, Russia, Spain and the Spanish regions (Catalonia, Galicia), and Switzerland. The Department incorporates the subject areas of French Studies, German Studies, Italian Studies, Russian Studies and Hispanic

Studies (Portuguese and Spanish) and you can pursue specialist, cross-disciplinary or interdisciplinary postgraduate study in any of these areas.

You can research a wide range of cultural, literary, historical, and socio-political topics related to periods from the Middle Ages to the present day. You can also draw upon disciplinary

# School of Languages, Cultures, Art History and Music

## MODERN LANGUAGES

and interdisciplinary postgraduate programmes organised within the School. You receive additional support and will be invited to attend and present papers at departmental research seminars. You will also have the opportunity to present papers and work in progress at the postgraduate-led School Postgraduate Forum and Graduate Centre for Europe.

You will benefit from the expertise available within the departments of English, French, German, Italian, Hispanic Studies and the Centre for Russian and Eastern European Studies, and have access to the facilities provided by the Centre for Corpus Research, which holds a large collection of corpora in several languages.

### Facilities and resources

All of our postgraduate students become part of – and contribute to – the vibrant international community of the College of Arts and Law Graduate School, which offers dedicated research resources, a supportive working environment and employability skills training. Our team of academic and operational staff are on hand to offer support and advice to all postgraduate students within the College. You will be able to attend training sessions in research methods and skills, and have access to the Ashley Building, which is now home to all our modern language disciplines (with work space and IT facilities).

The Language and Media Resource Centre was created to support the multimedia needs of students and staff, and specifically supports language learning through the latest interactive learning technology. Students have access to a variety of facilities including audio tapes, satellite television, DVDs and videos. Each of our disciplines also has specialist research centres, libraries and other resources available in its own subject area.

### Postgraduate study

Our programmes are challenging and rewarding and offer the opportunity to gain a highly respected qualification. Each of our disciplines is a close-knit community, which attaches great importance to friendly and informal relations between staff and students. There are various social activities and events within each field, including research seminars, symposia, group meals, trips, cultural and sporting events. For those working in the field of Hispanic Studies there are opportunities to get involved with the Galician Review, a peer-reviewed journal published annually by the Centre for Galician Studies in association with Queen's College, Oxford and with assistance from the Xunta de Galicia.

### Scholarships and studentships

Research council funding, University and College of Arts and Law Scholarships are open to postgraduates in Modern Languages. Please see page 20 for details.

For further information on the funding available please visit the University's postgraduate funding database:

[www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

Doctoral researchers in the Department may also have the chance to carry out some undergraduate teaching in their second and third (or equivalent for part-time) years, which can provide additional income.

### Learn more

[www.birmingham.ac.uk/languages](http://www.birmingham.ac.uk/languages)

## Taught programmes

**Holocaust and Genocide** MA/PGDip/PGCert  
(subject to approval)

This programme draws on our extensive interdisciplinary expertise in the study of the Holocaust and of genocide, including historical studies, refugee studies, conflict and war studies, memory studies, literary studies, translation studies, and film studies. It will immerse you in past and present debates about researching, remembering and commemorating the



## Course finder [Apply online](#) (see pages 24–25)

Holocaust and other genocides, and offers you the freedom to explore particular disciplinary perspectives through your choice of optional modules and dissertation topic.

Contacts:

Dr Isabel Wollaston – [i.l.wollaston@bham.ac.uk](mailto:i.l.wollaston@bham.ac.uk)

Dr Joanne Sayner – [j.sayner@bham.ac.uk](mailto:j.sayner@bham.ac.uk)

### Translation Studies MA

This programme is designed for people who would like to start a career as professional translators, for translators who wish to further develop their skills, or for anyone who is interested in translation and cross-cultural communication as an area of research. Translation practice is at the heart of the programme, with opportunities for extensive practical and specialised translation, in addition to a wide range of optional modules focusing on theory and methodology. This programme is also available by distance learning, as a flexible programme of study which provides a solid foundation in translation theory, technology and methodology and allows you the option to carry out either two practical translation projects or two research projects.

Contacts:

Ms Sheila Brady – [s.a.brady@bham.ac.uk](mailto:s.a.brady@bham.ac.uk) (on-campus)

[elalpg@contacts.bham.ac.uk](mailto:elalpg@contacts.bham.ac.uk) (distance learning)

## Research programmes

We are able to offer expert supervision across a range of languages. We offer two research programmes: an MA by Research, which requires you to prepare a dissertation of up to 40,000 words on a topic of your choice; or a PhD, which leads to a dissertation of up to 80,000 words.

In addition to our PhD and MA by Research programmes, we also offer an MRes programme which combines taught modules with a 20,000-word dissertation. It is aimed at those who wish to move beyond undergraduate work and to engage in research in depth, but who also wish to take modules that help to develop research and related skills. The programme can be studied on a standalone basis or used as a stepping stone to a PhD.



### Modern Languages MRes

*(subject to approval)*

The taught content of this programme focuses on three areas: research skills, language study, and theory and its relationship to cultural production. The dissertation offers you the opportunity to pursue a specific area of research chosen from a wide range of topics offered by staff in Modern Languages.

Contact: Professor Frank Lough – [f.lough@bham.ac.uk](mailto:f.lough@bham.ac.uk)

### French Studies PhD/MA by Research

Our internationally recognised research ranges from the medieval to the contemporary period, focusing on the 18th century and after, with the preponderance in the 20th century. Our expertise spans a broad range of periods and topics, and we welcome enquiries and proposals relating both to discrete specialisms and to interdisciplinary and cross-disciplinary work.

Contact: [french-phd@contacts.bham.ac.uk](mailto:french-phd@contacts.bham.ac.uk)

### German Studies PhD/MA by Research

We are able to offer an exceptionally wide range of expertise, and hence supervision opportunities, across language, literature, history and culture, ranging from the medieval period to the present day. Germanists working here also benefit from special links to the DAAD-supported Institute for German Studies based in the College of Social Sciences.

Contact: [german-phd@contacts.bham.ac.uk](mailto:german-phd@contacts.bham.ac.uk)

### Hispanic Studies PhD/MA by Research

Research activity in Hispanic Studies spans medieval to modern, embracing the history, literatures and cultures of Spain, Catalonia, the Hispanic Caribbean, Spanish America, Portugal and Brazil. It also encompasses the disciplines of Linguistics, Translation Studies and Cinema.

Contact: [hispanic-phd@contacts.bham.ac.uk](mailto:hispanic-phd@contacts.bham.ac.uk)



# School of Languages, Cultures, Art History and Music

## MODERN LANGUAGES

### Italian Studies PhD/MA by Research

Italian Studies at Birmingham has an excellent record in attracting funding, and a vibrant postgraduate community. We welcome applications in the major areas of Italian Studies. Our research interests include: Italian politics; Italian media; Italian cinema; Italian literature and poetry; Medieval literature and Italian diachronic linguistics; cultural theory; and critical theory in Italy.

Contact: [italian-phd@contacts.bham.ac.uk](mailto:italian-phd@contacts.bham.ac.uk)

### Russian and East European Studies

PhD/MPhil/MA (Research)

Russian Studies in Modern Languages has close links with the Centre for Russian and East European Studies (CREES) – see page 249. Our research interests include: 20th-century Russian literature and visual culture; social inequality, class and work; ethnographic methods; new media, social networks and activism; Post-Soviet Russian media; 20th-century Russian literature; translation studies; and genre studies. In addition to supervision on these topics, we can offer co-supervision with our CREES colleagues on relevant research themes.

Contact: [crees-phd@contacts.bham.ac.uk](mailto:crees-phd@contacts.bham.ac.uk)

### Translation Studies PhD/MA by Research

Expert supervision is available from staff within our Departments of English and Modern Languages, representing a variety of relevant topics and specialisms. Research strengths include:

- Translation history
- Literary translation and reception
- Adaptation
- Translation and popular culture
- Translation stylistics
- Gender and translation
- Corpus-based translation studies

Contact: [english-phd@contacts.bham.ac.uk](mailto:english-phd@contacts.bham.ac.uk)

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
**[www.birmingham.ac.uk/drp](http://www.birmingham.ac.uk/drp)**



'The MA in Translation Studies goes into a lot of detail but also covers broader issues and concepts. The course includes theory as well as practice; it shows you how you can use theory to improve your practical translation. This knowledge has helped me to secure an internship working as a translator at the UN headquarters in New York.'

**Emily Russell**, MA Translation Studies, College of Arts and Law, pictured with Dr Gabriela Saldanha, convenor of this interdisciplinary programme run by the Departments of English and Modern Languages.

**LEARN MORE** [www.birmingham.ac.uk/pgprofiles](http://www.birmingham.ac.uk/pgprofiles)

## MUSIC

FT	Full-time
PT	Part-time
DL	Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Music MA	2:1 (Hons) in a relevant subject	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
RESEARCH					
Musiology PhD/PhD by DL/MA by Research/MA by Research by DL	PhD: Masters degree in a relevant subject MA by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£13,855 FT £6,927.50 PT (DL only)	PhD: 3 years FT 6 years PT MA by Research: 1 year FT 2 years PT	Negotiable
Musical Composition PhD/PhD by DL/MA by Research/MA by Research by DL	PhD: Masters degree in a relevant subject MA by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£13,855 FT £6,927.50 PT (DL only)	PhD: 3 years FT 6 years PT MA by Research: 1 year FT 2 years PT	Negotiable
Music Performance Practice PhD/MA by Research	PhD: Masters degree in a relevant subject MA by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£13,855 FT only	PhD: 3 years FT 6 years PT MA by Research: 1 year FT 2 years PT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014–15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

One of the most prestigious Music departments in the UK, we have been ranked second in the country for the quality of our world-leading research and the past year has seen us expand our offering even further.

### Facilities and resources

All of our postgraduate students become part of the College of Arts and Law Graduate School – a vibrant international community offering dedicated research resources, a supportive working environment and employability skills training. Students have access to a computer cluster provided with music software, such as Sibelius and Adobe Audition, and our Graduate School team of academic and operational staff are on hand to offer support and advice to all postgraduate students within the College.

We are located in the new Bramall Music Building in Chancellor's Court at the heart of the University campus. The new premises are centred on the 450-seat Elgar Concert Hall and contain a suite dedicated to the study and performance of early music, five electroacoustic studios and a large rehearsal room. In addition, the Department's performing and learning

facilities also include the Elgar Suite – a 16-room practice block – and the Birmingham Electroacoustic Sound Theatre (BEAST), which has an active concert presence within Europe. Our Music Library is one of the best in the country, with special collections centred on 20th-century English music, including Elgar's diaries, manuscript scores and early editions, and Baroque music, including many manuscript and early printed sources, and an extensive microfilm collection.

### Postgraduate study

Supervised by experts of international standing, postgraduate study in Music focuses on composition, musicology and performance practice. Composition includes electroacoustic music; conventional and mixed media electroacoustics; instrumental and vocal music; mixed instrumental and electroacoustic music; and live and interactive electroacoustics. Musicology ranges from the medieval to the contemporary, and across a number of European musical cultures.

The Department runs a Musicology research seminar series, at which papers are delivered by staff in the Department, eminent visiting speakers and our doctoral researchers.

# School of Languages, Cultures, Art History and Music

## MUSIC

Similarly, the Centre for Composition and Associated Studies (COMPASS) runs a series of events which are given by members of staff and invited speakers. Staff, postgraduate students and guests are warmly welcome to attend both series.

Birmingham also enjoys one of the liveliest music-making scenes of any campus, with a wide variety of ensembles organised by the Department of Music, University Music Society and the Guild of Students, all offering opportunities to meet and socialise as well as making music.

### Additional entry requirements

- For Composition – you should also submit scores and/or recordings of your work with your application
- For Musicology or Performance Practice – you should also submit a recent piece of written work and a brief research proposal with your application

These items should be copies, since they cannot be returned.

### Scholarships and studentships

Research council funding, University and College of Arts and Law Scholarships are open to postgraduates in Music. Please see page 20 for details.

For further information on the funding available please visit the University's postgraduate funding database:  
[www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

Doctoral researchers in the Department may also have the chance to carry out some undergraduate teaching in their second and third (or equivalent for part-time) years, which can provide additional income.

### Learn more

[www.birmingham.ac.uk/music](http://www.birmingham.ac.uk/music)

## Taught programmes

Our taught Music programme consists of six taught modules and a 15,000-word dissertation, a recital or a composition portfolio.

### Music MA

This flexible programme is designed to cater for those with a wide range of interests and specialisms. It is conceived as a 'next step' after the undergraduate degree, either as a stepping stone to research, as a qualification for further education teaching or simply to satisfy a thirst for development. There are 16 specialist pathways that you can choose from.

#### Pathways available:

- British Music Studies
- Choral Conducting
- Critical Musicology
- Early Music: Dissertation
- Early Music: Editing
- Early Music: Performance Practice (with solo tuition)
- Early Music: Performance Practice (without solo tuition)
- Editing (post-1800)
- Electroacoustic Composition/Sonic Art
- Instrumental/Vocal Composition
- Mixed Composition
- Musicology
- Open Pathway with Performance
- Open Pathway without Performance
- Performance
- Performance Practice (post-1800)

#### Contacts:

Composition pathways: Dr Scott Wilson – [s.d.wilson@bham.ac.uk](mailto:s.d.wilson@bham.ac.uk)

Early Music pathways: Dr Paul Rodmell – [p.j.rodmed@bham.ac.uk](mailto:p.j.rodmed@bham.ac.uk)

All other pathways: Dr Matthew Riley – [m.j.riley@bham.ac.uk](mailto:m.j.riley@bham.ac.uk)



Course finder [Apply online](#) (see pages 24–25)



## Research programmes

Our staff include composers, performers and writers on music and accordingly, we offer a range of research programmes for those wishing to specialise in musicology, composition or performance practice.

Contact: [music-phd@contacts.bham.ac.uk](mailto:music-phd@contacts.bham.ac.uk)

### Musicology PhD/MA by Research

We offer two research programmes: an MA by Research, which requires you to prepare a dissertation of up to 40,000 words on a topic of your choice; or a PhD, which leads to a dissertation of up to 80,000 words.

Our research expertise is focused on the Medieval, Baroque, Classical and Romantic periods, 19th and 20th century British music, music analysis and critical theory.

### Musical Composition PhD/MA by Research

On this programme you can create works which use electroacoustics and computer technology, traditional (and not so traditional) instrumental and vocal composition, or which combine these aspects. Works for interactive systems, multimedia and sound installations are also welcome, and you are encouraged to find your own individual path. Your research programme will culminate in a substantial portfolio – with a total duration of between 30 and 60 minutes for the MA by Research, and of approximately 90 minutes for the PhD.

### Music Performance Practice PhD/MA by Research

Uniquely, we offer degrees in performance practice at MA by Research and PhD levels, which allows performers of a proven ability to develop their work on historically informed performances of western art music. The programmes are assessed by performance and supported by written work – a 20,000-word thesis and 35–45 minute performance for the MA by Research, and a 60,000-word thesis and two performances of 30 and 50–60 minutes for the PhD.

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at: [www.birmingham.ac.uk/drps](http://www.birmingham.ac.uk/drps)

‘As well as funding my PhD, the College of Arts and Law has provided resources for me to travel to musicology and medievalist conferences in the UK and the USA, and has facilitated my travel to Paris and Montpellier to view crucial manuscripts. I have had the opportunity to undertake undergraduate teaching and relevant training courses, which have helped me gain my current position as Lecturer in Musicology and Performance at the University of Huddersfield.’

*Rachel Davies, PhD graduate, Department of Music*

# School of Philosophy, Theology and Religion

## PHILOSOPHY

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Global Ethics MSc	2:1 (Hons) in a relevant subject (eg, Philosophy, Law, English, Politics, etc)	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2–4 years PT	29/09/14
Health, Bioethics and Law MA	2:1 (Hons) in a humanities, social sciences or medicine subject	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Human Values and Human Rights MSc	2:1 (Hons) in a relevant subject, although appropriate work experience will also be considered	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2–4 years PT	29/09/14
International Law, Ethics and Politics MA	2:1 (Hons) in a relevant subject (eg, Philosophy, Law, Politics or cognate social sciences)	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Philosophy MA	2:1 (Hons) in a relevant subject (eg, Philosophy, Theology, Politics, Psychology, English, etc)	£5,940 FT £2,970 PT	£13,665 FT £6,832.50 PT	1 year FT 2 years PT	29/09/14
Philosophy of Health and Happiness MA/MA by DL	2:1 (Hons) in a relevant subject (eg, Philosophy, Theology, Politics, Psychology, English, etc)	£5,940 FT £2,970 PT	£13,665 FT £6,832.50 PT (DL only)	1 year FT 2 years PT	29/09/14
Philosophy of Language and Linguistics MA	2:1 (Hons) in a relevant subject (eg, Philosophy, Theology, Politics, Psychology, English, etc)	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Philosophy of Mind and Cognitive Science MA	2:1 (Hons) in a relevant subject (eg, Philosophy, Medicine, Psychology, English, etc)	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Philosophy of Religion and Ethics MA/MA by DL/PGDip	2:1 (Hons) in a relevant subject (eg, Philosophy, Theology or Religion)	£5,940 FT £2,970 PT PGDip: £3,960 FT £1,980 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
RESEARCH					
Philosophy MRes	2:1 (Hons) in Philosophy or a Joint Honours degree which included Philosophy	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
Philosophy PhD/PhD by DL/MA by Research/MA by Research by DL	PhD: Masters degree in a relevant subject MA by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT £6,282.50 PT (DL only)	PhD: 3 years FT 6 years PT MA by Research: 1 year FT 2 years PT	Negotiable
Global Ethics PhD/PhD by DL	PhD: Masters degree in a relevant subject MA by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT £6,282.50 PT (DL only)	PhD: 3 years FT 6 years PT MA by Research: 1 year FT 2 years PT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014-15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.





## Course finder [Apply online](#) (see pages 24–25)

Our Department is home to a dynamic and friendly community of philosophers, pursuing original research on a wide range of topics. We offer a variety of postgraduate programmes, and in addition to the formal teaching and training sessions we host a busy calendar of research seminars, colloquia and conferences.

Birmingham has a growing international reputation as a centre of excellence for research in analytic philosophy. Staff members write papers and books in key areas, such as metaphysics, philosophy of language, philosophy of religion, ethics and meta-ethics and we have research clusters in these areas.

We host regular research seminars, workshops and international conferences, and have an expanding postgraduate research programme.

In addition, our Department includes the Centre for the Study of Global Ethics, which was founded in 2001, and was the first of its kind in the UK. The Centre was set up to address the practical and theoretical issues raised by globalisation. Global Ethics has natural affinities with Political Science and International Relations, as well as the Institute of Applied Social Studies.

We have links with the College of Medical and Dental Sciences, the International Development Department, the Birmingham Business School, the School of Psychology and the Birmingham Law School. We are multidisciplinary in approach, as we believe that the issues we face today cannot be solved within, for example, economics, politics or philosophy alone.

### Facilities and resources

We are housed in the European Research Institute building, which is part of the main Edgbaston campus. All of our postgraduate students become part of – and contribute to – the vibrant international community of the College of Arts and Law Graduate School, which offers dedicated research resources, a supportive working environment and employability skills training. Our team of academic and operational staff are on hand to offer support and advice to all postgraduate students within the College.



### Postgraduate study

We have an expanding postgraduate community and our postgraduates are well integrated into our research culture. Students present and discuss their work in progress at the weekly postgraduate research seminar. They are also encouraged to contribute informally to the Philosophy Society and Staff Seminar. The Philosophy Society hosts guest speakers from other universities where the speaker gives a special pre-talk for graduate students, aimed at familiarising them with the background issues of the main talk.

The Department also makes funds available to cover the expenses of students wishing to participate in conferences. Global Ethics students are expected to attend the weekly Philosophy Seminar (which includes many speakers who are relevant to global ethics, including moral and political philosophers). In addition, in the spring term a dedicated global ethics seminar is convened in order to bring more activist and practitioner speakers to the Centre.

### Scholarships and studentships

Research council funding, University and College of Arts and Law Scholarships are open to postgraduates in Philosophy. Please see page 20 for details.

For further information on the funding available please visit the University's postgraduate funding database: [www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

Doctoral researchers in the Department may also have the chance to carry out some undergraduate teaching in their second and third (or equivalent for part-time) years, which can provide additional income.

### Learn more

[www.birmingham.ac.uk/philosophy](http://www.birmingham.ac.uk/philosophy)

# School of Philosophy, Theology and Religion

## PHILOSOPHY

### Taught programmes

Our taught programmes consist of six taught modules and a 15,000-word dissertation on the topic of your choice.

Contact: Dr Maja Spener – [m.spener@bham.ac.uk](mailto:m.spener@bham.ac.uk)

#### Global Ethics MSc

This flexible programme offers a range of modules in the field of ethics, in addition to the opportunity to participate in a research seminar or undertake a placement with an NGO or the equivalent. It is equally suitable for recent graduates or post-experience students, for those wishing to go on to further research in one or more of the topics, or for those with a personal interest in the field of global ethics.

#### Health, Bioethics and Law MA

The programme will enable you to critically explore key issues in bioethics and law in terms of legal principles and philosophical concepts. Co-taught by the Birmingham Law School and the Department of Philosophy, the programme takes an interdisciplinary approach. The programme is ideal for healthcare professionals, intercalating medical students, philosophers or anyone interested in the issues at the intersection of health care, ethics and law.

#### Human Values and Human Rights MSc

The programme takes a multidisciplinary approach to human rights and values, drawing on political theory, law, philosophy, theology, international relations and ethics. It allows you to approach the issue from a broad perspective and in the context of global ethics. The programme provides solid research training and contributes to the professional development of NGO personnel and those working in the public and private sector.

#### International Law, Ethics and Politics MA

This programme addresses the application of International Law, Global Ethics and Political Theory to problems such as poverty reduction, international trade, war and terrorism, climate change and democracy. The programme prioritises practice in relation to its three disciplinary components, featuring a range of optional modules from the Law, Politics and Philosophy departments.

#### Philosophy MA

On this programme you will be able to choose from a variety of modules covering key areas in Philosophy. These include: philosophy of mind and cognitive science; ethics, metaethics and global ethics; epistemology and metaphysics; philosophy of language; philosophy of health and happiness; value of life.

#### Philosophy of Health and Happiness MA

This programme focuses on the growing field of happiness and its overlap with health and wellbeing, asking questions such as: What is happiness? What is health? How does illness affect our understanding of what matters? Do our views about death and mortality affect how happy we are and how meaningful our lives are? You will explore issues at the intersection of philosophy, ethics, psychology and medicine, which have important implications for policy and health care.

#### Philosophy of Language and Linguistics MA

On this programme you will examine issues in semantic and cognitive externalism, the nature of interpretation, deflationism, the nature of concepts, philosophical issues concerning truth-theoretic semantics, and theories of judgement. You will have the opportunity to take modules from within English, Philosophy and Psychology.

#### Philosophy of Mind and Cognitive Science MA

This programme explores issues in philosophy of mind and the cognitive sciences, such as the nature of intentionality, physicalism, philosophical issues concerning rationality and interpretation, and consciousness. You will also have the opportunity to take modules from within Psychology and Computer Science.

#### Philosophy of Religion and Ethics MA/PGDip

You will explore the key issues in the fields of Philosophy and Religion and Ethics – for example: are there shared human values? How do we negotiate different belief systems in pluralistic societies? Is there a conflict between science and religion? Do people with different religious views have the same morals? Is life without God meaningless? You will take modules from across Philosophy and Theology and Religion.

'Birmingham is one of the few universities in the country where I could combine the study of Psychology and Philosophy: I did a bit of research before I picked Birmingham and I couldn't find anything as interesting as what I've been able to study here. Working with Lisa has been a fantastic opportunity.'

**Magdalena Antrobus**, MA Philosophy of Health and Happiness, Department of Philosophy, pictured at the University's Barber Institute of Fine Arts with Professor Lisa Bortolotti – a leading philosopher of the cognitive sciences.



**LEARN MORE** [www.birmingham.ac.uk/pgprofiles](http://www.birmingham.ac.uk/pgprofiles)

# School of Philosophy, Theology and Religion

## PHILOSOPHY

### Research programmes

We offer you the opportunity to study in a department that is strongly committed to delivering the highest quality of philosophical research.

#### Philosophy MRes

Our MRes programme combines taught modules with an extended independent project. It is aimed at those who wish to move beyond undergraduate work and to engage in research in depth, but who also wish to take modules that help to develop research and related skills. The programme can be studied on a standalone basis or used as a stepping stone to a PhD.

This programme offers you the opportunity to explore your specific interests in Philosophy, with expert supervision from one of our members of staff. You will choose modules relevant to your research from across the portfolio of taught programmes.

Contact: Dr Maja Spener – [m.spener@bham.ac.uk](mailto:m.spener@bham.ac.uk)

#### Philosophy PhD/MA by Research

We offer two research programmes: an MA by Research, which requires you to prepare a dissertation of up to 40,000 words on a topic of your choice; or a PhD, which leads to a dissertation of up to 80,000 words. Our research interests span a wide range of areas, including:

- Philosophy of mind and cognitive science
- Philosophy of language
- Moral philosophy (theoretical and applied)
- Metaphysics and epistemology
- Philosophy of religion

Contact: [philosophy-phd@contacts.bham.ac.uk](mailto:philosophy-phd@contacts.bham.ac.uk)

#### Global Ethics PhD

We offer the opportunity to carry out PhD-level research, culminating in an 80,000-word dissertation, and to explore the leading ethical issues of our time in a dynamic and reflective way. Our research interests cover a variety of topics, including:

- Ethics and global public health
- Ethics, war and terror
- Poverty and financial exclusion
- Ethics of borders and immigration

Contact: [philosophy-phd@contacts.bham.ac.uk](mailto:philosophy-phd@contacts.bham.ac.uk)

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
**[www.birmingham.ac.uk/drps](http://www.birmingham.ac.uk/drps)**

'I chose to study a postgraduate degree as I wanted an opportunity to tackle the topics that I had found most interesting and challenging as an undergraduate. Birmingham's course allowed me to write in depth on ethics and philosophy of language. In particular, it was a privilege to work so closely with a tutor who is a leader in their field.'

**Callum Hood**, MPhil(B) (now called MRes) Philosophy graduate. Callum is now a researcher for an MP.

FT Full-time  
PT Part-time  
DL Distance Learning

## THEOLOGY AND RELIGION

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Evangelical and Charismatic Studies MA/MA by DL/PGDip/PGDip by DL/ PGCert/PGCert by DL	2:1 (Hons) in Theology, Religious Studies or a related subject	MA: £5,940 FT £2,970 PT PGDip: £3,960 FT £1,980 PT PGCert: £1,980 FT/PT	MA: £13,665 FT only FT and PT DL fees: all as per Home/EU fees	MA/PGDip: 1 year FT 2 years PT PGCert: 4 months FT 8 months PT	29/09/14
History of Christianity MA	2:1 (Hons) in a relevant subject	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Holocaust and Genocide MA/PGDip/PGCert ( <i>subject to approval</i> )	2:1 degree in any subject for MA. Non-standard qualifications and professional experience will be considered for entry onto the PGDip and PGCert	MA: £5,940 FT £2,970 PT PGDip: £3,960 FT £1,980 PT PGCert: £1,980 FT/PT	£13,665 FT only	MA/PGDip: 1 year FT 2 years PT PGCert: 4 months FT 8 months PT	29/09/14
Islamic Studies MA/GDip	MA: 2:1 (Hons) in Theology or a related subject GDip: Any degree in a related subject	MA: £5,940 FT £2,970 PT GDip: £3,960 FT £1,980 PT	£13,665 FT only	MA: 1 year FT 2 years PT	29/09/14
Religion, Politics and Society MA ( <i>subject to approval</i> )	2:1 (Hons) in a relevant subject	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Theology and Religion MA	2:1 (Hons) in Theology or a relevant subject	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
RESEARCH					
History of Christianity MRes	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
Inter-religious Relations MRes	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
Islamic Studies MRes	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
Pentecostal and Charismatic Studies MRes	2:1 (Hons) in a relevant subject	£3,950 FT only	£12,565 FT only	1 year FT	29/09/14
Quaker Studies MRes	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
Religion and Culture MRes	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
Sikh Studies MRes	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14

CONTINUED OVERLEAF

# School of Philosophy, Theology and Religion

## THEOLOGY AND RELIGION

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
RESEARCH (continued)					
Theology and Religion MRes	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
Practical Theology Doctorate (DPT)	2:1 (Hons) in a relevant subject, plus a suitable base in practice	£1,975 PT only	£6,282.50 PT only	5–6 years PT	29/09/14
Theology and Religion PhD/PhD by DL/ MA by Research/MA by Research by DL	PhD: Masters degree in a relevant subject MA by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT £6,282.50 PT (PhD by DL only)	PhD: 3 years FT 6 years PT MA by Research: 1 year FT 2 years PT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014–15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

The Department of Theology and Religion combines internationally established strength in teaching and research with initiatives in new fields of study. The knowledge and expertise of our academic staff offers variety and depth of study in a context which supports and encourages multidisciplinary research and postgraduate study across the areas of theology and the study of religion.

We offer a variety of forward-thinking postgraduate programmes and research opportunities, from taught Masters to PhD degrees in a wide range of subject areas.

The Department of Theology and Religion plays a world-leading role in a diverse range of research such as Textual Scholarship, Electronic Editing, Christian–Muslim Relations, Islam and the West, Holocaust Studies, Biblical Studies, Dead Sea Scrolls, Philosophy of Religion and World Christianity (particularly Pentecostal and Charismatic Studies).

We were awarded a rating of 5 – in the top band which consists of 5 and 5\* – in the latest official Research Assessment Exercise and achieved a score of 23 out of 24 in the most recent Teaching Quality Assessment. The Department has extensive formal and informal links with a wide range of academic and religious

institutions across five continents. This, coupled with our large international community of postgraduates, means you will be studying in a diverse, yet well-connected environment.

### Facilities and resources

All of our postgraduate students become part of – and contribute to – the vibrant international community of the College of Arts and Law Graduate School, which offers dedicated research resources, a supportive working environment and employability skills training. Our team of academic and operational staff are on hand to offer support and advice to all postgraduate students within the College.

The Department is housed in the European Research Institute building on the main Edgbaston campus. Birmingham is one of the most multicultural cities in Europe, and most religious traditions are represented in the city. Our Department has built up excellent relationships and partnerships with Birmingham's many different faith communities, offering an ideal context to study religion in its contemporary as well as its ancient cultural contexts. We maintain close links with Queen's (Ecumenical) College, Oscott (Catholic) College and the Woodbrooke Quaker Study Centre. This offers access to many other collections of antiquarian books and historical papers.





## Course finder [Apply online](#) (see pages 24–25)

The Main Library houses a number of special collections of materials for research, including the personal papers of a number of significant figures in the history of the Church. These include:

- The Mingana Collection of Arabic and Syriac Manuscripts
- Archives of the Church Missionary Society
- Archives of the YMCA
- The Harold Turner Collection on new religious movements
- Manuscripts of religious texts on microfilm

The University's major library collection supports our research areas, with over 120,000 volumes and several hundred periodicals. Much of this is located in the modern, spacious Orchard Learning Resource Centre on the Selly Oak campus.

### Scholarships and studentships

Research council funding, University and College of Arts and Law Scholarships are open to postgraduates in Theology and Religion. Please see page 20 for details.

For further information on the funding available please visit the University's postgraduate funding database:  
[www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

Doctoral researchers in the Department may also have the opportunity to carry out some undergraduate teaching in their second and third (or equivalent for part-time) years, which can provide additional income.

### Learn more

[www.birmingham.ac.uk/tr](http://www.birmingham.ac.uk/tr)



## Taught programmes

Our taught programmes consist of up to six taught modules and, for MA students, a 15,000-word dissertation on the topic of your choice.

### Evangelical and Charismatic Studies MA/PGDip/PGCert

This programme explores the faith, practices, worship and teaching of Pentecostal/Charismatic and Evangelical communities from a critical academic perspective, which emphasises their global and contextual nature. It provides an excellent preparation for further research in the field, but is also well suited to personal and professional development purposes. You can pursue a range of specialisms and the dissertation provides an ideal opportunity for you to explore your own specific interests.

Contact: Professor Allan Anderson – [a.h.anderson@bham.ac.uk](mailto:a.h.anderson@bham.ac.uk)

### Holocaust and Genocide MA/PGDip/PGCert

*(subject to approval)*

This programme draws on our extensive interdisciplinary expertise in the study of the Holocaust and of genocide, including historical studies, refugee studies, conflict and war studies, memory studies, literary studies, translation studies, and film studies. It will immerse you in past and present debates about researching, remembering and commemorating the Holocaust and other genocides, and offers you the freedom to explore particular disciplinary perspectives through your choice of optional modules and dissertation topic.

Contacts:

Dr Isabel Wollaston – [i.l.wollaston@bham.ac.uk](mailto:i.l.wollaston@bham.ac.uk)

Dr Joanne Sayner – [j.sayner@bham.ac.uk](mailto:j.sayner@bham.ac.uk)

# School of Philosophy, Theology and Religion

## THEOLOGY AND RELIGION

### History of Christianity MA

This is an interdisciplinary programme involving staff from a number of departments, each providing a different area of expertise in the subject. Our range of expertise covers all periods and a wide range of historical approaches including Catholic, Orthodox, Protestant and African Independent branches of Christianity, as well as church history, social history and cultural history. This gives you a rich variety of options and a range of dissertation possibilities.

Contact: Dr David Gange – d.j.gange@bham.ac.uk

### Islamic Studies MA/GDip

This programme explores the thought and practice of Islam, focusing on major points of history and emphasising the doctrinal diversity and intellectual vigour of the tradition. It provides a means of exploring Islam as a world religion, and is also an excellent preparation for further research in the field. Modules include: Islamic Philosophy; Sufism; Islam in the Diaspora; Political Islam; Islam and Gender; and History of Christian–Muslim Relations. There are also opportunities to work on areas of special interest.

Contact: Professor David Thomas – d.r.thomas.1@bham.ac.uk

### Religion, Politics and Society MA

*(subject to approval)*

This programme examines the major themes around the role of religion in politics and international relations in the contemporary world and allows you to research the role of religion in society and politics, looking at both domestic and transnational contexts.

Contact: Dr Jagbir Jhutti-Johal – j.jhuttijohal.1@bham.ac.uk

### Theology and Religion MA

Theology and religion is a diverse subject area, employing a wide variety of methodological approaches in its discourse. It is not only a thriving subject area within the academy but a living, active area of study that engages communities of faith, politicians and those working in non-academic contexts. The programme reflects this complexity and is designed to

prepare you for professions which depend upon an advanced awareness of issues of theology and religion, and allow you to better appreciate the significance of these issues in contemporary society.

Contact: Dr Jagbir Jhutti-Johal – j.jhuttijohal.1@bham.ac.uk

## Research programmes

We have an outstanding international reputation in the study of all types of religion in the contemporary world and the foundational texts of major religious traditions. Our broad range of expertise means we are able to offer supervision in a wide range of topics, allowing you to pursue your specific interests.

In addition to our PhD and MA by Research programmes, we also offer MRes programmes which combine taught modules with a 20,000-word dissertation. They are aimed at those who wish to move beyond undergraduate work and to engage in research in depth, but who also wish to take modules that help to develop research and related skills. The programmes can be studied on a standalone basis or used as a stepping stone to a PhD.

### History of Christianity MRes

This programme draws on our wide range of expertise, which covers all periods and a wide range of historical approaches including Catholic, Orthodox, Protestant and African Independent branches of Christianity, as well as church history, social history and cultural history.

Contact: Dr David Gange – d.j.gange@bham.ac.uk

### Inter-religious Relations MRes

This programme studies religions in their historical and contemporary development, giving special attention to geographical spread, theological complexity and cultural influence. Recognising that the great religions have developed



## Course finder [Apply online](#) (see pages 24–25)



in relation to one another, it explores the affinities between them, their mutual indebtedness, their differences, and the clashes their encounters have produced.

Contact: Dr Josef Boehle – [j.boehle@bham.ac.uk](mailto:j.boehle@bham.ac.uk)

### Islamic Studies MRes

On this programme you explore most aspects of Islamic Studies, including Islamic history and philosophy and contemporary religious and political thought. The taught module content available to support your research includes: Islamic Philosophy; Sufism; Islam in Britain; Political Islam; Islam and Gender; and History of Christian–Muslim Relations.

Contact: Professor David Thomas – [d.r.thomas.1@bham.ac.uk](mailto:d.r.thomas.1@bham.ac.uk)

### Pentecostal and Charismatic Studies MRes

This programme forms part of the University's Centre for Pentecostal and Charismatic Studies, which is one of the largest and most prominent research centres for Pentecostal and Charismatic Studies in the world. It aims to explore these multifarious movements with academic honesty, emphasising the contextual nature of Charismatic Christianity, considering the lessons such a study has for world Christianity, and enabling academic reflection on these movements.

Contact: Dr Mark Cartledge – [m.j.cartledge@bham.ac.uk](mailto:m.j.cartledge@bham.ac.uk)

### Quaker Studies MRes

This programme will give you a comprehensive understanding of Quakerism, theologically, historically, and sociologically. It offers an exciting way to learn about, and reflect on, the Quaker past, present, and future, while also conducting some in-depth research. You will benefit from the knowledge and expertise of the Centre for Postgraduate Quaker Studies, which is a joint venture between Woodbrooke Quaker Study Centre and the School of Philosophy, Theology and Religion.

Contact: Dr Ben Pink Dandelion – [b.p.dandelion@bham.ac.uk](mailto:b.p.dandelion@bham.ac.uk)

### Religion and Culture MRes

This degree offers a framework within which you can develop knowledge and skills in the social, cultural and theological study of religion and lived faith in contemporary society. Studies can include formal religions, alternative/ 'New Age' spiritualities, or alternative sources of meaning that are not conventionally thought of as 'religious'. You can also study religion in different regional contexts, looking at anthropological, sociological, historical and cultural issues.

Contact: Dr Ian Draper – [i.draper@bham.ac.uk](mailto:i.draper@bham.ac.uk)

### Sikh Studies MRes

This programme will provide you with an understanding of the Sikh religion in a theological, anthropological and 'case-by-case' context with particular reference to the contemporary scene. It aims to develop your critical reasoning skills to enable you to objectively analyse Sikh writings as well as writings about the Sikh religion by both Sikh and non-Sikh scholars, and provides an excellent foundation for subsequent doctoral research. Texts studied will be in English.

Contact: Dr Jagbir Jhutti-Johal – [j.jhuttijohal.1@bham.ac.uk](mailto:j.jhuttijohal.1@bham.ac.uk)

### Theology and Religion MRes

This programme offers a wide range of possibilities for study and supervision in the study of Christianity, the Bible and Christian thought, including, for example: Pentecostal, Evangelical, Queer and Intercultural theologies; biblical hermeneutics; philosophy of religion and philosophical theology; contemporary systematic theology; Jewish and Holocaust Studies; and literary, cultural or historical approaches to Hebrew Bible or New Testament studies.

Contact: Dr Jagbir Jhutti-Johal – [j.jhuttijohal.1@bham.ac.uk](mailto:j.jhuttijohal.1@bham.ac.uk)

# School of Philosophy, Theology and Religion

## Practical Theology Doctorate

We offer a practice-based doctoral level degree particularly for part-time students. It provides a unique opportunity for practitioners in a wide variety of settings to work with peers from similar and different professional and voluntary contexts to gain a relevant research degree.

You will be encouraged to use your professional, voluntary or ministerial practice as the foundation for structured research in practical theology. You will take three introductory modules and complete a dissertation, permitting a staged approach to research. Assessment is by a portfolio of work including a literature review, a publishable article, a research proposal and a final 50,000-word dissertation.

Contact: Professor Stephen Pattison  
– [dptenquiries@contacts.bham.ac.uk](mailto:dptenquiries@contacts.bham.ac.uk)

## Theology and Religion PhD/MA by Research

We offer two research programmes: an MA by Research, which requires you to prepare a dissertation of up to 40,000 words on a topic of your choice; or a PhD, which leads to a dissertation of up to 80,000 words. Our research interests include:

- Biblical studies
- Contemporary religion and society
- Intercultural and practical theology
- Islam and Christian–Muslim relations
- Jewish and Holocaust studies
- Modern theology
- Pentecostal and Charismatic studies
- Philosophy of religion
- Quaker studies
- South Asian religion

Contact: [theology-phd@contacts.bham.ac.uk](mailto:theology-phd@contacts.bham.ac.uk)

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
**[www.birmingham.ac.uk/drps](http://www.birmingham.ac.uk/drps)**

'I have found the Department of Theology and Religion very helpful in guiding me to understand what research in my field is all about, as well as helping me to appreciate the original scholarship that is expected from a researcher. Supervisors and advisors in the Department are more than enthusiastic in shaping the focus of my research and sharpening my views. I have been encouraged to participate in a number of research seminars organised by other universities and colleges, which has really broadened my perceptions and helped me to meet other researchers in my field.'

*Vincent J Packianathan, PhD, Department of Theology and Religion*

# College of Engineering and Physical Sciences

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## Interdisciplinary programme

### PSIBS Physical Sciences of Imaging in the Biomedical Sciences Doctoral Training Centre

#### Physical Sciences of Imaging in the Biomedical Sciences

PhD with Integrated Study

This is an interdisciplinary programme that draws on skills and expertise from across the spectrum of science, engineering and medicine at Birmingham. It is open to graduates from engineering and the physical sciences disciplines.

#### Duration

4 years FT (MSc – year 1, PhD – years 2–4)

#### Entry requirements

The normal entrance qualification is a 2:1 Honours degree in a relevant subject (eg, Chemistry, Physics, Materials Science, Natural Sciences, Computer Science, Engineering or Mathematics).

#### Scholarships and studentships

Studentships may be available, visit our website for details:

[www.birmingham.ac.uk/psibs](http://www.birmingham.ac.uk/psibs)

#### Fees

Home/EU: £3,950 FT only; International £16,230 FT only

#### Start date

29 September 2014

#### Cross-disciplinary

Our training and research are inherently cross-disciplinary, bringing together complementary scientific perspectives and skills that enable students to tackle challenging problems at the cutting-edge of imaging advancement, achieving insights not accessible within a single discipline. As a PSIBS researcher, you will work with physical scientists (chemists, engineers and physicists) to gain an understanding of the processes of image formation and the development of image-enhancing agents, tracers and probes, as well as laboratory expertise and a grounding in generic scientific methodologies. You will work with computer scientists to gain skills in complex data modelling and image analysis. You will also work with life scientists to develop a knowledge of cellular and molecular biology, bio-systems, normal physiology and disease processes, with an awareness of topical research in these areas. We believe that scientists with this broad skill-base will push the boundaries of the field of imaging and contribute to future breakthroughs in biological and biomedical sciences.

#### Training environment

In the first year of the programme you will follow a course of six tailor-made taught modules and three cross-disciplinary research mini-projects. On successful completion of this stage you will pursue an individual three-year major PhD research project. The Doctoral Training Centre provides study and pastoral support throughout all four years of study in:

- Theoretical foundations
- Laboratory and practical skills
- Cross-disciplinary integration
- Training in enterprise, communication and other transferable skills
- Building networks within and beyond the University

Visit the website of the Doctoral Training Centre at:

[www.birmingham.ac.uk/psibs](http://www.birmingham.ac.uk/psibs)

Contact: Professor Mike Hannon – +44 (0)121 414 8808;

[psibs@contacts.bham.ac.uk](mailto:psibs@contacts.bham.ac.uk)

For individual Masters programmes in Imaging, please see the School of Chemistry on page 122.



# School of Chemical Engineering

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Advanced Chemical Engineering MSc/PGDip	2:1 (Hons) in a relevant subject	MSc: £5,940 FT £2,970 PT PGDip: £3,960 FT £1,980 PT	£17,355 FT only	1 year FT 2 years PT	29/09/14
Biochemical Engineering MSc/PGDip	2:1 (Hons) in a relevant subject (eg, Chemical Engineering, Biosciences, Food Science, Environmental Science, Engineering or Chemistry)	MSc: £5,940 FT £2,970 PT PGDip: £3,960 FT £1,980 PT	£17,355 FT only	1 year FT 2 years PT	29/09/14
Efficient Fossil Energy Technologies MSc	First-class (Hons) in a relevant subject (eg, Chemical Engineering, Materials Engineering or Mechanical Engineering)	£5,940 FT £2,970 PT	£17,355 FT only	1 year FT 2 years PT	29/09/14
Air Pollution Management and Control MSc/PGDip	MSc: 2:2 (Hons) in a relevant subject, or a degree without Honours plus 2 years' relevant work experience PGDip: As for the MSc, although holders of lower diplomas may be considered	MSc: £5,940 FT £2,970 PT PGDip: £3,960 FT £1,980 PT	£17,355 FT only	1 year FT 2 years PT	29/09/14
Food Safety, Hygiene and Management MSc/PGDip/PGCert	2:2 (Hons) in a relevant subject, or a degree without Honours plus 2 years' relevant work experience	MSc: £5,940 FT £2,970 PT PGDip: £1,980 PT only PGCert: £1,980 PT only	£17,355 FT only	MSc: 1 year FT 2 years PT PGDip: 1 year PT PGCert: 1 year PT PGCert: 6 months PT	29/09/14
Industrial Project Management MSc/PGDip/PGCert	2:1 (Hons) in a science or engineering subject, although relevant industrial experience may also be considered	MSc: £7,425 PT only (whole course) PGDip: £4,950 PT only (whole course) PGCert: £2,475 PT only (whole course)	£13,200 PT only (whole course)	MSc: 3 years PT PGDip/PGCert: 1–2 years PT	06/01/14
RESEARCH					
Chemical Engineering Science MRes	2:1 (Hons) in a relevant subject, or a lower degree plus an MSc or substantial relevant industrial experience	£3,950 FT £1,975 PT	£16,230 FT only	1 year FT 2 years PT	29/09/14
Hydrogen, Fuel Cells and their Applications MRes	2:1 (Hons) in a relevant subject, or a lower degree plus an MSc or substantial relevant industrial experience	£3,950 FT £1,975 PT	£16,230 FT only	1 year FT 2 years PT	Negotiable
Formulation Engineering EngD	2:1 (Hons) in Chemical Engineering, Biological or Physical Sciences, or Mathematics	£3,950 FT only	£16,230 FT only	4 years FT	29/09/14
Hydrogen, Fuel Cells and their Applications PhD with Integrated Study	2:1 (Hons) in a relevant subject (eg, Engineering, Mathematics, Economics or Chemical, Material, Biological or Physical Sciences)	£3,950 FT only	£16,230 FT only	4 years FT	29/09/14

CONTINUED OVERLEAF

# School of Chemical Engineering

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
RESEARCH (continued)					
Chemical Engineering PhD with Integrated Study	2:1 (Hons) in a relevant subject	£3,950 FT only	£16,230 FT only	4 years FT	29/09/14
Chemical Engineering PhD/MSc by Research	2:1 (Hons) in a relevant subject, or a lower degree plus an MSc or substantial relevant industrial experience	£3,950 FT £1,975 PT	£16,230 FT only	PhD: 3 years FT 6 years PT MSc by Research: 1 year FT 2 years PT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014–15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

Chemical Engineering at Birmingham is one of the three largest centres for postgraduate education of chemical engineers in the UK. We have a postgraduate population of over 100, half from overseas, creating a truly multinational population and a lively, vibrant research environment. We have pioneered development and research in rapidly expanding new areas, such as pharmaceuticals and bioproducts, food processing, hydrogen fuel cells and energy research, as well as having leading-edge groups in fluid and particle mechanics. Staff in the School have a wide range of expertise in fields such as tissue engineering, supercritical fluid processing, mathematical modelling and pharmaceutical engineering.

Our reputation is reflected in our RAE rating, which shows us to be in the top five Chemical Engineering schools in the country; 20% of our outputs were in the highest 4\* category (highest international, world-leading) and 45% in the 3\* (high international) ranking.

The Centre for Formulation Engineering within the School received the Queen's Anniversary Prize for Higher Education in 2011 for its 'pioneering research into micro-structured materials and outstanding track record in collaborative research and training with UK and multinational companies involved in process engineering.'

The School boasts two EPSRC Doctoral Training Centres; the Engineering Doctoral Centre in Formulation Engineering, in which researchers are embedded in companies to develop skills in applying academic research to problems of industrial

value; and the Doctoral Training Centre in Hydrogen, Fuel Cells and their Applications (in collaboration with Nottingham and Loughborough universities). Both will provide ten training places per year to highly qualified science and engineering graduates. In addition, the School has received major funding from Science City for work in Hydrogen Energy and Advanced Materials, and has fully equipped labs for material and flow characterisation and analysis.

Staff in the School have strong links with industry; our aim is to carry out work of the highest academic quality, which is directed to better understanding and solution of industry problems. Links with industry are strong, with most staff having collaborative research programmes with companies such as Unilever, Procter & Gamble, Johnson Matthey, Rolls-Royce, Cadbury, Pepsico, GSK, and Imerys. Many research projects have an industry component.

## Facilities and resources

Our Centre for Formulation Engineering enables research into structured products, in collaboration with Physics, Chemistry and Materials Science: £3.5 million of infrastructure funding has been used to modernise and redesign the laboratory space, bringing our bioprocessing facilities to Class 2 GMO standards, creating a suite of formulation engineering and computer laboratories and a pilot plant. Via the Centre for Hydrogen and Fuel Cell Research, we have purpose-built laboratories for development and testing of fuel cells and for hydrogen production via novel methods.



## Course finder [Apply online](#) (see pages 24–25)



### Postgraduate study

The modern focus of chemical engineering is on structured products where the micron-scale formulated structure determines the function of the material. Innovation in product and process requires interdisciplinary science and industry focus, both of which are internationally recognised at Birmingham.

The quality of our research students is a key factor in our continued success, and we recruit the best from around the world. Our research activity is collaborative, with new projects frequently bringing together academics with different interests. We also have current overseas collaborations with universities in Australia, China, Japan, India, Netherlands, Belgium, Germany, Italy, the Czech Republic, Poland, Portugal, Canada and the USA.

### Scholarships and studentships

A variety of scholarships are available. Please see page 20 for details or consult the University's postgraduate funding database: [www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

Learn more

[www.eng.bham.ac.uk/chemical](http://www.eng.bham.ac.uk/chemical)

## Taught programmes

### Advanced Chemical Engineering MSc/PGDip

You learn about aspects of chemical engineering that deal with the design and development of formulated products such as food and pharmaceuticals. You take six core and six optional short-course taught modules and carry out a research project with one of the research teams (MSc only). Optional modules enable you to gain specific knowledge relating to food and/or pharmaceutical product development. You may also choose business and management modules, or develop mathematical modelling skills. Modules are also available individually to fulfil continuing professional development needs.

Contact: Dr Neil Rowson – +44 (0)121 414 5298;  
[n.a.rowson@bham.ac.uk](mailto:n.a.rowson@bham.ac.uk)

### Biochemical Engineering MSc/PGDip

If you are interested in pursuing a career in biochemical engineering, biotechnology or bioprocessing, then this programme will provide you with the basic knowledge and skills required. It covers aspects of modern bioprocessing and biochemical engineering, including the design and operation of advanced production plant and processes, the application of post-genomic high-throughput techniques, the production and purification of biopharmaceuticals and cutting-edge tissue replacement therapies. As well as lectures and tutorials, you undertake laboratory work and complete a full process plant design exercise. You also have practical experience of working in the newly refurbished pilot plant of the Biochemical Engineering building, and gain research training on your own project attached to one of the teams working in the bioprocessing research section.

Contact: Dr Neil Rowson – +44 (0)121 414 5298;  
[n.a.rowson@bham.ac.uk](mailto:n.a.rowson@bham.ac.uk)

### Efficient Fossil Energy Technologies MSc

This multidisciplinary programme will prepare future leaders and industrial engineers with knowledge and skills to tackle major national and international power generation challenges over the next 15 years: implementing new power plant to generate electricity more efficiently using fossil energy with near zero emissions; demonstration and deployment of CO<sub>2</sub> capture; reducing CO<sub>2</sub> emissions from coal utilisation, including iron making and similar manufacturing processes. Taught in partnership with the Universities of Nottingham and Loughborough, under the Midlands Energy Graduate School, this programme brings world-leading research into context, together with excellence in teaching from three leading UK universities. You will study modules from all three universities and have a wide choice of optional modules which encompass managerial skills as well as technical and engineering topics, which will allow you to tailor your studies according to your preferences and career choice.

Contact: Professor Joe Wood – +44 (0)121 414 5295;  
[j.wood@bham.ac.uk](mailto:j.wood@bham.ac.uk)

# School of Chemical Engineering

## Air Pollution Management and Control MSc/PGDip

Run jointly with Environmental Health and Risk Management in the School of Geography, Earth and Environmental Sciences. This programme provides you with an understanding of the causes and effects of air pollution, and of the management measures and engineering technologies available for its control. The Diploma combines selected taught elements and the research project.

Contact: Dr Neil Rowson – +44 (0)121 414 5298;  
n.a.rowson@bham.ac.uk

## Food Safety, Hygiene and Management MSc/PGDip/PGCert

This provides an advanced academic training in food and public health by addressing the scientific, technical, managerial, political and legislative factors that influence food safety.

Contact: Ms Gillian Burrows – +44 (0)121 414 9151;  
g.burrows@bham.ac.uk

## Industrial Project Management MSc/PGDip/PGCert

This is a part-time MSc programme addressing the challenges of project management in an industry context.

Contact: Dr Neil Rowson – +44 (0)121 414 5298;  
n.a.rowson@bham.ac.uk

## Research programmes

### Chemical Engineering Science MRes

Selected modules from our taught programmes can be combined with an extended research project to obtain an MRes degree. This is a strongly research-oriented qualification and provides excellent training for further research in industry or academia.

Contact: Dr Richard Greenwood – +44 (0)121 414 5275;  
r.w.greenwood@bham.ac.uk

### Hydrogen, Fuel Cells and their Applications MRes

This new programme demonstrates the exciting future promise of hydrogen, fuel cells and their applications in a zero-emission world. Participants are taught through modules in science, engineering, team building, and business and management and will complete a dissertation. Graduates will have a systematic knowledge and understanding of the discipline, able to evaluate current research critically and propose new hypotheses.

Contact: Mr John Hooper – +44 (0)781 414 5275;  
j.c.hooper@bham.ac.uk

### Formulation Engineering EngD

This is an EPSRC-sponsored doctoral research and training programme. You combine a research project based in industry with a Masters-level training and development programme. Companies participating in the scheme are involved in modern process engineering and formulation of multiphase structured materials.

Contact: Dr Richard Greenwood – +44 (0)121 414 7234;  
r.w.greenwood@bham.ac.uk

### Hydrogen, Fuel Cells and their Applications

PhD with Integrated Study

Led by the University of Birmingham in collaboration with the Universities of Loughborough and Nottingham, this is an EPSRC-sponsored doctoral research and training programme. The programme lasts for four years and is focused on hydrogen and fuel cells as renewable energy sources and how these can be integrated into everyday infrastructure. It includes 120 credits of taught modules in the first three years in science, engineering, energy and team building as well as business, economics and management, with research opportunities available in hydrogen and fuel cell technologies. You will have a systematic knowledge and understanding of hydrogen, fuel cells and their applications including developments and problems at the forefront of the discipline.

Contact: Mr John Hooper – +44 (0)781 414 5275;  
j.c.hooper@bham.ac.uk

'I've always really enjoyed learning; I've always wanted to know how things work and why. The School of Chemical Engineering is excellent and with the research that goes on here, it just felt like the right place for me to be.'

*John Ramsay, PhD, School of Chemical Engineering, pictured with Mark Simmons, Professor in Fluid Mechanics. Their research interests in multiphase flows span a wide range of industry sectors.*



**LEARN MORE** [www.birmingham.ac.uk/pgprofiles](http://www.birmingham.ac.uk/pgprofiles)

#### **Chemical Engineering** PhD with Integrated Study

This PhD programme combines a broad foundation in chemical/bioprocess engineering through taught and assessed coursework with the full research training of a traditional PhD.

#### **Chemical Engineering** PhD/MSc by Research

Completion of a PhD consists of undertaking an extensive period of advanced research under the supervision and guidance of one or more experienced members of academic staff. To be awarded a PhD you must complete an original work of merit in the form of a 50,000-word thesis.

Research areas include:

- Bioprocessing
- Energy and Chemical Industries
- Food Health and Nutrition
- Speciality Chemical Products

Contact: Professor Mark Simmons – +44 (0)121 414 3947;  
pg-admis-chem-eng@bham.ac.uk

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
[www.birmingham.ac.uk/drp](http://www.birmingham.ac.uk/drp)

# School of Chemistry

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Chemical Biology and Biomedical Imaging MSc	2:2 (Hons) in a relevant subject (eg, Chemistry, Biochemistry, Forensic Science or Pharmacy)	\$7,020 FT only	£17,355 FT only	1 year FT	29/09/14
Drug Discovery and Medicinal Chemistry MSc	A high 2:1 (Hons) in Chemistry	\$7,020 FT only	£18,526 FT only	1 year FT	29/09/14
RESEARCH					
Chemistry for Biomedical Imaging MRes	2:2 (Hons) in a relevant subject (eg, Chemistry, Biochemistry, Forensic Science or Pharmacy)	\$7,020 FT only	£17,355 FT only	1 year FT	29/09/14
Chemistry PhD/MSc by Research	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£16,230 FT only	PhD: 3 years FT 6 years PT MSc by Research: 1 year FT 2 years PT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014–15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

Chemistry is a rapidly changing and exciting subject that is crucial to our understanding of many of today's global issues. The School of Chemistry at Birmingham has a long and distinguished record in carrying out original research of international stature, and we are committed to continuing in this vein. In the pursuit of excellence, we cultivate an intellectual climate and offer state-of-the-art facilities that, together, foster academic success and recognition. Chemistry at Birmingham is undergoing a period of renaissance and regeneration. In the past five years, we have received significant investment in new laboratories and equipment (>£4 million). In 2008 we were awarded ~£6 million for an EPSRC Doctoral Training Centre: Physical Sciences of Imaging in the Biomedical Sciences (PSIBS). The School is also actively involved in the EPSRC Doctoral Training Centre: Hydrogen, Fuel Cells and their Applications. As a research-led School, which has received significant recent investment in research infrastructure, we offer a high-quality research environment that will provide you with the best starting point for your future career.

## Facilities and resources

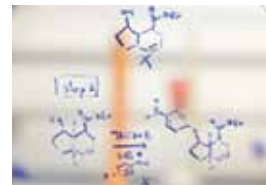
**Molecular Synthesis:** The School is equipped with excellent facilities for synthetic chemistry and product analysis, housing one of the best centres for small-molecule characterisation in the UK. This analytical facility contains state-of-the-art NMR spectroscopy, mass spectrometry, X-ray diffraction, variable temperature UV-vis-near IR spectroscopy, solid-state UV-vis spectroscopy, and time-resolved fluorescence, as well as a centralised chromatography facility for HPLC, GPC and GLC. A full complement of technical services including glass-blowing, electrical and mechanical workshops is on hand to support the School's research activities.

**Materials Chemistry:** Having benefited from the recent awarding of a Science City bid, facilities for inorganic materials synthesis and characterisation are also state-of-the-art. The School now has an extensive suite of materials characterisation equipment, including six powder X-ray diffractometers with both low- and high-temperature attachments, an X-ray fluorescence spectrometer, three thermal gravimetric analysis systems, a suite of physical properties measurement systems and a variable-temperature Raman spectrometer.





## Course finder [Apply online](#) (see pages 24–25)



**Nanoscale Chemistry:** Further funding from Advantage West Midlands and the European Regional Development Fund has allowed the School to expand its surface characterisation and nanochemistry facility which now contains instrumentation for carrying out atom force microscopy, scanning tunnelling microscopy, confocal microscopy, spatially resolved mass spectrometry, surface plasmon resonance spectroscopy, spectroscopic ellipsometry, nanotribometry, X-ray photoelectron spectroscopy, polarisation modulation infra-red reflection adsorption spectroscopy, dynamic light scattering and zeta potentiometry as well as a nanoparticle tracker, nanoindenter and metal evaporator. Many research groups working in materials chemistry and nanoscale chemistry also make extensive use of national and international synchrotron and neutron facilities.

**Theoretical Chemistry:** The School has excellent computing facilities, which include access to the University's 1500 processor BlueBEAR supercomputing cluster, funded through SRIF3.

### Postgraduate study

The School's research and teaching facilities, and infrastructure in combination with the expertise and guidance provided by your project supervisor will ensure you have the best opportunity to succeed in your chosen area of research. In addition to your supervisor providing the specialist training that is relevant to your research project, the School also places a high priority on providing more generic training, ranging from scientific record-keeping and report writing, through to presentation skills and health and safety.

You will also have the opportunity to present your achievements and research aspirations to other members of the School through oral and poster presentations in our annual Postgraduate Symposium, as well as through more informal discussions with other people working in your research group or theme. The School actively encourages its students to present their research at national and international conferences and provides travel bursaries to help finance these trips.

The School holds regular series of seminar programmes, in which internationally renowned scientists from across the world present their research and interact with members of the School. These colloquia series are supplemented by regular one-day symposia, and national or international conferences.

By the end of your time in the School, you will not only be an expert in your chosen area of research but also well qualified to enter the workplace, whether that be in academia or industry.

### Scholarships and studentships

A variety of scholarships are available. Please see page 20 for details or consult the University's postgraduate funding database: [www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

### Learn more

[www.birmingham.ac.uk/chemistry](http://www.birmingham.ac.uk/chemistry)

## Taught programmes

### Chemical Biology and Biomedical Imaging MSc

This interdisciplinary Masters programme is suitable for graduates in chemistry, biochemistry, pharmacy and forensic science who wish to tackle challenging problems in life and medical sciences.

The programme, delivered by academic staff and practitioners in hospitals and industry, combines training in:

- Chemistry and physical techniques
- Data modelling and image analysis
- Life science and medicine

Gaining skills and expertise from different sciences and medicine will uniquely position you for careers in the healthcare, pharmaceutical and imaging industries. The programme is delivered within the PSIBS unit, which is the UK EPSRC centre of excellence for postgraduate training in Biomedical Imaging, led by Chemical Biology Professor, Mike Hannon.

Contact: Professor Mike Hannon –  
+44 (0)121 414 8808; [psibs@contacts.bham.ac.uk](mailto:psibs@contacts.bham.ac.uk)  
[www.birmingham.ac.uk/psibs](http://www.birmingham.ac.uk/psibs)

# School of Chemistry

## Drug Discovery and Medicinal Chemistry MSc

The course is designed to give chemists with a first degree a good understanding of how synthetic organic chemistry provides the foundation for the discovery of new medicines. The programme develops chemistry skills in the context of drug design, for example through lectures and interactive sessions with industry experts, molecular modelling and an extended multidisciplinary project.

Topics span chemistry, natural products and synthesis, through to metabolism, pharmacology and information, patents and IPR. The course teaches the 'Bench to Bedside' scientific landscape, including chemistry, pharmacology, toxicology, and information science and is a perfect transition programme towards industry or a PhD.

Contact: Postgraduate Admissions Secretary –  
+44 (0)121 414 2275; chem-pgadmissions@lists.bham.ac.uk

## Research programmes

### Chemistry for Biomedical Imaging MRes

This interdisciplinary programme is suitable for graduates in chemistry, biochemistry, pharmacy and forensic science who wish to tackle challenging problems in life and medical sciences.

The programme, delivered by academic staff and practitioners in hospitals and industry, combines training in:

- Chemistry and physical techniques
- Data modelling and image analysis
- Life science and medicine

This programme also includes cutting-edge research projects and offers the opportunity to pursue further doctoral (PhD) studies. The programme is delivered within the Doctoral Training Centre for Physical Sciences of Imaging in the Biomedical Sciences (PSIBS), led by Chemical Biology Professor, Mike Hannon.

Contact: Professor Mike Hannon – +44 (0)121 414 8808;  
psibs@contacts.bham.ac.uk  
[www.birmingham.ac.uk/psibs](http://www.birmingham.ac.uk/psibs)

## Chemistry PhD/MSc by Research

Research in the School is divided into four research units:

- Biomolecular, Supramolecular and Nanoscale Chemistry
- Molecular Synthesis and Catalysis
- Physical and Theoretical Chemistry
- Solid State Chemistry

Research projects are available in all these areas, including hot topics such as Biomolecular recognition for drug development and sensing, Energy Materials, Nanoscale Science, Molecular Synthesis and Catalysis, Theranostics-therapeutic and diagnostics in molecular and nanoscale chemistry, and Soft Matter.

Contact: Postgraduate Admissions Secretary –  
+44 (0)121 414 2275; chem-pgadmissions@lists.bham.ac.uk

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
[www.birmingham.ac.uk/drps](http://www.birmingham.ac.uk/drps)

'My experience within the School and its community of postgraduate researchers has been extremely positive. One of the features I most appreciate is the strong connection the University has with industry. In fact, my PhD studies are partially funded by TDK EPC, one of the largest manufacturers of electronic components.'

*Giorgio Schileo, PhD, School of Chemistry*

# School of Civil Engineering

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Civil Engineering MSc	2:1 (Hons) in Civil Engineering or a relevant non-engineering subject; industrial experience and CEng/IEng qualifications will also be taken into account	£5,940 FT £2,970 PT	£17,355 FT only	1 year FT 2 years PT	29/09/14
Civil Engineering and Management MSc/PGDip/PGCert	2:1 (Hons) in Civil Engineering or a relevant non-engineering subject; industrial experience and CEng/IEng qualifications will also be taken into account	MSc: £5,940 FT £2,970 PT PGDip: £3,960 FT £1,980 PT PGCert: £1,980 FT £1,980 PT	£17,355 FT only	MSc: 1 year FT 2 years PT PGDip: 8 months FT 16 months PT PGCert: 6–8 months (depending on module choice)	29/09/14
Construction Management MSc/PGDip	2:1 (Hons) in a relevant subject (eg, Engineering, Science or Mathematics)	MSc: £5,940 FT £2,970 PT PGDip: £3,960 FT £1,980 PT	£17,355 FT only	MSc: 1 year FT 2 years PT PGDip: 8 months FT 16 months PT	29/09/14
Geotechnical Engineering MSc/PGDip/PGCert	2:1 (Hons) in a relevant subject (eg, Engineering, Science, Geology, Geography or Mathematics). Practical experience will also be taken into account	MSc: £6,840 FT £3,420 PT PGDip: £5,610 FT £2,805 PT PGCert: £2,805 FT £1,268 PT	£17,355 FT only	MSc: 1 year FT 2 years PT PGDip: 8 months FT 16 months PT PGCert: 6–8 months (depending on module choice)	29/09/14
Geotechnical Engineering and Management MSc/PGDip/PGCert	2:1 (Hons) in a relevant subject (eg, Engineering, Science, Geology, Geography or Mathematics). Practical experience will also be taken into account	MSc: £6,840 FT £3,420 PT PGDip: £5,610 FT £2,805 PT PGCert: £2,805 FT £1,268 PT	£17,355 FT only	MSc: 1 year FT 2 years PT	29/09/14
Railway Systems Engineering and Integration MSc/PGDip/PGCert	2:1 (Hons) in a relevant subject (eg, Engineering, Physics, Economics or Mathematics). Practical experience will also be taken into account	MSc: £13,950 FT £6,975 PT PGDip: £9,300 FT £4,650 PT PGCert: £4,650 FT £2,340 PT	MSc: £17,355 FT only PGDip: £11,570 FT only PGCert: £5,785 FT only	1 year FT 2 years PT	29/09/14
Road Management and Engineering MSc/PGDip/PGCert	2:1 (Hons) in a relevant subject (eg, Engineering, Sciences, Geology, Geography or Mathematics). Practical experience will also be taken into account	MSc: £5,940 FT £2,970 PT PGDip: £3,960 FT £1,980 PT PGCert: £1,980 FT £1,980 PT	£17,355 FT only	MSc: 1 year FT 2 years PT PGDip: 8 months FT 16 months PT PGCert: 4 months FT 8 months PT	22/09/14
Water Resources Technology and Management MSc/PGDip	2:1 (Hons) in a relevant subject (eg, Engineering, Sciences, Geology, Geography or Mathematics). Practical experience will also be taken into account	MSc: £5,940 FT £2,970 PT PGDip: £3,960 FT £1,980 PT	£17,355 FT only	MSc: 1 year FT 2 years PT PGDip: 8 months FT 16 months PT	29/09/14

CONTINUED OVERLEAF

# School of Civil Engineering

FT Full-time  
PT Part-time  
DL Distance Learning

Programmas	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
RESEARCH					
Railway Systems Integration MRes	2:1 (Hons) in a relevant subject	£3,950 FT only	£16,230 FT only	1 year FT	29/09/14
Civil Engineering PhD/MSc by Research/MPhil	2:1 (Hons) in a relevant subject, or a lower degree plus an MSc or substantial relevant industrial experience	£3,950 FT £1,975 PT	£16,230 FT only	PhD: 3 years FT 6 years PT MSc by Research: 1 year FT 2 years PT MPhil: 2 years FT 4 years PT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014-15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

Civil Engineering, in all its aspects, is a cornerstone of the development of civilisations and is essential in supporting sustainable living. There is a long history of education in this area at Birmingham and we take pride in providing both a wide range of postgraduate taught programmes and many opportunities for training in research. Civil Engineering at Birmingham covers most branches of the discipline, thus preparing graduates for a variety of rewarding career opportunities across industry and academia.

## Facilities and resources

A wide range of teaching facilities are available, including high-quality lecture rooms and well-equipped and appropriately resourced research laboratories. These facilities are augmented by computer clusters that host the most up-to-date discipline-specific software. Well-equipped facilities are also available for undertaking research in public health, soil mechanics, geotechnical engineering, water engineering, wind engineering, railway engineering and structural engineering. A range of flumes are available in the hydraulics laboratory. In addition to these, the School operates a large cross-section wind tunnel and a facility to simulate down draughts from thunder storms. A rig with three half-sleepers allows near full-scale dynamic investigations into railway track foundations and a spinning rail rig is available to study the state of the rail head and to influence its behaviour at speeds of 80 km/h. Advanced computer systems are provided for research into numerical modelling of complex systems and

issues associated with sustainability. All our research teams are supported by funding from research councils, industry and other sources.

## Postgraduate study

Research is carried out in the Infrastructure Engineering and Management Research Centre and in the Birmingham Centre for Railway Research and Education. We cover activities ranging from the management of water resources and the environment to the mechanical performance of complex structural units that could equally be used in aircraft and ships and for civil engineering purposes. As a result of this diversity and the need for collaboration between sub-disciplines, our research activities are organised into four broad themes (see 'research programmes' listing). Within these themes, traditional and advanced subject areas are covered by a spectrum of projects that range from those generating fundamental understanding to those targeted at specific engineering applications of new knowledge, techniques or processes.

We offer high-quality, research-led taught programmes, which include an element of research training as well as comprehensive tuition in the specialist area. The MSc, Postgraduate Diploma and Postgraduate Certificate may be studied on a full- or part-time basis. All our MSc programmes are accredited by the IStructE, IHE, IHT and ICE. Some



## Course finder **Apply online** (see pages 24–25)

taught modules may be studied for continuing professional development. Our broad range of academic staff and their research interests will allow you to study subjects that lie between the traditional disciplines and to focus in depth on one particular field.

### Scholarships and studentships

A variety of scholarships are available. Please see page 20 for details or consult the University's postgraduate funding database: [www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

### Learn more

[www.birmingham.ac.uk/civil-engineering](http://www.birmingham.ac.uk/civil-engineering)

## Taught programmes

All our postgraduate programmes include two terms of formal teaching through lectures, tutorials and independent study-based coursework. Postgraduates studying for the MSc complete an individual project, in the case of full-time students during the summer.

Contact: For further information about all of our taught programmes contact +44 (0)121 414 5089; [pga-civeng@bham.ac.uk](mailto:pga-civeng@bham.ac.uk)

### Civil Engineering MSc

This programme is aimed at civil engineering and graduates of related disciplines wishing to enter the profession and who wish to attain a general Masters-level qualification rather than specialising in a particular subject area. It allows students to tailor their studies to meet the needs of their chosen career path by offering a set of core modules and a wide range of options that support a very diverse range of individual research projects.

### Civil Engineering and Management MSc/PGDip/PGCert

This programme provides the relevant skills, knowledge and understanding to equip graduates for a career in civil engineering



and project management. It addresses the tasks that arise in engineering and construction organisations and provides know-how, skills and techniques that are of practical use in the management of civil engineering activities and the implementation of all stages of construction and civil engineering projects. This opens up a wide range of career opportunities, as many of the techniques learnt are applicable both within and outside the civil engineering design and construction industry.

### Construction Management MSc/PGDip

Provides advanced training to graduates to develop construction management skills opening up leading roles in a professional capacity. The skills gained provide participants with the ability to respond to the changing requirements of the construction industry in both the UK and overseas. The programme includes lectures, tutorials, workshops, industrial seminars, site visits and individual projects.

**'The programme allowed me to develop practical skills in the management and implementation of construction projects in a professional capacity. I am now working as a senior construction consultant for a government organisation funding new industrial projects. The practical training and personal skills gained through taking the MSc course have directly enabled me to do my job.'**

*Eid Almutairi, MSc Construction Management graduate, School of Civil Engineering*

# School of Civil Engineering

## Geotechnical Engineering MSc/PGDip/PGCert

Our aim is to provide advanced training to civil engineers and geologists who wish to broaden their knowledge or to specialise in the field of geotechnical engineering. The programme includes lectures, design studies, laboratory classes, site visits and individual projects. In addition to this, external lectures are provided by experts and leaders from industry.

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## Geotechnical Engineering and Management

MSc/PGDip/PGCert

This programme is aimed at civil engineers and geologists who wish to broaden their professional scope, or to specialise in geotechnical engineering augmented with modern managerial skills. It consists of taught modules (lectures, laboratory classes, design exercises, workshops) and site visits.

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## Railway Systems Engineering and Integration

MSc/PGDip/PGCert

This programme develops the skills, know-how and understanding required to manage the complex interfaces and interactions characterising existing and new railway systems. Participants with a background in engineering or in another numerate discipline acquire a broad knowledge of railway subsystems and the associated technologies and techniques. They gain systems integration skills and enhance their ability to work in focused project teams. Technology-oriented modules cover the principles of designing and managing railway rolling stock, railway traction systems, infrastructure and track systems, as well as railway control. Postgraduates also study systems engineering and human factors, along with modules focused on the strategic management of railway businesses. The programme has a strong input from the School of Electronic, Electrical and Computer Engineering and features industrial visits and a European study tour.

For further information about the programmes in Railway Systems Engineering please contact:

Mrs Joy Grey – +44 (0)121 414 4342

## Road Management and Engineering MSc/PGDip/PGCert

The programme is designed for engineers aspiring to senior- or middle-management positions in the private or public sector. It has a strong emphasis on equipping you with the appropriate technical and managerial skills required for the road specialist. Core subjects covered include road economics and financing, road design, materials, pavement design, drainage, road asset management, road safety and sustainable transport policy. The flexible programme is delivered through a combination of lectures, tutorials, site visits and a research project (for the MSc programme only).

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## Water Resources Technology and Management MSc/PGDip

Climate change, population growth, urbanisation and pollution all mean that society faces the urgent need to adapt to reductions in natural resource availability and to control energy use. At the very heart of this is the availability and management of water and waste water. This intensive programme recognises water as the world's most precious natural resource. It provides advanced training for engineers and scientists in order to develop their understanding of the activities involved in the design and operation of water engineering systems. This opens up a range of career opportunities for specialists and generalists who understand the complex role of water in modern society and can provide guidance to ensure optimum utilisation of this increasingly scarce resource. The integrated approach to the water cycle and the use of modern management techniques ensure that graduates of the programme attain senior management positions in the water industry, both in the UK and overseas.



‘One of the strong points of the MSc in Railway Systems Engineering and Integration is its interdisciplinarity. No one person can have an understanding of the whole railway, but the MSc allows specialists in one area to understand the requirements of other disciplines and how they work together.’

*Dr Stuart Hillmansen, Head of the Traction Research Group, Birmingham Centre for Railway Research and Education. The Centre brings together a multidisciplinary team from across the University to tackle engineering problems.*



**LEARN MORE** [www.birmingham.ac.uk/pgprofiles](http://www.birmingham.ac.uk/pgprofiles)

## Research programmes

### Railway Systems Integration MRes

This railway-focused interdisciplinary research programme combines a major investigative project with technical study to build on previous academic study or industrial experience in a relevant related subject area. You will benefit from the fundamental and applied research being carried out in the Birmingham Centre for Railway Research and Education. Comprising two-thirds research, this programme allows you to carry out a substantial research project, usually in collaboration with industry, while learning more about specific technical and management issues relevant to the railway industry.

Contact: Professor Chris Baker – +44 (0)121 414 5067;  
c.j.baker@bham.ac.uk

### Civil Engineering PhD/MSc by Research/MPhil

Our research tackles the problems faced by society today and develops the knowledge and tools to build the communities of the future. Many of our projects have had a significant impact on society; the impact of others will be felt by generations to come. Research within the School is clustered into two themes:

- Railways and Transport
- Resilience and Sustainability

Full-time doctoral studies normally take three years, with an extension to four years for writing up. The duration of part-time study depends on the proportion of time allocated to the research activity, eg, a 50% commitment results in a period of study of six years. The MSc by Research takes one year for full-time study and a proportionate time for part-time study. Both PhD and MSc by research contain elements of research training.

Contact: Professor Miles Tight – +44 (0)121 414 5071;  
m.r.tight@bham.ac.uk

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
[www.birmingham.ac.uk/drp](http://www.birmingham.ac.uk/drp)

‘The course prepared me perfectly for a career in the water industry. It provided advanced training in theory and design, integrating scientific, engineering and management aspects, all of which are integral to succeed in the consulting practice. The course is well established and leading employers are very familiar with the skills and qualities of successful graduates. I use the knowledge I obtained at Birmingham on a daily basis and can safely say that I would not be in my current job having not undertaken the course.’

*Joshua Oliver, MSc Water Resources Technology and Management graduate, School of Civil Engineering*

# School of Computer Science

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Advanced Computer Science MSc	A minimum of 2:1 (Hons) in a relevant subject, although the usual offer is a first-class degree	£5,940 FT only	£17,355 FT only	1 year FT	29/09/14
Computer Science MSc	2:2 (Hons) in any subject	£5,940 FT only	£17,355 FT only	1 year FT	29/09/14
Computer Security MSc	2:1 (Hons) in in Computer Science or a closely related discipline, including object-oriented programming and data structures and algorithms	£5,940 FT only	£17,355 FT only	1 year FT	29/09/14
Human Computer Interaction MSc	Usually a high 2:1 (Hons) in a relevant subject although a low 2:1 will also be considered	£5,940 FT only	£17,355 FT only	1 year FT	29/09/14
Multidisciplinary Optimisation MSc	2:1 (Hons) in a science or engineering subject with sufficiently high marks in Fundamental Mathematics and Computing	£5,940 FT only	£17,355 FT only	1 year FT	29/09/14
Robotics MSc	2:1 (Hons) in a relevant subject (eg, Computer Science, Electronic Engineering, Physics, Mathematics, Mechanical Engineering), plus programming experience	£6,440 FT only	£17,855 FT only	1 year FT	29/09/14
RESEARCH					
Natural Computation MRes	2:1 (Hons) in Computer Science or Computer Engineering, or another science or engineering subject with a significant computing component	£3,950 FT only	£16,230 FT only	1 year FT	29/09/14
Computer Science PhD	2:1 (Hons) in Computer Science or a subject relevant to the research topic (eg, Mathematics or Physics)	£3,950 FT £1,975 PT	£16,230 FT only	3 years FT 6 years PT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014–15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

Computer Science at Birmingham dates back to the late 1950s, with the School of Computer Science becoming one of the first academic departments in the UK to undertake research and teaching in this field. Some 60 years later, we now provide specialist teaching and conduct world-leading research in fundamental and applied computer science, artificial intelligence, optimisation, computer security, robotics and medical imaging. We are at the forefront of many areas of this dynamic field – for example; we invented and developed the SIAScope, a unique imaging device used by dermatologists to aid the early diagnosis of skin cancers.

Ranked by our 2008 RAE success as joint seventh in the UK for the quality of our ‘world-leading’ research, we are proud to deliver outstanding postgraduate education informed by academics at the forefront of their fields. We are also ranked 4th in the *Sunday Times League Table 2013*. We welcome applications from highly

motivated and well-qualified graduates and look forward to providing you with the chance to be involved in our innovative research-led developments as they are being made.

## Facilities and resources

The School resides in a purpose-designed building, which offers 24-hour, 7 days a week swipe card access to an impressive range of state-of-the-art facilities. These include dedicated laboratories for teaching, robotics and medical imaging, cluster computing suites, a full wireless network, a computer science reference library and social spaces – providing computer science students with innovative space for independent and group-based learning as well as socialising.

## Postgraduate study

We are home to the following research centres: the Centre of Excellence for Research in Computational Intelligence and

# School of Computer Science

Applications (CERCIA) Cyber Security Research (ACE-CSR) and Human-Computer Interaction Research Centre (HCI). We are also part of the Centre for Computational Neuroscience and Cognitive Robotics (CN-CR) together with the School of Psychology, and the Physical Sciences of Imaging in the Biomedical Sciences Doctoral Training Centre.

We are a truly international School, with postgraduate students and staff from many countries contributing to the rich diversity of our research community. Active links with other global universities give our postgraduates opportunities to join international research partnerships in Australia, Canada, China, New Zealand, Singapore, South Korea, Sweden and the USA.

Our careers and employability support team regularly arrange specialist fairs in software, systems, emerging technologies, consultancy, social, cloud and financial computing. Our fairs host some top national and international employers. We run the 'Employers in Residence' scheme, where top employers set their desks in our School to 'headhunt' candidates. Our students have access to the support of specialist internship officers, careers and industrial liaison tutors and advisors for advice on finding jobs, placements, CVs, interviews and applications. Our recent graduate employability figure was 95.7%.

Our graduates are employed by Accenture, Apple, BUPA, European Space Agency, Expedia.com, Goldman Sachs, HP, IBM, Microsoft, Logica, Honda, Rolls-Royce, QinetiQ, Siemens, Google, Deloitte, Sony, Oracle, Citi, UBS, pwc, GCHQ, and Credit Suisse, among others.

We supervise PhD and MPhil students in a range of fundamental and applied areas of computer science. We offer both taught and taught-research Masters degrees and we currently have around 150 students on these programmes.

We hold postgraduate information days at various times throughout the year. Contact us for further details:

Taught: +44 (0)121 415 8742; [msc-admissions@cs.bham.ac.uk](mailto:msc-admissions@cs.bham.ac.uk)

Research: +44 (0)121 414 5005;

[compsci-phd@contacts.bham.ac.uk](mailto:compsci-phd@contacts.bham.ac.uk)

## Scholarships and studentships

Computer Science has a full range of scholarships and studentships available to eligible students. Please visit our website for further information:

[www.cs.bham.ac.uk/scholarships](http://www.cs.bham.ac.uk/scholarships)

Find out more about EPS College Scholarships and central University Scholarships by visiting:

[www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

Learn more

[www.cs.bham.ac.uk](http://www.cs.bham.ac.uk)

## Taught programmes

### Advanced Computer Science MSc

An advanced programme drawing upon our international research reputation that is designed to prepare you for a career in academic or industrial research in computer science. It offers a broad range of advanced taught modules and deepens your knowledge through individual supervision in one of the many research areas of the School. In the final four months, one of the mini-projects is extended into the final summer dissertation. Contact: Dr Dave Parker – +44 (0)121 415 8742; [msc-admissions@cs.bham.ac.uk](mailto:msc-admissions@cs.bham.ac.uk)

### Computer Science MSc

This one-year programme offers two routes of study depending upon the experience and knowledge of the student.

- Route 1: A 'conversion' Masters, for graduates new to computing
- Route 2: A consecutive Masters for graduates with some prior experience of computing and object-oriented programming

Both routes provide a technical degree with much programming, designed to give you a grounding in both the fundamentals of computer science, practical software development skills and choice of in-depth modules for both Route 1 and Route 2 students. The final four months are spent on an individual project of your choice.

Contact: Dr Jim Yandle – +44 (0)121 415 8742;

[msc-admissions@cs.bham.ac.uk](mailto:msc-admissions@cs.bham.ac.uk)



## Course finder [Apply online](#) (see pages 24–25)

### Computer Security MSc

For graduates in a computing-related discipline; this programme covers the theory and practice of designing and building secure systems and provides a firm grounding in cryptography, network security and secure programming. It gives you practical experience with technologies and toolkits for building internet-based software. You also undertake a large, personally supervised project in the final months of the course with the potential to present at top computer security conferences.

Contact: Dr Shishir Nagaraja – +44 (0)121 415 8742;  
msc-admissions@cs.bham.ac.uk

### Human Computer Interaction MSc

Human Computer Interaction concerns the study of how people, organisations and communities use computers and smartphones. In this course you will cover the underpinning theories, methodologies and practice of the discipline. You will also have the opportunity to broaden your studies through optional modules in areas such as Robotics, Nature Inspired Computing or Security. The course builds upon the world-class research of the HCI Centre through project work and is designed to prepare you for a career in research or in industry or commerce.

Contact: Professor Russell Beale – +44 (0)121 415 8742;  
msc-admissions@cs.bham.ac.uk

### Multidisciplinary Optimisation MSc

*(Taught jointly with Mathematics)*

The MSc in Multidisciplinary Optimisation is a one-year full-time degree for students who would like to receive practical, technical and theoretical training in advanced aspects of optimisation. Optimisation problems arise in all aspects of mathematics, science and engineering. However, the technical and theoretical skills required are often outside the scope of a traditional single discipline based degree. This programme is targeted at strong mathematics, science or engineering graduates who wish to gain valuable skills and techniques in this area, which will be a considerable asset to their further study or employability.

Contact: Dr Shan He – +44 (0)121 415 8742;  
msc-admissions@cs.bham.ac.uk



### Robotics MSc

The MSc in Robotics is a one-year full-time degree for graduates of numerate disciplines allied to robotics, including electronic engineering, computer science, mechanical engineering, physics and mathematics. Students will learn the theory and practice of robotic control, artificial intelligence for robotics, robot vision, robot manipulation, and software frameworks for mobile robots and robot manipulators. Graduates of the programme will either work in industry or pursue a research degree in robotics. Entrants to the programme should have a good level of mathematical ability in probability theory, linear algebra, and mathematical analysis.

Contact: Dr Michael Mistry – +44 (0)121 415 8742;  
msc-admissions@cs.bham.ac.uk

## Research programmes

### Natural Computation MRes

The MRes in Natural Computation is a one-year full-time degree for students who have found their undergraduate study stimulating and want to learn in-depth about this emerging interdisciplinary field. This programme is designed for students wishing to undertake a challenging research-oriented Masters degree.

Contact: Dr Shan He – +44 (0)121 415 8742;  
msc-admissions@cs.bham.ac.uk

### Computer Science PhD

For detailed information about each of our research themes please visit: [www.cs.bham.ac.uk/postgraduate-research](http://www.cs.bham.ac.uk/postgraduate-research)

Research areas include:

#### Artificial intelligence

Sub-themes:

- Reasoning and cognition
- Robotics
- Natural language processing
- Machine Learning
- Scientific Document Analysis



# School of Computer Science

## Nature-inspired computation

Sub-themes:

- Natural computation
- Image interpretation

## Computing and systems

Sub-themes:

- Computer Security
- Formal Verification
- Parallel and Distributed Computing
- Software Engineering
- Human-computer interaction
- Modelling and analysis of systems

## Theoretical computer science

Sub-themes:

- Principles of programming
- Mathematical foundations of computer science

Contact: Dr Martin Escardo –

+44 (0)121 414 5005; [compsci-phd@contacts.bham.ac.uk](mailto:compsci-phd@contacts.bham.ac.uk)

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at: [www.birmingham.ac.uk/drps](http://www.birmingham.ac.uk/drps)

'Our MSc in Robotics is designed to train people with a background in engineering or a physical science to be robot programmers and robot designers, with the opportunity to undertake a project attached to an industrial partner, offering real-world experience.'

**Jeremy Wyatt**, *Professor of Robotics and Artificial Intelligence, School of Computer Science.*



**LEARN MORE** [www.birmingham.ac.uk/pgprofiles](http://www.birmingham.ac.uk/pgprofiles)



# School of Electronic, Electrical and Computer Engineering

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Communications Engineering and Networks MSc	2:2 (Hons) in Electrical Engineering, Electronic Engineering, Computing or Physics	£5,940 FT £2,970 PT	£17,335 FT only	1 year FT 3–4 years PT	22/09/14
Communications Engineering and Networks with Industrial Studies MSc	2:1 (Hons) in Electrical Engineering, Electronic Engineering, Computing or Physics	£7,180 FT £7,180 PT (whole course)	£21,405 FT only	18 months FT 3–4 years PT	22/09/14
Digital Entrepreneurship MSc	2:2 (Hons) in a relevant subject	£5,940 FT £2,970 PT	£17,355 FT only	1 year FT 3–4 years PT	22/09/14
Electrical Power Systems MSc	2:2 (Hons) in Electrical Engineering, Electronic Engineering or Physics	£7,020 FT £3,510 PT	£17,355 FT only	1 year FT 3–4 years PT	22/09/14
Electrical Transportation Systems and Infrastructure MSc/PGDip/PGCert <i>(subject to approval)</i>	Contact the School for the latest information	Contact the School for the latest information	Contact the School for the latest information	Contact the School for the latest information	Contact the School for the latest information
Electromagnetic Sensor Networks MSc	2:2 (Hons) in Electrical Engineering, Electronic Engineering or Physics	£5,940 FT £2,970 PT	£17,355 FT only	1 year FT 3–4 years PT	22/09/14
Electromagnetic Sensor Networks with Industrial Studies MSc	2:1 (Hons) in Computing, Electrical Engineering or Electronic Engineering	£7,180 FT only	£21,405 FT only	18 months FT	22/09/14
Electronic and Computer Engineering MSc	2:2 (Hons) in Electrical Engineering, Electronic Engineering, Computing or Physics	£5,940 FT £2,970 PT	£17,355 FT only	1 year FT 3–4 years PT	22/09/14
Electronic and Computer Engineering with Industrial Studies MSc	2:2 (Hons) in Electrical Engineering, Electronic Engineering, Computing or Physics	£7,180 FT £7,180 PT (whole course)	£21,405 FT only	18 months FT 3–4 years PT	22/09/14
Embedded Systems MSc	2:2 (Hons) in Electrical Engineering, Electronic Engineering, Computing or Physics	£5,940 FT £2,970 PT	£17,355 FT only	1 year FT 3–4 years PT	22/09/14
Embedded Systems with Industrial Studies MSc	2:1 (Hons) in Electrical Engineering, Electronic Engineering, Computing or Physics	£7,180 FT £7,180 PT (whole course)	£21,405 FT only	18 months FT 3–4 years PT	22/09/14
Radio Frequency and Microwave Engineering MSc	2:2 (Hons) in Electrical Engineering, Electronic Engineering or Physics	£5,940 FT £2,970 PT	£17,355 FT only	1 year FT 3–4 years PT	22/09/14
Radio Frequency and Microwave Engineering with Industrial Studies MSc	2:1 (Hons) in Electrical Engineering, Electronic Engineering or Physics	£7,180 FT only	£21,405 FT only	18 months FT	22/09/14
RESEARCH					
Electronic, Electrical and Computer Engineering MRes	2:1 (Hons) in a relevant subject, or a lower degree plus an MSc or substantial relevant industrial experience	£3,950 FT £1,975 PT	£16,230 FT only	1 year FT 2 years PT	22/09/14
Electronic, Electrical and Computer Engineering PhD/MSc by Research	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£16,230 FT only	PhD: 3 years FT 6 years PT MSc by Research: 1 year FT 2 years PT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014–15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

# School of Electronic, Electrical and Computer Engineering

Our research and teaching stretches from materials, devices and systems – with close links with physics – through the generation, transmission and distribution of electrical energy, the railway network, communications and applied computing, to activities in serious games and human interaction technologies, which border on applied psychology. With 30 academic staff and nearly 40 support staff, it's likely that we will be active in whichever aspect of Electrical and Computer Engineering is of interest to you. Our turnover on research is around £3 million per year, which comes from a variety of sources including UK government and industry as well as the EU. We are keen to welcome new students who have ability, enthusiasm and commitment.

Over 25 years, the Institution of Engineering and Technology (IET) has recognised our taught programmes as the first steps towards professional chartered engineer status, and accreditation of our courses was confirmed by the IET in 2008. In the 2008 Research Assessment Exercise, 85% of our research was judged to be of international standing while 60% was internationally leading. Our aim is to maintain and improve on this high quality in all aspects of our work.

## Facilities and resources

The School of Electronic, Electrical and Computer Engineering has extensive computing facilities with over 150 PCs in our clusters. These PCs run the latest version of Windows that will support the extensive range of applications software available. Selected computers will also run Linux. The computer systems available are of a high specification and are regularly upgraded. The installed software includes, among other items: word processing, spreadsheet, database and web page design software. There is a wide range of technical software provided for project and assignment work. This includes CAD systems for circuit simulation, programming FPGAs, PCB design, system simulation, software design and programming. There is support for microcontroller and DSP (Analog Devices Blackfin 581™) programming, RF circuit and antenna design, for the creation of virtual environments, spoken language and computer vision.

We are members of the Microsoft DreamsPark Premium scheme. This means that we can make the latest versions of Microsoft development tools, project management and tools and operating systems available to students, at minimal cost.

The specialist equipment available to students for project work, through research groups includes RF spectrum analysers, RF signal generators, RF and Audio anechoic chambers, digital analysers, advanced FPGA development systems, active vision systems, an optics laboratory and audio recording booth. The well-stocked central University Library is also nearby. Students have online access to the University Library, to IET, IEEE and many other leading academic journals.

## Postgraduate study

Our postgraduates work in research groups within research centres. Each research group provides challenge, support, good supervision and outstanding facilities. Strong collaboration with industry ensures research projects are industrially relevant, preparing PhD graduates for high-ranking positions in their chosen career.

We offer research for MSc by Research, MRes and PhD degrees in the mainstream areas of communications, control engineering, power, solid-state devices, digital systems, human-centred technology and human interface technologies, and also in specialist areas such as acoustics and sonar, speech and image processing, microwave circuits, materials and high-critical temperature superconductivity. You can also advance your knowledge by studying for an MSc degree in areas related to our research interests. The MSc programmes can be studied full or part time. The modules of each degree programme are organised around a series of lectures with a period of enquiry-based learning. Our taught Masters programmes are particularly suitable for part-time study by practising engineers. They provide excellent education and training, and can improve your capabilities and career prospects.



## Course finder [Apply online](#) (see pages 24–25)

### Scholarships and studentships

Research studentships and fee scholarships are available to excellent applicants, reflecting the vital contribution that postgraduates make to the high-quality research activity of the School. For further details visit:

[www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

Learn more

[www.eece.bham.ac.uk](http://www.eece.bham.ac.uk)

### Taught programmes

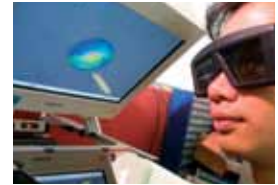
The initial contact for all MSc programmes is: Mrs S McCauley  
– +44 (0)121 414 4319; [s.m.mccauley@bham.ac.uk](mailto:s.m.mccauley@bham.ac.uk)

#### Communications Engineering and Networks MSc Communications Engineering and Networks with Industrial Studies MSc

These programmes provide the knowledge and skills needed to play a leading part in the future development of communications engineering and communications networks with companies in mature and rapidly growing economies. You will have the opportunity to study topics such as: principles for communications; mobile and optical fibre communications; computer and communications networks; and small embedded systems.

#### Digital Entrepreneurship MSc

You will gain the knowledge to design novel digital technology and understand how to set up enterprises to commercially exploit these designs. You will develop a systematic knowledge and understanding of topics selected from areas such as human–computer interaction, socio-economic impacts of technology, and risk in software development. The programme provides an excellent starting point for further research or for employment with innovative technology companies. A key element of the programme is an individual project that provides you with an opportunity to pitch your concept to potential investors.



#### Electrical Power Systems MSc

The 3rd energy industry revolution is taking place where the key is the development of electrical power systems in the contexts of smart grids. Electrical power systems are playing a pivotal role in the development of a sustainable energy supply, enabling renewable energy generation. Globally there is a big shortage of skilled engineers for designing, operating, controlling and the economic analysis of future electricity networks – smart grids.

This programme will give you the timely skills and specialist knowledge required to significantly enhance your career prospects in the electrical power industry. It will develop your power engineering skills through expert teaching and extensive research work undertaken in collaboration with power industry partners. Some modules will be taught by leading industry experts, offering exciting opportunities to understand the real challenges that the power industry is facing and will work with you to develop and provide innovative solutions. In addition, students working on relevant MSc projects may have the opportunity to work with leading industry experts directly.

#### Electrical Transportation Systems and Infrastructure

MSc/PGDip/PGCert

(*subject to approval*)

This Masters programme will develop your knowledge and skills in practical electrical engineering aspects of transportation systems, with a particular focus on automotive and rail vehicles, and on power system infrastructure. Graduates of this programme will have a clear understanding of what is needed to design, build and operate these electrical transport systems and will be in demand by organisations world-wide in vehicle design, development and manufacture, and in the infrastructure to support electric transportation systems. The course is provided jointly by the Universities of Birmingham and Nottingham, bringing together expertise from both institutions and enabling students to access excellence from two research-intensive universities. Students will choose whether to base their studies in Birmingham or Nottingham: this choice will then inform the supervision of the research project which takes place during the summer period. The Autumn term is taught at Birmingham and the Spring term in Nottingham; the timetable will give the

# School of Electronic, Electrical and Computer Engineering

flexibility needed for part-time learning or for single modules to be studied as Continuing Professional Development.

Contact: Dr Stuart Hillmansen – +44 (0)121 414 4289;  
s.hillmansen@bham.ac.uk

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## **Electromagnetic Sensor Networks** MSc

### **Electromagnetic Sensor Networks with Industrial Studies** MSc

Electromagnetic sensor networks include radar systems and other electromagnetic sensors. The use of radar is becoming ever more prevalent in connection with vehicles and surveillance to create a safer world for all and a basis for economic growth with the creation of new markets. The topics studied include communications engineering, electromagnetics and antennas and radio frequency sensor systems with options in embedded systems. The modules are taught by staff at the forefront of research in these fields.

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## **Electronic and Computer Engineering** MSc

### **Electronic and Computer Engineering with Industrial Studies** MSc

These programmes provide an opportunity to create a personalised study package covering modules in communications engineering, digital electronics, spoken language processing and image interpretation, which will prepare you to play a leading role in research and development for almost any part of the electronics industry. In particular you are free to combine selected aspects of communications engineering with electronics design and speech and image analysis and interpretation.

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## **Embedded Systems** MSc

### **Embedded Systems with Industrial Studies** MSc

These programmes are designed to give you the knowledge and skills needed to play a leading part in the research and development of the electronic systems vital to the growth of global economies: these systems proliferate where digital electronics, communications, computing and power systems are integrated. You will learn about the design of small scale embedded systems, digital signal processing, and a selection of topics from communications engineering, spoken language processing and image interpretation.

## **Radio Frequency and Microwave Engineering** MSc

### **Radio Frequency and Microwave Engineering with Industrial Studies** MSc

These programmes provide the knowledge and skills needed by innovative technology companies and a starting point for a career in research in radio frequency, microwave and millimetre wave engineering. You will study modules that reinforce the fundamentals of communications engineering and advanced modules in principles of communications, electromagnetics, antennas and propagation; satellite, cellular and optical fibre communications, and radio frequency sensors and systems. The programme is taught by staff who are at the forefront of research in passive and active microwave circuits, micromechanical electromagnetic systems, antennas, and propagation studies.

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## **MSc programmes with Industrial Studies**

In addition to the modules taken as part of a standard MSc degree, these programmes include an industrial placement module. Following the summer placement, you return to the University to begin an individual project. The placement provides an opportunity for students to develop ideas for the individual project, in topics related to the interests of the host company.

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## **Research programmes**

### **Electronic, Electrical and Computer Engineering** MRes

A one-year programme primarily intended for candidates who wish to pursue a career in research; provides training in research skills appropriate for both industrial and academic careers. One-third of your time is spent on coursework and professional and research skills, with the remaining time devoted to a research project.

Contact: Professor Michael Lancaster, Programme Director – +44 (0)121 414 4317; m.j.lancaster@bham.ac.uk

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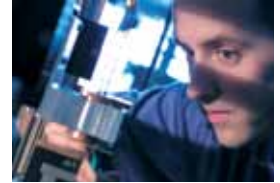
### **Electronic, Electrical and Computing Engineering**

PhD/MSc by Research

Completion of a PhD in Electronic, Electrical and Computer Engineering involves undertaking an extensive period of advanced research under the supervision and guidance



## Course finder [Apply online](#) (see pages 24–25)



of an experienced member of the School's academic staff. To be awarded a PhD you must complete an original work of merit in the form of a 50,000-word thesis.

Research groups include:

- Biomedical Informatics
- Communications Engineering
- Electrical Power and Energy
- Emerging Device Technology
- Human Interface Technologies
- Magnetic Resonance Imaging and Spectroscopy

- Microwave Integrated Systems Lab
- Multimodal Interaction Technologies
- Railway Systems

Contact: Postgraduate Secretary –  
+44 (0)121 414 4292; [eeepostgrad@bham.ac.uk](mailto:eeepostgrad@bham.ac.uk)

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
[www.birmingham.ac.uk/drps](http://www.birmingham.ac.uk/drps)

'We use virtual environments to provide therapy for patients recovering from traumatic incidents. I am developing a virtual scenario based on Wembury in the West Country, using gaming technologies. We've conducted experiments on military and civilian patients to test the therapy using smells and sounds as well.'

**Cheng Qian**, PhD, School of Electronic, Electrical and Computer Engineering.



**LEARN MORE** [www.birmingham.ac.uk/pgprofiles](http://www.birmingham.ac.uk/pgprofiles)

# School of Mathematics

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Pre-Masters Certificate in Mathematics CertHE	2:1 (Hons) in Mathematics or a Mathematics-related subject or a general BSc with a substantial Mathematics element	£9,000 FT only	£13,665 FT only	1 year FT	29/09/14
Financial Engineering MSc	2:1 (Hons) in Mathematics or a programme with an advanced Mathematical component	£5,940 FT only	£13,665 FT only	1 year FT	29/09/14
Mathematics, Operational Research, Statistics and Econometrics (MORSE) MSc	2:1 (Hons) in Mathematics, Statistics, Industrial Engineering or a programme with an advanced Mathematical component	£5,940 FT only	£13,665 FT only	1 year FT	29/09/14
Mathematical Finance MSc	2:1 (Hons) in Mathematics or a related subject (eg, Physics or Engineering) or an appropriate Joint Honours degree	£15,525 FT £7,763 PT	£15,525 FT only	1 year FT 2 years PT	29/09/14
Mathematical Modelling MSc	2:1 (Hons) in Mathematics or a programme with an advanced Mathematical component	£5,940 FT only	£13,665 FT only	1 year FT	29/09/14
Multidisciplinary Optimisation MSc	2:1 (Hons) in a science or engineering subject with sufficiently high marks in Fundamental Mathematics and Computing	£5,940 FT only	£17,355 FT only	1 year FT	29/09/14
RESEARCH					
Applied Mathematics MRes	2:1 (Hons) in a Mathematics-related subject	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
Management Mathematics MRes	2:1 (Hons) in a Mathematics-related subject	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
Pure Mathematics MRes	2:1 (Hons) in a Mathematics-related subject	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
Statistics MRes	2:1 (Hons) in a Mathematics-related subject	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	29/09/14
Applied Mathematics PhD	2:1 (Hons) in a Mathematics-related subject, or a lower degree plus an MSc or substantial relevant experience	£3,950 FT £1,975 PT	£12,565 FT only	3 years FT 6 years PT	Negotiable
Management Mathematics PhD	2:1 (Hons) in a Mathematics-related subject, or a lower degree plus an MSc or substantial relevant experience	£3,950 FT £1,975 PT	£12,565 FT only	3 years FT 6 years PT	Negotiable
Pure Mathematics PhD	2:1 (Hons) in a Mathematics-related subject, or a lower degree plus an MSc or substantial relevant experience	£3,950 FT £1,975 PT	£12,565 FT only	3 years FT 6 years PT	Negotiable
Statistics PhD	2:1 (Hons) in a Mathematics-related subject, or a lower degree plus an MSc or substantial relevant experience	£3,950 FT £1,975 PT	£12,565 FT only	3 years FT 6 years PT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014-15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.





## Course finder [Apply online](#) (see pages 24–25)



The School of Mathematics has around 50 academic staff, 15 research staff, approximately 60 research students, and other staff providing computing and secretarial support. The School has a strong research culture, with many researchers of international stature in each of our main specialisms.

### Facilities and resources

Our research students are provided with pleasant office space in the Mathematics Building and our students each have a computer on their desk. The University's Library Services Department supports most of the major mathematical and statistical packages, and administers a range of workstations and PCs within the School. We also have access to a supercomputer. The School of Mathematics is a founding member of MAGIC, the 'Mathematics Access Grid: Instruction and Collaboration'. This is an interactive video conferencing resource, which is used to present lectures to postgraduate students across the whole of England. Our postgraduate lectures are broadcast to over 15 English universities and our students use the equipment to collaborate with students and academics in other universities. This means that postgraduate students in Birmingham have access to advanced Mathematics lecturers not available on the University of Birmingham campus.

### Postgraduate study

The School of Mathematics has a talented postgraduate community of over 60 researchers including students from the UK, EU and overseas. Postgraduate students have a postgraduate society called BUMPS. Visit their website at: [web.mat.bham.ac.uk/pgweb/index.php](http://web.mat.bham.ac.uk/pgweb/index.php)

The School is keen to attract further well-motivated and able research students, and invites applications. Wherever possible we encourage applicants to visit the School, to meet our staff and postgraduate students, and to find out more about research student life at Birmingham. There are opportunities for postgraduate research at PhD, MRes and MSc levels. Training for the PhD and MRes is provided through individual supervision of research, by advanced seminar courses and conferences,

and by generic courses. The PhD degree involves a qualifying dissertation submitted during the second year of study. We expect students to give seminars, attend conferences and present papers, preparing them for professional life. The MSc programmes in Financial Engineering, MORSE and Mathematical Modelling are 12-month programmes which involve a substantial taught element and a dissertation. Prospective applicants who would like to discuss particular research projects are welcome to contact staff members associated with each of the main research areas. All enquiries about admissions should be made to the Graduate School Admissions Office. Applications can be made online: [www.mat.bham.ac.uk/graduateschool](http://www.mat.bham.ac.uk/graduateschool)  
Contact: Mrs Janette Lowe – +44 (0)121 414 6193;  
[pgoffice@maths.bham.ac.uk](mailto:pgoffice@maths.bham.ac.uk)

### Scholarships and studentships

A variety of scholarships are available. Please see page 20 for details or consult the University's postgraduate funding database: [www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

Learn more

[www.mat.bham.ac.uk](http://www.mat.bham.ac.uk)

## Taught programmes

### Pre-Masters Certificate in Mathematics CertHE

This programme aims to provide an opportunity for graduates in any programme with a substantial mathematics element to fill in the gaps in their mathematical background and thus enable them to study an MSc or MRes programme, either organised by the School of Mathematics or by another school with a contribution from the School of Mathematics. Based on the individual assessments of candidates, a bespoke programme will be compiled for them from the list of optional modules. Further information can be found on the School of Mathematics website.

Contact: Dr Rosemary Dyson – +44 (0)121 414 3415;  
[r.j.dyson@bham.ac.uk](mailto:r.j.dyson@bham.ac.uk)

# School of Mathematics

## Financial Engineering MSc

Financial engineering is a multidisciplinary field that involves the application of computational engineering, software engineering, and computer programming skills, as well as the underlying mathematical and statistical theory to the analysis and management of financial opportunities. The programme is for strong (1st, 2:1 or equivalent) graduates from programmes in mathematics, or programmes with advanced mathematical components, and who wish to pursue a career in quantitative analysis in economic or financial sectors with state-of-art mathematical methods, computational skills and programming expertise.

Contact: Dr Hui Li – +44 (0)121 414 3741;

h.li.4@bham.ac.uk

## Mathematics, Operational Research, Statistics and Econometrics (MORSE) MSc

This postgraduate degree is an ideal preparation for a career in economics, medicine, finance, insurance and industrial management. In the United Kingdom, there is a shortage of personnel who are highly qualified in statistics and operational research. This shortage is predicted to become critical in the future. To be accepted onto this programme a high standard in a mathematically based undergraduate degree must have been achieved, equivalent to a UK upper second- or first-class degree.

Contact: Dr Biman Chakraborty – +44 (0)121 414 6460;

b.chakraborty@bham.ac.uk

## Mathematical Finance MSc

*Taught jointly with and run by Economics – see page 228*

This programme provides skills enabling technically able graduates (including in mathematics, science and engineering) to apply quantitative training to financial analysis. You take a number of compulsory courses, optional courses, and write a dissertation.

We expect graduates from this Masters to take positions in quantitative analysis (or similar) in major financial institutions, or to go on to postgraduate research. To apply, you need a good first degree in Economics or a related discipline.

Contact: The Postgraduate Administrator

Department of Economics – +44 (0)121 414 6650;

e.p.steadman@bham.ac.uk

## Mathematical Modelling MSc

There is an urgent need in both academic research and industry for scientists trained to work at the interdisciplinary frontiers of mathematics with real-world applications spanning from medicine to industry to the financial sector. These scientists require both mathematical skills alongside interdisciplinary interpretation and communication capabilities. This is an innovative one-year Masters-level course designed to develop your mathematical abilities while enhancing these transferable skills. The programme is for graduates with an enthusiasm for interdisciplinary research at the interfaces of mathematics and computation. Formally students should have a good degree from a university programme in mathematics, or programmes with advanced mathematical components, including physics and many engineering subjects.

Contact: Dr Rosemary Dyson – +44 (0)121 414 3415;

r.j.dyson@bham.ac.uk

## Multidisciplinary Optimisation MSc

*Taught jointly with and run by Computer Science – see page 133*

This one-year programme offers two routes of study depending upon the experience and knowledge of the student.

- Route 1: A 'conversion' Masters, for graduates new to computing
- Route 2: A consecutive Masters for graduates with some prior experience of computing and object-oriented programming

Both routes provide a technical degree with much programming, designed to give you a grounding in both the fundamentals of computer science, practical software development skills and choice of in-depth modules for both Route 1 and Route 2 students. The final four months are spent on an individual project of your choice.

Contact: Dr Jim Yandle – +44 (0)121 415 8742;

msc-admissions@cs.bham.ac.uk



Course finder **Apply online** (see pages 24–25)



‘What I experienced in coming to Birmingham for my PhD studies was far and away above all my expectations: it was simply a fantastic atmosphere to live and do research! I joined the internal seminars run by the School, attended talks and soon gave my own talks, exposing my ideas to experts in my field.’

*Kyriakos Papadopoulos, PhD, School of Mathematics*

## Research programmes

### Applied Mathematics MRes

### Management Mathematics MRes

### Pure Mathematics MRes

### Statistics MRes

These degrees give comprehensive training in mathematics and areas appropriate to professional development and research foundations. To be accepted onto these programmes a high standard in a mathematically based undergraduate degree must have been achieved, equivalent to a UK upper second- or first-class BSc degree. These courses are approximately one-third coursework and two-thirds dissertation.

Contact: Mrs Janette Lowe – +44 (0)121 414 6193;  
pgoffice@maths.bham.ac.uk

### Applied Mathematics PhD

This group has an international reputation for its research work on topics in fluid mechanics, applied analysis, mathematical biology, financial mathematics, nonlinear waves and scientific computing.

Contact: Mrs Janette Lowe – +44 (0)121 414 6193;  
pgoffice@maths.bham.ac.uk

### Management Mathematics PhD

This internationally leading group of researchers focuses on mathematical theory and methods applicable to managerial decision making, particularly non-linear, discrete and multi-criteria optimisation.

Contact: Mrs Janette Lowe – +44 (0)121 414 6193;  
pgoffice@maths.bham.ac.uk

### Pure Mathematics PhD

The Pure Mathematics group is made up of world-leading mathematicians working in algebra, analysis, logic and combinatorics.

Contact: Professor Sergey Shpectorov –  
+44 (0)121 414 6604; s.shpectorov@bham.ac.uk

### Statistics PhD

This growing group in the department mainly focuses on research into nonparametric, time series and robust methods and medical statistics.

Contact: Mrs Janette Lowe – +44 (0)121 414 6193;  
pgoffice@maths.bham.ac.uk

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
**[www.birmingham.ac.uk/drpf](http://www.birmingham.ac.uk/drpf)**

# School of Mechanical Engineering

FT Full-time  
PT Part-time  
DL Distance Learning

Programmas	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Advanced Mechanical Engineering MSc	2:2 (Hons) in Mechanical Engineering	£5,940 FT £2,970 PT	£17,355 FT only	1 year FT 2 years PT	29/09/14
Engineering Management MSc	2:1 (Hons) in an engineering subject	£5,940 FT £2,970 PT	£17,355 FT only	1 year FT 2 years PT	29/09/14
Operations Management MSc	2:1 (Hons) in a relevant subject (eg, Engineering, Mathematics, Statistics, Computer Science or Information Systems)	£5,940 FT £2,970 PT	£17,355 FT only	1 year FT 2 years PT	29/09/14
Project Management MSc	2:1 (Hons) in a relevant subject (eg, Engineering, Mathematics, Statistics, Computer Science or Information Systems)	£5,940 FT £2,970 PT	£17,355 FT only	1 year FT 2 years PT	29/09/14
RESEARCH					
Mechanical Engineering PhD/MSc by Research	2:1 (Hons) in a relevant subject, or an alternative qualification and/or relevant experience	£3,950 FT £1,975 PT	£16,230 FT only	PhD: 3 years FT, 6 years PT MSc by Research: 1 year FT 2 years PT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014-15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

We apply engineering science to solving problems that are important to industry and society, and pride ourselves on our active role in passing this expertise to future generations of mechanical engineers. Our teaching and research cover new technologies, such as micro-engineering, novel combustion and fuel technologies, conventional mechanical and manufacturing engineering, and new applications such as medical implants. Our research is often interdisciplinary, involving not only other areas of engineering but also biological sciences, chemistry, medicine, physics and psychology.

In the 2008 UK Research Assessment Exercise, 70% of our research was judged to be world leading or internationally excellent.

## Facilities and resources

We occupy 7,000 square metres in a recently refurbished building shared with Civil Engineering. Our Design Centre houses over 80 networked computers for computer-aided engineering including computer-aided design (CAD), computer-aided manufacture (CAM), finite-element analysis (FEA), computational fluid dynamics (CFD) and systems modelling (engine systems; 1-d gas dynamic). There are also facilities for group design work, two RP3D printing

machines complementing the existing Denford table top four axis Compact 1000 Pro CNC router and milling machines.

Our £2.5 million machining research equipment is housed in a single purpose-built laboratory, enabling us to complete research contracts with industrial partners involving aeroengine manufacture, new materials evaluation (including titaniums and carbon fibre composites) and micro-sensor development for a whole range of applications.

Our new engines laboratories are being used to research engines for hybrid vehicle power-trains in highly realistic transient speed/load conditions, including the effects of very cold start and combustion air (from -20°C) on emissions and performance.

We also have a biomedical engineering laboratory within a Class 2 containment area, equipped with the latest electro-mechanical testing machines for evaluating surgical implants, enabling us to work with surgeons and with the healthcare industry. Our clean room houses nanotechnology equipment used to make micro-electro-mechanical systems (MEMS).



## Course finder [Apply online](#) (see pages 24–25)



### Postgraduate study

If you want to do a research degree, you will work in one of our research centres: Advanced Manufacturing Centre; Biomedical and Microengineering; and Vehicle Technology. Most projects involve applying engineering principles to real problems and often involve collaboration with industry. You will have a supervisor with expertise in the area of your chosen project and some projects may involve the expertise of academic staff from more than one centre.

### Scholarships and studentships

Currently we provide support for five or six UK/EU research students a year from a variety of sources, together with part-funding for two to three highly qualified overseas research students. Other sources of funding are the Engineering and Physical Sciences Research Council (EPSRC), the Biotechnology and Biological Sciences Research Council (BBSRC), the Knowledge Transfer Partnership (KTP), the European Union and industrial funding for UK and EU students. International students can often gain funding through overseas research scholarships, Commonwealth scholarships or their home government.

For further information please consult the University's postgraduate funding database:

[www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

Learn more

[www.eng.bham.ac.uk/mechanical](http://www.eng.bham.ac.uk/mechanical)

## Taught programmes

*Our Engineering and Management programmes may change as we review our MSc provision. Before making an application, we suggest that you contact the School directly for the most up-to-date information.*

Contact the Postgraduate Office – +44 (0)121 414 4233;  
[mech-postgrad@bham.ac.uk](mailto:mech-postgrad@bham.ac.uk)

### Advanced Mechanical Engineering MSc

This innovative, broad-based programme covers an important and industrially relevant portfolio of mechanical engineering modules, covering areas such as advanced mechanics, advanced manufacturing technology, micro electro mechanical systems, vehicle technology including combustion, automation and robotics, and computational geometry. It is aimed at graduates with at least a lower second-class Honours degree in mechanical engineering or related subjects, offering excellent career prospects in a broad field of mechanical engineering-related industries or preparation for those wishing to undertake a PhD.

### Engineering Management MSc

This degree is aimed at holders of at least an upper second-class Honours degree in engineering or similar who would benefit from completing technically based study with some management at postgraduate level. You will learn about systems modelling and systems engineering, as well as the application of problem structuring methods in real engineering situations. You will also learn how to analyse different management strategies and apply critical appraisal techniques in a variety of technical areas, eg, construction, production, manufacturing. On completion, you will have gained the skills and knowledge required to work in industrial engineering and/or technical management.

### Operations Management MSc

This degree is aimed at holders of at least an upper second-class Honours degree in engineering or similar interested in studying the management and control of operations from a technical standpoint. You will learn to how to analyse various systems, practices and procedures employed in the management of operations, design such systems from new, evaluate and report on their effectiveness and appropriateness and assess real organisations from a practical operations management perspective. On completion, you will be skilled to work in positions in factory, logistics or general management within the industrial, commercial or service sectors.

# School of Mechanical Engineering

## Project Management MSc

This degree is aimed at graduates with at least an upper second-class Honours degree in any engineering discipline or similar aspiring to manage projects throughout industry, commerce and the service sector. You will focus specifically on the management of large-scale projects, learning to analyse and assess various strategies and to plan and implement change. On completion you will have learnt about managerial and quantitative techniques, as well as the technical aspects of engineering projects.

## Research programmes

### Mechanical Engineering PhD/MSc by Research

Completion of a Mechanical Engineering PhD consists of undertaking an extensive period of advanced research under the supervision and guidance of one or more experienced members of academic staff. To be awarded a PhD you must complete an original work of merit in the form of a 50,000-word thesis.

Research areas include:

- Advanced Manufacturing Centre
- Biomedical and Microengineering
- Vehicle technology

Contact: Dr Raya Al-Dadah – +44 (0)121 414 3513;  
r.k.al-dadah@bham.ac.uk

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
**[www.birmingham.ac.uk/drp](http://www.birmingham.ac.uk/drp)**

'The facilities in the School enabled my research in the relevant automotive fields, such as alternative fuels and advanced combustion processes, the development of efficient after-treatment systems as well as the use and production of on-board hydrogen in engines. Having Jaguar's support and sponsorship for my research has given me a real taste of a car manufacturer's research and of the expectations of manufacturing companies. This gives a real industrial orientation to my work which will help my future career.'

*Isaline Lefort, PhD, School of Mechanical Engineering*

'I found my Masters degree the perfect stepping stone into industry and I got to hone the all-important skills before going for interviews. The depth and breadth we covered was so much more intellectually rewarding and enriching than anything I'd done before.'

*Tom Martin, MSc graduate, School of Mechanical Engineering*



# School of Metallurgy and Materials

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
RESEARCH					
Biomaterials MRes	2:1 (Hons) in a science, health science or engineering subject	£3,950 FT £1,975 PT	£16,230 FT only	1 year FT 2 years PT	Negotiable
Materials for Sustainable Energy Technologies MRes	2:1 (Hons) in a materials science or engineering subject	£3,950 FT £1,975 PT	£16,230 FT only	1 year FT 2 years PT	Negotiable
Science and Engineering of Materials MRes	2:1 (Hons) in a physical science or engineering subject	£3,950 FT £1,975 PT	£16,230 FT only	1 year FT 2 years PT	Negotiable
Engineered Materials for High Performance Applications in Aerospace and Related Technologies EngD	2:1 (Hons) in a materials science or engineering subject	£3,950 FT only	£16,230 FT only	4 years FT	Negotiable
Metallurgy and Materials PhD/MPhil/MSc by Research	2:1 (Hons) in a materials science, chemistry, physics or engineering subject. 2:2 (Hons) will be considered for the Masters degrees.	£3,950 FT £1,975 PT	£16,230 FT only	PhD: 3 years FT 6 years PT MPhil: 2 years FT 4 years PT MSc by Research: 1 year FT 2 years PT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014–15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

The School of Metallurgy and Materials (including the IRC in Materials Processing) is the largest centre for materials research in the UK. We have more than 25 full-time academic staff in addition to 40 honorary and up to 15 visiting staff at any one time, 50 research fellows and close to 150 postgraduate students.

Our diverse research portfolio ranges from fundamental aspects of materials science to practical high performance engineering applications. Research is funded from a wide range of sources including the UK research councils, the EU and a cross-section of UK and overseas industry. Our research income is around £4 million per annum. Most of our research projects involve active collaboration with industrial partners.

## Facilities and resources

We have first-class workshop facilities and a large suite of networked PCs, housed in a computing laboratory, which supplements the extensive computer facilities in individual research groups. Workstations and word processing facilities are widely available for our students.

We have an excellent range of research facilities for materials preparation and surface engineering. There are polymer-processing laboratories and the IRC possesses a large plasma-melting furnace, HIP equipment, direct laser fabrication, a shell laboratory and wax-dewaxing facility for investment casting, a laboratory for the hydrothermal synthesis and colloidal processing of ceramics, and the £8 million Net Shape Manufacturing Laboratory.

The physical techniques laboratory contains a wide range of equipment. The world-class mechanical testing laboratories provide facilities for fracture and fatigue studies and are accredited by Rolls-Royce for the acquisition and interpretation of data. Our creep-testing laboratory provides specialised mechanical testing for polymers and foams, and X-ray diffraction facilities provide essential back-up to crystal growth and alloy preparation. Microstructural assessment is provided for with optical microscopes and quantitative image analysis, and an extensive range of electron microscopes. The new hydrogen technology laboratory contains equipment to characterise the properties of materials in hydrogen, and we have good facilities for the fabrication and characterisation of optical fibre sensors.

# School of Metallurgy and Materials

## Postgraduate study

The quality of the research work in Metallurgy and Materials has been confirmed by our performance in successive Research Assessment Exercises. We are justly proud of this international reputation and are keen to maintain it by encouraging high-quality students from materials, physics, chemistry, life sciences or engineering backgrounds to apply to undertake research with us.

We offer research at PhD and Masters levels, a combined research and taught EngD doctoral training programme, and several MRes programmes for candidates with a good Honours degree in specified subjects.

## Scholarships and studentships

A variety of scholarships are available. Please see page 20 for details or consult the University's postgraduate funding database: [www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

The School is currently developing a new taught programme, MSc Materials Science and Engineering, for 2014 – please see online for details.

## Learn more

[www.birmingham.ac.uk/schools/metallurgy-materials](http://www.birmingham.ac.uk/schools/metallurgy-materials)

## Research programmes

### Biomaterials MRes

Open to those with an upper second-class Honours degree in science, health science or engineering, this programme can be taken on a full- or part-time basis. It contains one major research project in Biomaterials, based either in the University or in industry, plus six taught modules.

#### Contacts:

Jenny Henderson – +44 (0)121 414 5222;

[j.henderson@bham.ac.uk](mailto:j.henderson@bham.ac.uk)

Dr Artemis Stamboulis – +44 (0)121 414 5216;

[a.stamboulis@bham.ac.uk](mailto:a.stamboulis@bham.ac.uk)

### Materials for Sustainable Energy Technologies MRes

An EPSRC-sponsored programme that can be taken on a full- or part-time basis. There is one major research project in Materials for Sustainable Energy Technologies, based either in the University or in industry, plus six taught modules.

Contact: Jenny Henderson – +44 (0)121 414 5222;

[j.henderson@bham.ac.uk](mailto:j.henderson@bham.ac.uk)

### Science and Engineering of Materials MRes

An EPSRC-sponsored programme that can be taken on a full- or part-time basis. A major research project based either in the University or in industry is accompanied by six taught modules.

#### Contacts:

Jenny Henderson – +44 (0)121 414 5222;

[j.henderson@bham.ac.uk](mailto:j.henderson@bham.ac.uk)

Professor Hanshan Dong – +44 (0)121 414 5197

### Engineered Materials for High Performance Applications in Aerospace and Related Technologies EngD

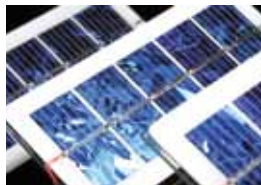
This is an EPSRC-sponsored doctoral training programme, suitable both for full-time UK students and seconded employees. It consists of a four-year research project based at the University, but attending industry on a regular basis, and a number of one-week modules in Advanced Metallurgy/Materials and Professional Development, taken at the University.

Contact: Jenny Henderson – +44 (0)121 414 5222;

[j.henderson@bham.ac.uk](mailto:j.henderson@bham.ac.uk)



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### **Metallurgy and Materials** PhD/MPhil/MSc by Research

Completion of a Metallurgy and Materials PhD consists of undertaking an extensive period of advanced research under the supervision and guidance of one or more experienced members of academic staff. To be awarded a PhD you must complete an original work of merit in the form of a 50,000-word thesis.

Research groups include:

- Alloy and process development
- Alloy chemistry
- Casting, solidification and welding
- Ceramics
- Clean processing of composites
- Corrosion and oxidation
- Electroceramic materials
- Fatigue and fracture
- Ferrous metallurgy
- Fibre optical sensors
- High temperature superconductivity
- Hydrothermal synthesis and processing
- Magnetic materials
- Materials for nuclear power generation applications
- Materials processing
- Mechanical properties and applied physics of polymers
- Microstructural studies
- Nanomaterials
- Non destructive characterisation of materials
- Oxide functional materials thin films and nanostructures
- Polymers
- Processing of functional materials
- Simulation of manufacturing and materials
- Sports materials
- Structural health monitoring
- Surface engineering and heat treatment
- Thermal analysis

Contact: [dr@contacts.bham.ac.uk](mailto:dr@contacts.bham.ac.uk)

‘Working for an industrial partner is great since it helps give meaning to the actual research that you’re performing. The University also runs a number of programmes designed to aid its postgraduates in their development, such as a course called Talent Pool run by the Entrepreneurship and Innovation Department which helps to prepare you for the world of business by teaching consultancy skills. I’m also involved in the Birmingham University Metallurgy Society which organises a range of social events throughout the year.’

*Sam Cruchley, PhD, School of Metallurgy and Materials*

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
**[www.birmingham.ac.uk/drps](http://www.birmingham.ac.uk/drps)**

# School of Physics and Astronomy

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Physics and Technology of Nuclear Reactors MSc	2:1 (Hons) in a relevant subject	£5,940 FT £2,970 PT	£17,355 FT only	1 year FT 2 years PT	29/09/14
Nuclear Decommissioning and Waste Management MSc	2:1 (Hons) in a relevant subject	£5,940 FT £2,970 PT	£17,355 FT only	1 year FT 2 years PT	29/09/14
RESEARCH					
Physics and Astronomy PhD/MSc by Research	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£16,230 FT only	PhD: 3.5 years FT 6 years PT MSc by Research: 1 year FT 2 years PT	29/09/14

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014-15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

We are one of the largest physics departments in the country with a high profile for research both in the UK and internationally. We have a long tradition of distinguished research originating from the time of John Henry Poynting, the first Professor of Physics at Birmingham, whose work included the theory of the transfer of electromagnetic energy. Our research now covers a wide range of topics offering exciting challenges at the leading edge of physics and astronomy. Our students enter careers across a wide spectrum of education and industry, and past students occupy many senior positions in science.

## Facilities and resources

We are involved in a wide range of research activities that span the range from ultracold atoms to high energy particle physics and from nanoscale physics to astrophysics and gravitational research. Research students have access to excellent facilities, just some of which are highlighted over the following pages.

We operate the most flexible research cyclotron (particle accelerator) in the UK. As part of the ongoing development of our research laboratories we have recently commissioned a new suite of hot rooms to support *in vitro* cell radiobiology studies. We collaborate closely with the University Hospital Birmingham NHS Foundation Trust, who provide extensive irradiation and

radiation calibration facilities. We are also home to the Positron Imaging Centre, where positron-emitting radioactive tracers are used in interdisciplinary research involving a number of University groups and industrial sponsors.

Our Nanoscale Physics Research Laboratory – the first centre for nanoscience in the UK, is a world-leading player in nanoscience research, and has many links to experimental and theoretical groups in Europe and beyond, as well as high-tech companies. The £2.5 million Nanoscale Science Facility and £3 million centre for Advanced Materials house a suite of powerful new tools to probe the physics and applications of nanoscale structures created in the lab, from atomic manipulation to new catalysts. The laboratory is also a key partner in the University's new bio-imaging centre.

We have two strands to our Quantum Matter research: Ultracold Atoms and Condensed Matter Physics. We have first-class laboratories to pursue ultracold atom research. Using lasers to cool atoms to ultra-low temperatures allows many exquisite phenomena, such as Bose-Einstein condensation, to be explored. Our Cold Atom research facilities are part of a strategic £11 million investment to form the Midlands Centre for Ultracold Atoms and the Midlands Physics Alliance Graduate School



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involving the Universities of Nottingham and Warwick. This research ranges from quantum simulation in relation to condensed matter phenomena to quantum atom optics and applications in quantum computation and precision sensors.

Our Condensed Matter Physics laboratories have facilities to take superconducting devices close to absolute zero, where quantum effects in macroscopic objects can be observed. Our researchers also travel to large international facilities where beams of neutrons and synchrotron X-rays are used for microscopic investigations of superconductors (which have many analogies with Bose-Einstein condensates) and magnetic materials.

Our nuclear group is a leading player in experiments that are performed at some of the world's premier research laboratories. These include experiments at the Large Hadron Collider at CERN and at the Grand Accélérateur National d'Ions Lourds, which is a leading facility for the study of exotic nuclei far from stability. As well as offering the opportunity to travel, we provide in-house facilities for the development of new detectors and their associated electronics.

Our particle physics group is making central contributions to the exploration of the new landscape of fundamental physics as revealed by the Large Hadron Collider (LHC) and other facilities at CERN. As well as analysing the data produced, our group has a long tradition of building the state-of-the-art electronics required to select the most interesting events within a few microseconds of collisions taking place. Our largest activity is with the ATLAS experiment at the LHC, where we played a major role in the recent discovery of the Higgs boson and for which a Birmingham physicist is the current spokesperson. Our work on the LHCb and NA62 experiments is concerned with beauty and strange quarks, respectively, and is addressing the questions such as why the universe contains so much more matter than antimatter. With a view to the future, we are also developing ideas for possible new electron-positron and electron-proton colliders, which will shed further light on the Higgs boson and other new physics, as well as revealing the details of the innermost structure of matter and of the strong force which holds it together.

Our activities in astrophysics and space research make use of a variety of observatories on the ground and in space, as well as powerful computing facilities, to explore a wide range of topics, including the physics of the Sun, stars (including exoplanets) and galaxies, cosmology, and the study of gravity and gravitational waves. We have a long heritage in the design and manufacture of space instrumentation, and our experimental programme includes the study of ultra-weak forces and the development of novel interferometric techniques for gravitational wave detection. We have clean rooms, a state-of-the-art facility for the assembly and testing of space-qualified electronics and an environmental test facility.

We have formed a £1.5 million world-leading centre for metamaterial research which allows state-of-the-art nano-fabrication of optical metamaterials and nanophotonic elements along with advanced optical characterisation.

Metamaterials are opening up exciting gateways towards new physics and important applications. By custom-designing the unit cells of metamaterials, many unusual electromagnetic properties can be realised, including artificial magnetic response at optical frequencies, negative refractive index, and gigantic optical activity. Metamaterials represent a revolution in materials for optical science and technology, making it possible to build 'invisibility cloaks', which can shroud objects and render them unobservable; make lenses which can exceed the resolution diffraction limit; and develop materials which nullify and even reverse the tendency of the parts of ultra-small machines to stick together (the so-called 'Casimir force'). The progress toward optics regimes may reshape research areas such as biological and medical imaging, optical lithography, optical communications and energy harvesting.

Molecular Physics has established a unique suite of instrumentation used for the study of electron attachment and ion-molecule processes. This experimental resource is not available anywhere else, and represents a cutting-edge multidisciplinary facility within the University of Birmingham for innovative and distinctive applied and basic research. The fundamental work involves

# School of Physics and Astronomy

investigations of the collisions of electrons and ions with molecules, and the more applied multidisciplinary programmes of research cover technological plasma physics and analytical sciences, with the latter predominantly focusing on homeland security and health sciences.

## Postgraduate study

We have 110 academic and research staff and over 100 graduate students, with around 45 technical and clerical support staff. Our students work in research groups, typically of ten to 50 people, with a high level of academic and technical support. Annual research income is over £7 million, and approximately 250 research publications are produced each year.

We provide a friendly environment for students and offer general training, postgraduate lecture series, and skills training in research and related skills. There is a regular programme of colloquia covering all branches of physics, which is intended for all members of the School, staff and students alike. In addition, each research group organises its own seminar programme.

All PhD students have the opportunity to teach. Students also have the opportunity to become involved in our outreach activities, where researchers meet with teachers and pupils from schools across the Midlands.

Research contact: Mrs Lucy Collinson – +44 (0)121 414 3483; [l.j.t.collinson@bham.ac.uk](mailto:l.j.t.collinson@bham.ac.uk)

Taught programmes contact: Mrs Carolyn Fox – +44 (0)121 415 8750/3489; [c.fox@bham.ac.uk](mailto:c.fox@bham.ac.uk)

## Scholarships and studentships

A variety of scholarships are available. Please see page 20 for details or consult the University's postgraduate funding database: [www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

Learn more

[www.birmingham.ac.uk/physics](http://www.birmingham.ac.uk/physics)

## Taught programmes

### Physics and Technology of Nuclear Reactors MSc

This programme demonstrates, through close contact with the industry, how nuclear power meets today's energy and environmental challenges. Studentships are sponsored by the nuclear industry in the UK and these provide excellent and effective entry routes into careers in this stimulating field.

Contact: Dr Paul Norman – +44 (0)121 414 4660; [prn@hep.ph.bham.ac.uk](mailto:prn@hep.ph.bham.ac.uk)

### Nuclear Decommissioning and Waste Management MSc

This programme responds to the needs expressed by industry and regulators for training opportunities in this important area. The programme covers radioactive waste management, decommissioning, underlying physics and laboratory experience.

Contact: Dr Alan Herbert, School of Geography, Earth and Environmental Sciences – +44 (0)121 414 9130; [a.w.herbert@bham.ac.uk](mailto:a.w.herbert@bham.ac.uk)

## Research programmes

### Physics and Astronomy PhD/MSc by Research

Completion of a Physics and Astronomy PhD consists of undertaking an extensive period of advanced research under the supervision and guidance of one or more experienced members of academic staff. To be awarded a PhD you must complete an original work of merit in the form of a 50,000-word thesis.

Research interests include: Astrophysics and Space Research; Metamaterials; Molecular Physics; Nanoscale Physics; Nuclear Physics; Particle Physics; Positron Imaging; Solar and Stellar Physics; Theoretical Physics; and Quantum Matter.

Contact: The University of Birmingham Doctoral Researcher Enquiry Service – [physics-dr@contacts.bham.ac.uk](mailto:physics-dr@contacts.bham.ac.uk)

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at: [www.birmingham.ac.uk/drps](http://www.birmingham.ac.uk/drps)



# College of Life and Environmental Sciences

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# School of Biosciences

FT Full-time  
PT Part-time  
DL Distance Learning

Programmas	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Molecular Biotechnology MSc	2:2 (Hons) in a biosciences subject including some modules in molecular biology, gene cloning and genetics	£5,940 FT £2,970 PT	£17,355 FT only	1 year FT	29/09/14
Microbiology and Infection MSc	2:2 (Hons) in a biosciences subject including at least 40 credits of Microbiology	£5,940 FT £2,970 PT	£17,355 FT only	1 year FT 2 years PT	29/09/14
Toxicology MSc	2:2 (Hons) in Biochemistry, Biology, Chemistry, Pharmacology, Pharmacy, Physiology or qualified in Medicine or Veterinary Science	£5,940 FT £2,970 PT	£17,355 FT only	1 year FT 2 years PT	29/09/14
RESEARCH					
Molecular Mechanistic Toxicology MRes	2:1 (Hons) with a substantial component of Molecular Biology	£3,950 FT £1,975 PT	£16,230 FT only	1 year FT	29/09/14
Molecular and Cellular Biology MRes	A 2:1 or higher degree in the physical sciences, Biochemistry, Biology, or other life sciences	£3,950 FT only	£16,230 FT only	1 year FT	29/09/14
Biosciences PhD/MSc by Research	2:1 (Hons) degree, or a Masters in a relevant subject	£3,950 FT £1,975 PT	£16,230 FT only	PhD: 3 years FT 6 years PT MSc by Research: 1 year FT 2 years PT	29/09/14

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014-15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

The largest Biosciences school in the Midlands, we deliver internationally excellent teaching and research across the broad span of modern biology. We host a broadly based international community of 900 undergraduates, 250 postgraduates and 300 part-time students. The School of Biosciences has an excellent research profile with 90% assessed as having international quality, supporting an exciting range of teaching programmes.

Our research focuses on a number of important themes that run through modern biological and biochemical research: Biosystems and Environmental Change; Microbiology and Infection; Molecular Cell Biology and Signalling; Plant Genetics and Cell Biology. The School is also involved in a new cross-college research initiative in Systems Science for Health and Microbiology and Infection.

## Facilities

We have a number of facilities with dedicated staff in areas including functional genomics (DNA sequencing, microarrays, proteomics, metabolomics including FTICR and QTOF mass spectrometers), confocal microscopy and horticulture (containing

computer-controlled growth facilities). The School is also very well equipped with state-of-the-art instrumentation in other areas such as protein structure determination and analysis (X-ray diffractometry, analytical ultracentrifugation, fourier transform infrared spectroscopy, fluorescence spectroscopy, linear and circular dichroism, and isothermal calorimetry), computational studies and systems biology (dedicated 128-processor computer cluster).

## Postgraduate study

We offer both taught and research Masters programmes in key aspects of the biosciences as well as PhDs and MRes research degrees across a wide range of bioscience disciplines. We have about 60 full-time academic staff with research interests across the biosciences and a thriving postgraduate community with more than 150 students from the UK and abroad.

The School of Biosciences attracts funds for studentships from the BBSRC, MRC, NERC, EPSRC and other bodies, including Cancer Research UK, The British Heart Foundation and Leukaemia and Lymphoma Research. Studentships may



## Course finder Apply online (see pages 24–25)



provide full funding (fees and stipend) for three or four years. In a recent initiative the University, in collaboration with the Universities of Leicester and Warwick, was awarded BBSRC funding to set up the Midlands Integrative Biosciences Partnership (MIBTP). The MIBTP provides a number of four-year studentships which provide world-class interdisciplinary research training. In addition, the Darwin Trust of Edinburgh funds a number of three-year PhD studentships for non-UK doctoral researchers studying molecular microbiology at Birmingham. The School has a thriving population of international students funded by a variety of external governmental and non-governmental agencies and we welcome applications from high-quality international applicants.

### Scholarships and studentships

A variety of scholarships are available. Please see page 20 for details or consult the University's postgraduate funding database: [www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

### Learn more

[www.birmingham.ac.uk/biosciences](http://www.birmingham.ac.uk/biosciences)

## Taught programmes

### Molecular Biotechnology MSc

The programme provides you with training and learning opportunities in the skills and specialised knowledge needed to equip you for a career in biotechnology, molecular biotechnology or molecular biology, in particular in industry. Modules studied include Functional Genomics and Reverse Genetics; Gene Expression Analysis; Funding Science; Therapeutic Biologicals, and a study of the development of pharmaceutical products. We focus on key techniques used in molecular biotechnology, including molecular biology, functional genomics, 'omics' technologies, protein expression systems, antibody engineering and aspects of process engineering. Practical skills will include sessions on fermentation, molecular biology, immunology, cell biology and protein chemistry, and you will go on to complete a major, supervised laboratory or computer-based research project.

Contact: Postgraduate Admissions – +44 (0)121 414 5922;  
[bio-pgtadmissions@contacts.bham.ac.uk](mailto:bio-pgtadmissions@contacts.bham.ac.uk)

### Microbiology and Infection MSc

This course will provide graduates in the Biosciences with a sound theoretical background and hands-on laboratory experience in leading-edge microbiology. Students will gain specialist knowledge and insight in key aspects of bacterial infection. The Institute of Microbiology and Infection at Birmingham brings together a group of researchers and lecturers from the College of Life and Environmental Sciences and the College of Medical and Dental Sciences with expertise in a wide range of aspects of microbiology in infectious disease. The MSc Microbiology and Infection programme draws on this expertise to highlight the impact of recent advances in understanding of microbes in infection. The course will enable students to develop basic abilities and skills on which to build professional capability in a health care or related microbiology or biomedical research setting.

Contact: Postgraduate Admissions – +44 (0)121 414 5922;  
[bio-pgtadmissions@contacts.bham.ac.uk](mailto:bio-pgtadmissions@contacts.bham.ac.uk)

### Toxicology MSc

Toxicology helps to ensure that the food we eat, the water we drink and the air we breathe are clean and free from contaminants and toxins, and that the pharmaceutical drugs we take to treat disease are as safe as possible. Toxicology is also important clinically in the diagnosis and management of poisonings, in the analysis of forensic samples and has a central role in protecting the environment from the harmful effects of chemicals, pesticides and other noxious agents. We provide vocational training in the theoretical, clinical and laboratory aspects of toxicology. You will learn about the nature and mechanism of adverse effects of chemicals such as those found in industry, in the household, in agriculture, in medicine, and those that occur naturally in the environment. We give particular emphasis to molecular and cellular mechanisms of toxicity. A challenging part of the programme is learning to predict the risk of toxicity and balancing this against the likely benefits of the substance concerned. The School of Biosciences is recognised internationally as a major centre for teaching and research in toxicology.

Contact: Postgraduate Admissions – +44 (0)121 414 5922;  
[bio-pgtadmissions@contacts.bham.ac.uk](mailto:bio-pgtadmissions@contacts.bham.ac.uk)



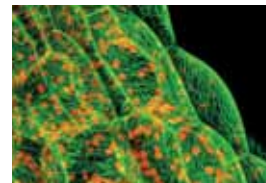
'Birmingham is a really vibrant environment for studying microbiology right now. The new Institute of Microbiology and Infection brings together a wide range of expertise in microbiology under one roof. I am currently interested in how bacterial pathogens interact with their host.'

**Dr Anne-Marie Krachler**, Birmingham Fellow, School of Biosciences, pictured with her MSc student Rosa Zavaleta Romero.

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### Research programmes

#### Molecular Mechanistic Toxicology MRes

One of the most rapidly developing areas of Toxicology is the use of molecular and cell biology to develop an understanding of chemical toxicity at the cellular and molecular level. This is not only of fundamental interest (eg, understanding mechanism of action) but it also relates to an increased need for a mechanistic component in chemical risk assessment and development of high throughput screens for chemical toxicity. The MRes in Molecular Mechanistic Toxicology is a one-year full-time programme that provides you with research-oriented training and we provide a lively, highly interactive teaching and research environment.

#### Molecular and Cellular Biology MRes

This programme is designed to prepare you for a career in research in molecular and cellular biology and its applications. It comprises a year of intensive training and research experience leading to the award of an MRes degree, which will give you a flying start to a subsequent PhD programme, if this is your chosen career path. You will undertake two six-month research projects, which can be selected from the wide range of research topics falling within the scope of molecular and cellular biology within the School; this range extends from structural biology at one extreme to multicellular systems at the other. Projects may also be undertaken in the Medical School or School of Cancer Sciences, should the student find a willing supervisor. Applications are welcome from students with a background in Physics and Chemistry, as well as from those with a degree in Biochemistry, Biology or other life sciences.

#### Biosciences PhD/MSc by Research

Research in the School centres around six broad and interlinked groupings, which focus on multi and interdisciplinary research:

- BioSystems and Environmental Change
- Computational Biology
- Institute of Microbiology and Infection
- Molecular Cell Biology and Signalling
- Plant Genetics and Cell Biology
- Structural Biology and Molecular Biophysics

Each theme represents areas of research excellence in human, animal, plant, microbial, cell and molecular biology, and these areas integrate with systems biology and structural biology.

We offer PhDs and MSc by Research degrees in all of these research areas. For more information plus a full list of staff and the PhD positions being offered please visit: [www.birmingham.ac.uk/biosciences/research](http://www.birmingham.ac.uk/biosciences/research)

Contact: Biosciences Graduate Research School –  
+44 (0)121 414 5891; [biosciences-phd@bham.ac.uk](mailto:biosciences-phd@bham.ac.uk)

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
[www.birmingham.ac.uk/drps](http://www.birmingham.ac.uk/drps)

‘The multicultural international environment at the University has made my time here a pleasure. Through the course I made a lot of friends and it has been a great experience getting to meet and know people from various international backgrounds. Given that the University ranks very highly, there is absolutely no doubt about the impact of the degree I hope to obtain.’

*Francis Amrit, PhD, School of Biosciences*

# School of Geography, Earth and Environmental Sciences

## GEOGRAPHY AND ENVIRONMENTAL SCIENCES

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Applied Meteorology and Climatology MSc	2:1 (Hons) in a relevant discipline (eg, Geography, Environmental Science, Mathematics, Engineering, Physics, Chemistry or Biology)	£6,140 FT £3,070 PT	£17,355 FT only	1 year FT	29/09/14
Research in Human Geography MSc/PGDip	2:1 (Hons) in Geography or a related discipline	£5,940 FT £2,970 PT	£13,655 FT only	1 year FT 2 years PT	29/09/14
River Environments and their Management MSc/PGDip	2:1 (Hons) in Geography or a related discipline	£5,940 FT £2,970 PT	£17,355 FT only	1 year FT 2 years PT	29/09/14
Urban and Regional Planning (RTPI accredited) MSc/PGDip/PGCert	MSc: 2:1 (Hons) in a relevant discipline PGDip/PGCert: a degree or diploma in an appropriate field	MSc: £6,570 FT £3,285 PT PGDip/PGCert: £5,160 FT £2,580 PT	£13,665 FT only	MSc: 1 year FT 2 years PT PGDip/PGCert: 9 months FT 21 months PT	29/09/14
Urban and Regional Studies MSc/PGDip/PGCert	MSc: 2:1 (Hons) in a relevant discipline PGDip/PGCert: A degree or diploma in an appropriate field	MSc: £6,570 FT £3,285 PT PGDip/PGCert: £5,160 FT £2,580 PT	£13,665 FT only	MSc: 1 year FT 2 years PT PGDip/PGCert: 9 months FT 21 months PT	29/09/14
Urban Regeneration and Renewal MSc/PGDip/PGCert	MSc: 2:1 (Hons) in a relevant discipline PGDip/PGCert: A degree or diploma in an appropriate field	MSc: £6,570 FT £3,285 PT PGDip/PGCert: £5,160 FT £2,580 PT	£13,665 FT only	MSc: 1 year FT 2 years PT PGDip/PGCert: 9 months FT 21 months PT	29/09/14
RESEARCH					
Geography and Environmental Sciences PhD/MSc by Research	2:1 (Hons) degree and a Masters in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	PhD: 3 years FT MSc by Research: 1 year FT	29/09/14
Urban and Regional Studies PhD/MPhil	PhD: 2:1 (Hons) and a Masters in a relevant subject MPhil: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	PhD: 3 years FT MPhil: 2 years FT	29/09/14

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014–15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

Geography teaching began at the University in 1924, and we are proud of our history and build on our success, offering facilities for postgraduate study through both taught courses and by research.

Geography and Environmental Sciences has a strong 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.

Postgraduate students benefit from a thriving research community, expert supervision, extensive facilities and the opportunity to participate in research seminars and discussions with academic staff.

Appropriate training is an integral part of our research activity; research students participate in a formal training programme, which includes workshops covering aspects of the philosophy





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and methodology of their subject area, and attendance at and contribution to research seminars held on a regular basis throughout the year.

There are around 60 academics, 30 technical support and 25 research staff with interests spanning many aspects of the subject, as well as a flourishing postgraduate group with around 90 doctoral researchers from the UK and overseas.

### Scholarships and studentships

We are eligible to receive research studentships from the NERC, AHRC and ESRC ('1+3' '1+3' and CASE/ESRC and NERC/ESRC). We also offer a number of prestigious College research studentships, available to both home and overseas students. For more information email: [g.coldicott@bham.ac.uk](mailto:g.coldicott@bham.ac.uk) or visit the University's postgraduate funding database: [www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

### Learn more

[www.birmingham.ac.uk/gees](http://www.birmingham.ac.uk/gees)

## Taught programmes

### Applied Meteorology and Climatology MSc

This programme provides comprehensive training in 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. Our aim is that upon graduation you will be able to compete for careers in Meteorology and Climatology. Around 43% of recent graduates have gone on to careers in industry, 37% in government agencies and 20% for a PhD degree.

Contact: Martin Widmann – +44 (0)121 414 5553;  
[m.widmann@bham.ac.uk](mailto:m.widmann@bham.ac.uk)



### Research in Human Geography MSc/PGDip

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 students 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.

Contact: Dr Rosie Day – +44 (0)121 414 8096;  
[r.day@bham.ac.uk](mailto:r.day@bham.ac.uk)

'I wanted to continue my studies so that I could enhance my knowledge in key areas of my undergraduate work that would help me develop skills for my future career aspirations. My experience as a postgraduate at Birmingham has helped me to develop a skill set in data analysis and research that I can apply in any project I'm involved in. Since graduating I have worked for Santander in Spain, BT Global Services in London and Madrid, and currently I'm in Spain working as a Regional Manager for Dutch Bank ING Direct.'

*Alexander MacIver, MSc graduate, School of Geography, Earth and Environmental Sciences*

# School of Geography, Earth and Environmental Sciences

## GEOGRAPHY AND ENVIRONMENTAL SCIENCES

### River Environments and their Management MSc/PGDip

The environmental management of rivers is required to mitigate the effects of anthropogenic pressures through the growing demands of water abstraction and hydroelectric power generation, and mitigate the effects of recurrent disturbance through diffuse and point source pollutants, drought, flooding, and channel modification. This requires a holistic understanding of how river systems are structured and function, and of how these systems have been altered by anthropogenic activities. To this end, the course will examine the interactions between climate, hydrology, geomorphology, ecology, biogeochemical cycling, water and habitat quality and biodiversity. This scientific and technical corpus will allow you to understand and quantify the consequences of natural and anthropogenic disturbance on river systems. Using a combination of lectures, fieldwork, tutorials, laboratory classes, group projects and an individual research-based thesis, you will be provided with the necessary training and skills for a career in the successful environmental management of rivers, including techniques on assessing their status and approaches to rehabilitate and restore the condition of these globally threatened environments. The course is also excellent training for continuing with research following graduation.

Contact: Alexander Milner – +44 (0)121 414 8098;  
a.m.milner@bham.ac.uk

### Urban and Regional Planning

MSc (RTPI accredited)/PGDip/PGCert

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. Studied full- or part-time, it includes nine taught modules and a dissertation and its flexible nature enables you to combine the core modules and materials in spatial planning with a specialist focus in fields such as urban regeneration, community-based planning, economic development and urban resilience. 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.

Contacts:

Austin Barber – +44 (0)121 414 2984; a.r.g.barber@bham.ac.uk  
Mike Beazley – +44 (0)121 414 3278; m.j.beazley@bham.ac.uk

### Urban and Regional Studies MSc/PGDip/PGCert

This programme has proved to be a platform for a wide range of careers. Former students hold important positions in private sector companies and consultancies, in public sector organisations, in universities, policy-making bodies, and in local and central government. Many are undertaking research and consultancy in the UK, other parts of Europe and internationally. For the MSc you are expected to complete a dissertation.

Contact: Lauren Andres – +44 (0)121 414 5021;  
l.andres@bham.ac.uk

### Urban Regeneration and Renewal MSc/PGDip/PGCert

This programme is aimed at those who want to extend their field of academic knowledge and critical understanding of issues in urban regeneration and renewal, as well as those who are concerned with the regeneration of urban areas at a variety of spatial scales working in the public, private and third sector. The programme is supported by a range of teaching methods including practice-based site visits and group working. Programmes can be studied either full- or part-time.

For the MSc you are expected to complete a dissertation.

Contact: Peter Lee – +44 (0)121 414 3645;  
p.w.lee@bham.ac.uk

For MSc programmes contact: Dr Austin Barber –  
+44 (0)121 414 2984; a.r.g.barber@bham.ac.uk



Course finder Apply online (see pages 24–25)



## Research programmes

### Geography and Environmental Sciences

PhD/MSc by Research

#### Urban and Regional Studies PhD/MPhil

The School offers postgraduate research opportunities leading to PhD degrees across the whole range of its research activities, with funding coming from a variety of sources, including national research councils, College and University scholarships and industry. Postgraduate students joining the School benefit from a thriving research community, expert supervision, dedicated training programmes and the opportunity to participate in research seminars and discussions with academic staff. All postgraduate students are provided with dedicated workspaces and have access to excellent computing and laboratory facilities.

For a full list of research groups in the School please visit:

[www.birmingham.ac.uk/gees/research](http://www.birmingham.ac.uk/gees/research)

Contacts:

Dr James Bendle – +44 (0) 121 414 6156

Gretchel Coldicott – +44 (0)121 414 6935;

[g.coldicott@bham.ac.uk](mailto:g.coldicott@bham.ac.uk) or visit: [www.curs.bham.ac.uk](http://www.curs.bham.ac.uk)

For academic enquiries related to Geography and Environmental Sciences contact: Dr James Bendle – +44 (0)121 414 6156; [j.bendle@bham.ac.uk](mailto:j.bendle@bham.ac.uk)

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at: [www.birmingham.ac.uk/drps](http://www.birmingham.ac.uk/drps)

‘During my period of study in the School I have discovered how to develop my personal skills and deal with my limitations; to scrutinise problems and find solutions. The PhD has offered me more opportunities than I expected, including the support of the School and the brilliant staff. I am grateful and proud to have been part of the doctoral researcher community in GEES and am looking forward to utilising the knowledge and experience I have gained in my future work.’

*Fang Zhang, PhD, School of Geography, Earth and Environmental Sciences*

# School of Geography, Earth and Environmental Sciences

## EARTH SCIENCES

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Applied and Petroleum Micropalaeontology MSc	Preferably a 2:1 (Hons) degree in Earth Sciences or related discipline	£6,570 FT only	£17,355 FT only	1 year FT	29/09/14
Hydrogeology MSc	2:1 (Hons) degree in a science, engineering, or environmental subject plus an AS or A level (or equivalent through degree course) in Mathematics	£6,240 FT £3,120 PT	£17,355 FT only	1 year FT 2 years PT	29/09/14
Nuclear Decommissioning and Waste Management MSc	2:1 (Hons) in a relevant discipline	£5,940 FT £2,970 PT	£17,355 FT only	1 year FT 2 years PT	29/09/14
RESEARCH					
Earth Sciences PhD/MSc by Research	PhD: 2:1 (Hons) and a Masters in a relevant subject MSc by Research: 2:1 (Hons) in a relevant subject	£3,950 FT only	£16,230 FT only	PhD: 3 years FT MSc by Research: 1 year FT	29/09/14

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014-15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

Geology at Birmingham dates back to 1881. We are proud of our long history and build on our success. Earth Sciences is a vibrant research and postgraduate teaching environment with academic staff and full-time research staff working on a broad range of research projects with many collaborators in the UK and overseas.

Earth Sciences combines strong expertise in tectonics, hydrogeology, palaeobiology, palaeoclimatology and palaeoenvironmental reconstruction. Palaeontologists combine with inorganic and organic geochemists and sedimentologists to understand the long-term interactions between Earth's climate and biosphere, from the Neoproterozoic to the Holocene. Research in tectonics ranges from mantle dynamics, to the mechanics of magma emplacement, using modelling, 2D and 3D seismic, and rock magnetism. Hydrogeology research ranges from reactive solute transport processes through nanoparticle migration and non-aqueous phase liquid movement to fracture flow, river/aquifer interactions, and radioactive waste disposal, using laboratory-, field- and modelling- based approaches.

We are always pleased to discuss individual research proposals from students. PhD students have been and are funded by the research councils, the petroleum industry, the water industry, the European Union, the Royal Society, the British Council, charities and overseas governments.

### Facilities and resources

Facilities include new and upgraded laboratories for inorganic and organic geochemistry, stable isotopes, fluorescence and luminescence determination, nanoparticle experimentation, water chemistry, magnetics, extensive computer software and hardware, well-equipped rock sample preparation laboratories, microscopy and Earth imaging and visualisation. The Lapworth Museum is an integral part of the School and has 'Designated status' for the international importance of its geological collections and archives.

### Scholarships and studentships

Funding for research students typically comes from the UK research councils, industry, the European Union, overseas governments, the British Council, and College and University scholarships. Bursary and scholarship opportunities are available for certain MSc courses. For more information please consult the University's postgraduate funding database: [www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

### Learn more

[www.birmingham.ac.uk/gees](http://www.birmingham.ac.uk/gees)



## Course finder [Apply online](#) (see pages 24–25)



### Taught programmes

#### **Applied and Petroleum Micropalaeontology** MSc

Although primarily aimed at Earth Sciences graduates who wish to gain expertise in Micropalaeontology and Petroleum Geoscience, the course has the flexibility to engage with students from a variety of academic backgrounds and would also suit those with experience in related Geoscience disciplines.

The 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 encountered and integrates these micropalaeontological skills with the interpretation of sedimentary basins and the principles of petroleum geology. The course is co-taught by academics and industrial partners.

Contact: Dr Ian Boomer – +44 (0)121 414 5536;  
micropalaeontology@contacts.bham.ac.uk

#### **Hydrogeology** MSc

A comprehensive training in the theory and practice of groundwater science and engineering, providing 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 numerate students from a range of science backgrounds, including geosciences, engineering, physics, mathematics, biosciences and environmental sciences.

The lecture component of the programme encompasses the full range of hydrogeology, including groundwater resources, groundwater contamination and remediation, and groundwater engineering. Modules cover groundwater flow theory, drilling, well design, aquifer test analysis, hydrogeophysics, inorganic chemistry of groundwaters, organic contamination of groundwater, contaminated land and remediation, groundwater modelling, contaminant transport modelling, hydrology and groundwater resources assessment.

Contact: Professor John Tellam – +44 (0)121 414 6138;  
j.h.tellam@bham.ac.uk

#### **Nuclear Decommissioning and Waste Management** MSc

This course is for students with science-based backgrounds, such as those with undergraduate degrees in Geosciences, Chemistry, Physics and Engineering, who are interested in a career in the nuclear industry. It covers a wide range of the skills required to work in the nuclear industry and is co-taught with the academic staff from the Schools of Physics and Chemistry. External lecturers from industry, regulators and specialist consultants ensure that graduates have a direct and relevant training in the current needs of nuclear industry employers. The taught modules cover nuclear sciences (nuclear physics and radiochemistry), geosciences (including geochemistry, geophysics and hydrogeology) and materials science, to prepare graduates for a career in nuclear decommissioning, waste management and remediation.

Contact: Dr Joanna Renshaw – +44 (0)121 414 6172;  
j.c.renshaw@bham.ac.uk

### Research programmes

#### **Earth Sciences** PhD/MSc by Research

Completion of a PhD consists of undertaking an extensive period of advanced research under the supervision and guidance of an experienced member of academic staff. To be awarded a PhD you must complete an original work of merit in the form of a thesis. Research interests:

- Hydrogeology
- Palaeobiology and Palaeoenvironments
- Palaeoclimatology
- Subsurface Structure and Properties

Contacts:

Dr Stephen Jones – +44 (0)121 414 6155;  
s.jones.4@bham.ac.uk

Dr James Bendle – +44 (0)121 414 6156; j.bendle@bham.ac.uk

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
**[www.birmingham.ac.uk/drpf](http://www.birmingham.ac.uk/drpf)**

# School of Geography, Earth and Environmental Sciences

## ENVIRONMENTAL HEALTH AND RISK MANAGEMENT

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Air Pollution Management and Control MSc/PGDip	2:2 (Hons) in an appropriate subject and/or appropriate professional experience, or a degree without Honours followed by at least 2 years' appropriate postgraduate experience	MSc: £5,940 FT £2,970 PT PGDip: £3,960 FT £1,980 PT	£17,355 FT only	1 year FT 2 years PT	29/09/14
Environmental Health MSc	2:2 (Hons) in an appropriate subject	£6,590 FT £3,460 PT	£17,355 FT only	1 year FT 2–5 years PT	29/09/14
Public and Environmental Health Sciences MSc	2:1 (Hons) in a science discipline	£6,590 FT only	£17,355 FT only	1 year FT	29/09/14
Science of Occupational Health, Safety and the Environment MSc	2:1 (Hons) in a relevant discipline	£5,940 FT £2,970 PT	£17,355 FT only	1 year FT 2 years PT	29/09/14
RESEARCH					
Human and Environmental Health Impacts of Nanoscience and Nanotechnology (HEINN) MRes	2:2 (Hons) in an appropriate subject, or a degree without Honours followed by at least 2 years' appropriate postgraduate experience	£3,950 FT only	£16,230 FT only	1 year FT	29/09/14
Atmospheric Sciences and Air Pollution PhD with Integrated Study	2:1 (Hons) in a relevant discipline	£3,950 FT only	£16,230 FT only	4 years FT	29/09/14
Environmental Health and Risk Management PhD/MSc by Research	2:1 (Hons) degree in a relevant discipline	£3,950 FT £1,975 PT	£16,230 FT only	PhD: 3 years FT MSc by Research: 1 year FT	29/09/14

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014–15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

The Division of Environmental Health and Risk Management (DEHRM) is based in the well-equipped, purpose-built facilities of the University's Public Health and Geography Buildings.

Research in the group addresses a range of research issues requiring the application of chemical and physical principles to the study of environmental processes, ranging from air pollution and nanoparticles to climate change and extreme weather. Ultimately, such processes are relevant to understanding global change and environmental impacts upon ecosystems, the environment and human health. Our work involves field studies, laboratory experimentation and numerical model development and application; one of our strengths is the ability to integrate all three approaches in tackling complex research problems. The collaborative nature of much of this work, together with the mix of pure, strategic and applied research, often involving interdisciplinary teams spanning physical, biological, chemical,

medical and social sciences, provides a dynamic and internationally recognised research environment. Research facilities, including laboratories, and field sites and instruments are of exceptionally high quality.

For a detailed brochure describing the activities of DEHRM, contact: The Administration Office – +44 (0)121 414 2628/3077; [v.c.walker@bham.ac.uk](mailto:v.c.walker@bham.ac.uk)

### Scholarships and studentships

Scholarships may be available, contact the Administration Office – +44 (0)121 414 6935; [g.coldicott@bham.ac.uk](mailto:g.coldicott@bham.ac.uk) or visit the University's postgraduate funding database: [www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

Learn more  
[www.birmingham.ac.uk/gees](http://www.birmingham.ac.uk/gees)





Course finder [Apply online](#) (see pages 24–25)



## Taught programmes

### Air Pollution Management and Control MSc/PGDip

This programme is run with the School of Chemical Engineering. 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. This is a recognised and sought after qualification within the professional environmental field in the UK and abroad. Students successfully completing the course find employment as air quality experts within environmental consultancies, industry or local government departments.

Contact: Dr Xiaoming Cai – +44 (0)121 414 5533;  
x.cai@bham.ac.uk

### Environmental Health MSc

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. On completion of the MSc, those wishing to take the professional examination of the Chartered Institute of Environmental Health will need to undertake up to 12 months practical training in an approved organisation and then take the CIEH professional examinations to become a registered Environmental Health Practitioner.

Contact: Zena Lynch – +44 (0)121 414 5556;  
z.lynch@bham.ac.uk

### Public and Environmental Health Sciences MSc

This programme is accredited by the Chartered Institute of Environmental Health and is designed for international students aiming to develop their careers in public health and environmental health. It is taught partly with the MSc in Environmental Health but with additional options available.

Contact: Zena Lynch – +44 (0)121 414 5556;  
z.lynch@bham.ac.uk

### Science of Occupational Health, Safety and the Environment MSc

Run jointly with the Institute of Occupational and Environmental Medicine in the College of Medical and Dental Sciences, this programme recognises the increasing demand from both industry and enforcement agencies to integrate occupational health, safety and environmental issues. The programme is recognised by the Chartered Institute of Environmental Health and the Institute of Acoustics, and accredited by the Institute of Occupational Safety and Health.

Contact: Val Walker, Course Administrator –  
+44 (0)121 414 3077; v.c.walker@bham.ac.uk

‘Birmingham provided me with an excellent academic experience and a first-class education, with staff and like-minded fellow students providing the environment to succeed. Gaining an MSc in the Science of Occupational Health, Safety and the Environment enabled me to achieve career progression whereby I am now a Principal Officer with the job title Construction Safety Officer; it also gave me the knowledge and confidence to provide advice to corporate health and safety groups.’

*Rod Davies, MSc graduate, School of Geography, Earth and Environmental Sciences*

# School of Geography, Earth and Environmental Sciences

## Research programmes

### Human and Environmental Health Impacts of Nanoscience and Nanotechnology (HEINN) MRes

This programme provides students with a comprehensive understanding of all aspects of nanoscience and its potential environmental and human health-related risk. The MRes focuses on the fundamental and underpinning science but also discusses applications, synthesis and policy and regulatory responses. The programme is research focused, with a large part devoted to an independent, but supervised, research project.

Contact: Mrs Marian Jordan, Course Administrator – +44 (0)121 414 6989; [m.a.jordan@bham.ac.uk](mailto:m.a.jordan@bham.ac.uk)

### Atmospheric Sciences and Air Pollution

PhD with Integrated Study

This PhD programme has been introduced to meet the needs of international students. You undertake both research work and taught courses that are relevant to your research topic.

Contacts:

Dr William Bloss – +44 (0)121 414 2558;

[w.j.bloss@bham.ac.uk](mailto:w.j.bloss@bham.ac.uk)

Gretchel Coldicott – +44 (0)121 414 6935;

[g.coldicott@bham.ac.uk](mailto:g.coldicott@bham.ac.uk)

### Environmental Health and Risk Management

PhD/MSc by Research

Members of the Environmental Health Sciences Group supervise PhD degrees in a wide range of topics aligned with their individual expertise. To be awarded a PhD you must complete an original work of merit in the form of a thesis.

Principal research areas are:

- Air Pollution and Atmospheric Chemistry
- Applied Meteorology and Climatology
- Environmental Nanoscience
- Persistent Organic Pollutants

Contact: Dr William Bloss – +44 (0)121 414 2558;

[w.j.bloss@bham.ac.uk](mailto:w.j.bloss@bham.ac.uk)

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at: [www.birmingham.ac.uk/drps](http://www.birmingham.ac.uk/drps)

‘As a new doctoral researcher, the initial School and University inductions enabled me to quickly find my feet and meet other people. Regular meetings with my supervisors allow me to discuss my ideas, gain feedback and maintain direction. The School as a whole is friendly; we have a coffee room where we can meet daily to discuss problems, share ideas and generally socialise. The vibrant research groups imbue the School with a sense of enthusiasm and there is always an opportunity to talk to someone when I hit a stumbling block with my research.’

*Lindsay McMillan, PhD, School of Geography, Earth and Environmental Sciences*



'I decided to do a Masters degree because I wanted to improve my job prospects and since graduating I have been offered a place on a graduate scheme with Welsh Water. As the School has a strong background in environmental management it was the obvious choice for my postgraduate studies.'

*Faye Ward, PhD graduate, School of Geography, Earth and Environmental Sciences, pictured with MSc student Tanya Sheehan.*

**LEARN MORE** [www.birmingham.ac.uk/pgprofiles](http://www.birmingham.ac.uk/pgprofiles)

# School of Psychology

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Clinical Criminology MSc/PGDip	2:2 (Hons) in Psychology or related discipline	MSc: £5,535 PT PGDip: £3,690 PT	UK/EU only	2 years PT	29/09/14
Computational Neuroscience and Cognitive Robotics MSc	2:1 (Hons) in a relevant subject (eg, Psychology, Neuroscience, Computer Science, Physics, Engineering or Mathematics)	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Criminological Psychology MSc/PGDip	2:2 (Hons) in Psychology that confers the Graduate Basis for Chartership with the British Psychological Society and current employment in a forensic setting in the UK	MSc: £5,535 PT PGDip: £3,690 PT	£6,832.50 PT only	2 years PT	29/09/14
Forensic Psychology Practice MSc	2:1 (Hons) in Psychology that confers the Graduate Basis for Chartership with the British Psychological Society and experience working in a forensic setting	£7,290 FT only	£13,665 FT only	2 years FT	29/09/14
Psychological Research with Pathways MSc	2:1 (Hons) in Psychology or related discipline	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
RESEARCH					
Clinical Psychology MRes	2:1 (Hons) in Psychology	£3,950 FT £1,975 PT	£13,855 FT only	1 year FT 2 years PT	29/09/14
Clinical Psychology Doctorate (ClinPsyD)	High 2:1 (Hons) degree (GPA of 65 or above) or a 2:1 plus a clinically relevant higher degree, registration with the British Psychological Society and 1 year's full-time clinically relevant experience	Fees are paid by NHS West Midlands	Fees are paid by NHS West Midlands	3 years FT	29/09/14
Continued Professional Development Route to the Doctorate in Forensic Psychology Practice (CPD Doc in FPP)	An MSc (merit or above) in Forensic Psychology (accredited by the British Psychology Society), evidence of registration with the Health and Care Professions Council, and experience of working as a forensic psychologist	£7,290 FT £3,645 PT	£13,665 FT £6,832.50 PT	1 year FT 2 years PT (for those employed in a forensic setting)	29/09/14
Forensic Psychology Practice Doctorate (ForenPsyD)	2:1 (Hons) in Psychology that confers the Graduate Basis for Chartership with the British Psychological Society and experience working in a forensic setting	£7,290 FT £3,645 PT	£13,665 FT £6,832.50 PT	3 years FT 4 years PT (if employee sponsored or self-funded)	29/09/14
Psychology PhD/MSc by Research	PhD: 2:1 (Hons) in Psychology or related discipline or a 2:2 (Hons) and a Masters degree MSc by Research: 2:2 (Hons) in Psychology or related discipline	£3,950 FT £1,975 PT	£13,855 FT only	PhD: 3 years FT 6 years PT MSc by Research: 1 year FT 2 years PT	29/09/14

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014–15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.



## Course finder [Apply online](#) (see pages 24–25)

We are one of the largest and most active Psychology departments in Britain with an excellent reputation for teaching and research. We were ranked 3rd in the Grade Point Average, placing us in the top three Psychology departments for research in the UK in the most recent Research Assessment Exercise (2008), as well as gaining 23 out of 24 in the QAA Quality Assessment Review of teaching. Our wide ranging research makes an impact by giving a greater understanding of the relationship between brain, mind and behaviour.

### Facilities and resources

Facilities include laboratories specially equipped for work in cognition, psychophysics, visual perception, auditory perception, speech production, human motor performance, cognitive neuropsychology, cognitive neuroscience, food, drink and nutritional psychology, physiological psychology, psychopharmacology, social psychology, and developmental psychology. Our clinical psychology centre and forensic psychology centre support professional training and research. Laboratories and offices are also equipped with computers for experimental control, data collection and analysis. There are dedicated brain imaging workstations for work in perception and cognitive science, including a computational modelling and brain analysis suite.

### Postgraduate study

There are excellent research opportunities provided by our links with local hospitals, prisons and clinics, local schools and nurseries, other University departments, industrial companies, and departments of local and national government – both in this country and overseas. Psychology is a major partner in the West Midlands Stroke Research Network and provides access to a large pool of screened neuropsychological patients. There is also a number of other well-established research groups, with strong links to clinical groups, notably in psychosis, neurodevelopmental disorders and addictions.

Research may be carried out in areas where members of staff are willing to offer supervision. Our research is grouped under three main headings: Developmental, Social and Applied



Psychology; Behavioural Neuroscience; and Language, Cognition and Perceptual Systems.

### Scholarships and studentships

A variety of scholarships are available. Please see page 20 for details or consult the University's postgraduate funding database: [www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

### Learn more

[www.birmingham.ac.uk/psychology](http://www.birmingham.ac.uk/psychology)

## Taught programmes

### Cognitive Behaviour Therapy Programmes

- Introductory Practitioner Course
- Postgraduate Diploma in Cognitive Behaviour Therapy
- MSc in Cognitive Behaviour Therapy

The next available Diploma and IPC course will be starting in January 2014. Please see our website for up-to-date information. Alternatively if you would like to receive further information about these courses visit:

<http://cbt.bham.ac.uk/about.php>

Contact: Course Administration Assistant –

+44 (0)121 414 7198; [cbtprogramme@contacts.bham.ac.uk](mailto:cbtprogramme@contacts.bham.ac.uk)

### Clinical Criminology MSc/PGDip

This two-year part-time programme is designed to help professionals currently working in applied settings, including forensic mental health, the police, Social Services and the National Offender Management Service, to develop skills relevant to their practice. Two routes are available through this programme. One is for practitioners working directly with offenders or victims and involves working on a detailed case study. The second focuses on new developments in forensic psychology and forensic linguistics which apply to the investigation and prosecution of serious crimes. Applicants for the second route do not need to be working directly with victims or offenders. Applicants should hold a relevant degree (at least a second-class Honours).

# School of Psychology

## Computational Neuroscience and Cognitive Robotics MSc

This MSc is designed for those who are interested in applying knowledge of neural systems and brain function in research on human cognition, the sensory and motor systems as well as the design of bio-inspired and biologically plausible robotic systems. It aims to mesh two active and rapidly developing fields, computational neuroscience and cognitive robotics, to generate novel 21st-century strategies and solutions. From modelling human decision making to making robots move, this course works at the boundary between biology and technology.

## Criminological Psychology MSc/PGDip

This two-year part-time programme equips you with an understanding of contemporary theories of criminal behaviour and the criminal justice system, together with the skills to analyse individuals' offending behaviour and to plan treatment and supervision strategies for both victims and offenders. Both theory and practice are set in the context of the legal and institutional systems through which offenders and victims are managed. The Masters programme is accredited by the BPS as equivalent to stage one of training for Chartered Psychologist status.

## Forensic Psychology Practice MSc

This two-year full-time programme is offered by the Centre for Forensic and Criminological Psychology, and combines academic teaching, research and professional training during forensic placements. The programme is open only to psychology graduates who are registered with the BPS (GBC status) and who have experience with clients in a forensic setting. This course is part of the Doctorate in Forensic Psychology Practice (ForenPsyD), which is a professional qualification. All trainees are required to sign a generic Code of Professional Conduct and Fitness to Practise statement, as well as completing an enhanced Disclosure and Barring Service check. Successful completion of the Masters is accredited as meeting Stage 1 of the BPS Chartership route and students can apply to the BPS for some level of exemption from Stage 2. However, most trainees will progress to the third year for the Doctorate course, which is

approved by the HCPC and BPS (See Forensic Psychology Practice Doctorate, page 172).

## Psychological Research with Pathways MSc

This MSc is designed to broaden and deepen knowledge of Psychology as a research-oriented discipline. It is aimed at students who wish to engage more fully with research and want to develop practical research skills. It provides excellent preparation for the PhD and for employment in a range of research positions in the public and private sectors. Through a series of taught modules, the course promotes the development of your skills in experimental design and analysis, critical thinking and reading, computer use, oral presentation, team work, and scientific writing. You will also undertake a research placement and a substantial research project, usually linked to current research within the University.

### 1) Pathway in Brain Imaging and Cognitive Neuroscience

This pathway contains specialised modules on the theory and methods of brain imaging and on current advances in cognitive neuroscience linked to these methods. It also provides specialised computer programming training. Your research placement and project will be focused on topics in Cognitive Neuroscience.

### 2) Pathway in Psychology

This pathway allows you to engage in a broad range of research topics within Psychology, including child development, emotion, language, learning, motor control, motivation, perception and social psychology. Other more applied topics include appetite, abnormal development, mental health resilience and neuropsychology. Your research seminars, placement and project will be focused on topics in Psychology.

Contact for all MSc programmes: Carly Talbot or Maureen Walton – +44 (0)121 414 2752;

pg-psychology-admissions@contacts.bham.ac.uk

Contact for all forensic taught programmes: Sue Hanson, Course Administrator – +44 (0)121 414 3319; s.a.hanson@bham.ac.uk





Course finder [Apply online](#) (see pages 24–25)



## Research programmes

### Clinical Psychology MRes

The programme provides you with understanding and experience of the research methods and techniques appropriate for applied settings. There is a taught component with a focus on the specialist skills and methods required to conduct and evaluate psychological research in clinical settings. This includes: single-case, small  $n$ , survey and intervention designs; qualitative and quantitative methods; and principles of applied psychology. There are also two research placements and a final research project which are all supervised by staff affiliated to the Doctorate in Clinical Psychology programme or working in clinical areas. Successful students should graduate with skills and experience to strengthen their applications for PhD research, DClinPsy training, clinical research and/or Assistant Psychologist posts.

### Clinical Psychology Doctorate (ClinPsyD)

This is an integrated three-year course leading to a professional qualification. All trainees are required to sign a generic Code of Professional Conduct and Fitness to Practise statement.

The University of Birmingham is one of the major centres for clinical psychology training in the UK and most graduates take up posts in NHS departments. Candidates offered a place on the programme are funded by the NHS. Trainees complete five placements in a range of health settings across the West Midlands. Trainees are assessed by a series of clinical practice reports and other assignments over the three years, and by a viva examination for the final research thesis. The programme is organised on a collaborative basis with local NHS psychologists, and many local clinicians are involved in teaching. Applications are via the Clearing House in Clinical Psychology – please see: [www.leeds.ac.uk/chpccp](http://www.leeds.ac.uk/chpccp)

Contact: Sharon Boyce, Admissions Secretary – +44 (0)121 414 7124; [s.a.boyce@bham.ac.uk](mailto:s.a.boyce@bham.ac.uk)

### Continued Professional Development Route to the Doctorate in Forensic Psychology Practice (CPD Doc in FPP)

We offer a Continued Professional Development route to the Doctorate in Forensic Psychology Practice. This course provides forensic psychologists with an opportunity to advance their existing applied research knowledge and skills to doctoral level. Forensic psychologists undertaking this course will develop a capacity to formulate complex applied research questions and investigate these in a methodologically rigorous manner.

The course combines taught and self-directed research elements in the study of offending behaviour and criminal activity. The programme is examined by continuous assessment, with students completing a series of classes, assignments and projects over the programme duration. Students are required to attend taught classes, aimed at developing advanced research skills, and complete assignments via self-directed learning in conjunction with an academic supervisor. Students will be required to incorporate this work into a thesis that will be assessed via oral examination.

In addition to good performance at interview, successful applicants will have an MSc in Forensic Psychology (accredited or previously accepted by the British Psychological Society) graded at merit or above and status as a Forensic Psychologist registered with the Health and Care Professions Council. Chartered Psychologist Status with the British Psychological Society is preferable but not essential.

#### Contacts:

Sue Hanson – +44 (0)121 414 3319; [s.a.hanson@bham.ac.uk](mailto:s.a.hanson@bham.ac.uk)  
Dr Louise Dixon – +44 (0)121 414 7218; [l.dixon.1@bham.ac.uk](mailto:l.dixon.1@bham.ac.uk)

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at: [www.birmingham.ac.uk/drp](http://www.birmingham.ac.uk/drp)

# School of Psychology

## Forensic Psychology Practice Doctorate (ForenPsyD)

This full-time programme offered by the Centre for Forensic and Criminological Psychology, combines academic teaching, research and professional training during forensic placements. It is open only to psychology graduates who are registered with the BPS (GBC status) and have experience working in a forensic setting. The two-year interim MSc (see page 170) is accredited and recognised by the BPS as contributing to training in forensic psychology. At the end of the two-year MSc, if you meet the requirements, you may proceed to the third year full-time to complete forensic research and research methods, leading to the award of a Doctorate (ForenPsyD).

This is an integrated three-year course leading to a professional qualification. All trainees are required to sign a generic Code of Professional Conduct and Fitness to Practise statement. You will also be eligible for BPS Chartered Psychology status and full membership of the Division of Forensic Psychology, and eligible to apply for registration with the Health Professions Council as a Forensic Psychologist, which is the statutory regulating body for Psychology. The ForenPsyD is a professional qualification. All trainees are required to sign a generic Code of Professional Conduct and Fitness to Practise statement, as well as a completing an enhanced Disclosure and Barring Service check.

A four-year part-time option is available for forensic organisations who wish to sponsor a trainee through the ForenPsyD course while employed.

### Contacts:

Sue Hanson – +44 (0)121 414 3319; [s.a.hanson@bham.ac.uk](mailto:s.a.hanson@bham.ac.uk)  
Dr Catherine Hamilton-Giachritsis – +44 (0)121 414 4925;  
[c.hamilton.1@bham.ac.uk](mailto:c.hamilton.1@bham.ac.uk)

## Psychology PhD/MSc by Research

Completion of a Psychology PhD consists of undertaking an extensive period of advanced research under the supervision and guidance of one or more experienced members of academic staff. To be awarded a PhD you must complete an original work of merit in the form of a 50,000-word thesis.

### Research interests:

- Developmental, Social and Applied Psychology
- Behavioural Neuroscience
- Language, Cognition and Perceptual Systems

Contact: Dr Linda Wheeldon – +44 (0)121 414 7048;  
[l.r.wheeldon@bham.ac.uk](mailto:l.r.wheeldon@bham.ac.uk)

### For PhD admissions enquiries contact:

Postgraduate Admissions Team – +44 (0)121 414 2752/2864;  
[pg-psychology-admissions@contacts.bham.ac.uk](mailto:pg-psychology-admissions@contacts.bham.ac.uk)

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
[www.birmingham.ac.uk/drp](http://www.birmingham.ac.uk/drp)

‘My supervisor couldn’t be more supportive, both personally and professionally. Not only has he taught me the research techniques I need but he has taught me to think like a researcher rather than a student. This is an integral and invaluable skill, not something that can be learnt from a book! At Birmingham your potential as a world-class researcher is valued and nurtured from the start.’

*Chloe Corcoran, PhD, School of Psychology*

'Our group is interested in the psychological processes that have an impact on appetite and the kinds of biological processes that underpin these. Our research area is very important since, as Iraida and Jason have found in their research, diet has a huge impact on health. We are very passionate about trying to understand more about the dietary choices that people make, with the ultimate aim of developing ways to help people to avoid unhealthy weight gain and to live healthier lives.'

**Dr Suzanne Higgs**, Reader, School of Psychology, pictured with PhD students Iraida Neira and Jason Thomas. Dr Higgs is a research psychologist interested in the study of motivated behaviours.



**LEARN MORE** [www.birmingham.ac.uk/pgprofiles](http://www.birmingham.ac.uk/pgprofiles)

# School of Sport, Exercise and Rehabilitation Sciences

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Golf Coaching AdCert	A recognised golf coaching qualification and recognition as a golf professional by a Professional Golfers' Association which itself is recognised by the PGA World Alliance. FdA or FdSc Professional Golf from the University	Check online for details	Check online for details	1 year PT	29/09/14
Advanced Manipulative Physiotherapy MSc/PGDip	2:1 (Hons) or equivalent, current registration with the Health and Care Professions Council and the Chartered Society of Physiotherapy (to include professional indemnity), a minimum of 1,500 hours' experience post qualification of using manipulative physiotherapy within a neuromusculoskeletal context, and evidence of CPD	MSc: £5,940 FT £2,970 PT PGDip: £3,960 FT £1,980 PT	MSc: £13,665 FT only PGDip: £13,665 FT only	13 months–3 years FT Up to 6 years PT	22/09/14
Advancing Practice MSc/PGDip/PGCert	2:1 (Hons) in a relevant subject, current registration with the relevant professional/regulatory bodies appropriate to the location of the clinical placement component of the programme (to include professional indemnity) and evidence of CPD	MSc: £5,940 FT £2,970 PT PGDip: £3,960 FT £1,980 PT	MSc: £13,665 FT only PGDip: £13,665 FT only	13 months–3 years FT Up to 6 years PT	22/09/14
Exercise and Sport Sciences MSc	2:1 (Hons) in a relevant subject	£6,210 FT £3,105 PT	£15,525 FT only	1 year FT 2 years PT	29/09/14
Exercise and Sports Medicine (Football) MSc/PGDip	2:1 (Hons) in a relevant subject or an MBChB; current registration with the Health and Care Professions Council and the Chartered Society of Physiotherapy for physiotherapists, or current registration with the General Medical Council, evidence of appropriate professional indemnity and evidence of CPD	MSc: £11,070 FT PGDip: £9,300 FT	£17,355 FT only	13 months FT Up to 6 years PT PGDip: 10 months FT Up to 4 years PT	22/09/14
Health Studies MSc/PGDip/PGCert	2:1 (Hons) in a relevant subject	MSc: £5,940 FT £2,970 PT PGDip: £3,960 FT £1,980 PT	MSc: £13,665 FT only PGDip: £13,665 FT only	13 months–3 years FT Up to 6 years PT	22/09/14
Physical Education and Sport Pedagogy MSc	2:1 or equivalent in a relevant subject	£7,020 FT £2,340 PT	£13,665 FT only	1 year FT 3–6 years PT	29/09/14
Physiotherapy (pre-registration) MSc	2:1 (Hons) in a relevant subject. Evidence of physiotherapy work experience (at least in the form of visits and observation)	Exempt from tuition fees, may be eligible to apply for NHS bursary	£15,525 FT only	2 years FT	13/01/15
Sport Policy, Business and Management MSc by DL	2:1 (Hons) in a relevant science subject	£7,020 FT £2,340 PT	£13,665 FT only	1 year FT 3–6 years PT	29/09/14
Sports Coaching MSc by DL/PGDip by DL	Normally a 2:1 (Hons) in a relevant subject or relevant professional experience. A coaching qualification recognised by the relevant national governing body, normally at Level 2 of the UKCC or its equivalent; a minimum of 3 hours per week of coaching while on the programme	MSc: £2,340 PT only PGDip: £2,340 PT only	£6,832.50 PT only	MSc: 3–6 years PT PGDip: 2–4 years PT	29/09/14



## Course finder Apply online (see pages 24–25)



Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
RESEARCH					
Exercise and Sport Sciences MRes	2:1 (Hons) in a relevant science subject	£3,950 FT only	£13,855 FT only	1 year FT	29/09/14
Health Research MRes	2:1 (Hons) in a healthcare-related subject or a professional qualification or work experience in a relevant health-related area, plus current registration with an appropriate healthcare regulatory body (eg, NMC, GMC, BPS or HCPC), plus 18 months' post-qualification experience	£3,950 FT £1,975 PT	£16,230 FT only	1–2 years FT 2–4 years PT	29/09/14
Sport, Exercise and Rehabilitation Sciences PhD	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£13,855 FT only	3 years FT 6 years PT	29/09/14

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014–15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

The School of Sport, Exercise and Rehabilitation Sciences aims to develop and apply knowledge in the sciences of sport, exercise, health and rehabilitation. Its mission is to contribute to one of the key challenges facing contemporary societies; increasing the quantity and quality of engagement in physical activity to enhance health and wellbeing. To achieve this, the School engages in world-leading research and teaching centred on our five research themes:

- Active Lifestyles
- Effective Learning
- Maximal Performance
- Movement Rehabilitation
- Healthy Ageing

This research and teaching is delivered by academics working at the cutting edge of their fields and its impact is seen in the development of knowledge that can address the diverse sport, exercise and physical activity needs of individuals and communities. In the last Research Assessment Exercise, the School was ranked equal first in the UK.

### World leaders in the sciences of sport, exercise, health and rehabilitation

The School is able to meet students' aspirations by offering taught postgraduate programmes and research degrees across a wide range of areas from exercise science and sport coaching

to sport policy, physiotherapy and health care. We have expertise in both the natural and social sciences, and in this multidisciplinary environment students can gain valuable academic and employability skills leading to a wide range of career outcomes. Supporting students' personal employability aspirations is a key focus for all postgraduate programmes.

### State-of-the-art facilities and a multidisciplinary academic community

We boast the largest custom-built sport and exercise facility in the UK. If your interests are in the natural sciences, you will have access to teaching and research laboratories for physiology, biochemistry, psychophysiology, musculoskeletal assessment, biomechanics, sport psychology, motor skills, immunology, muscle mechanics and the neurophysiology of movement. If your interests are more professional and vocational, you will be able to develop your academic knowledge in practice-related settings while broadening your understanding of the wider research fields relevant to your work. Access to topics of interest in the extensive School research seminar programme is a real benefit of studying in a large, multidisciplinary school.

### Collaborative provision and research

It is increasingly recognised that academic collaborations across traditional disciplinary boundaries are vital to advancing knowledge and supporting policy and professional practice.

# School of Sport, Exercise and Rehabilitation Sciences

We have well-established links with the Medical School, University Hospitals Birmingham and the schools of Biosciences and Psychology for health-related aspects; the Business School and School of Government and Society for sport policy and participation; the School of Education for teaching and coaching; and University of Birmingham Sport for sports participation and performance. We also work closely with professional sports and practitioner bodies, and we have developed unique educational partnerships with, among others, the Professional Golfers' Association and The Football Association. With this range of outstanding collaborators, on and beyond campus, we are ideally placed to tackle some of the most challenging physical activity questions facing contemporary societies.

## Academic support: a mode of study to support your needs

For taught students, we understand the pressures of juggling work and home life and therefore these programmes are offered on a flexible basis. Campus-based postgraduate programmes can be completed on a full- or part-time basis, and can usually be taken as a PGCert, PGDip or MSc qualification. Individual modules are also available and credits gained from individual assessed modules can then be used towards a full qualification at a later stage.

A number of our professional programmes are run via distance education. Students on these courses will be required to attend compulsory block teaching sessions throughout the year with courses completed through 'blended learning' which is a mixture of online and face-to-face contact.

Many modules are available on a standalone basis for continued professional development or can count towards a full Masters.

We also have a vibrant postgraduate research community with over 50 full-time PhD students registered. However, it is not just the size of our postgraduate community that is important, but its quality. High quality is achieved through carefully targeted recruitment, supportive supervision arrangements (all students have two supervisors plus a mentor), and by providing formal training, both within and outside the School, in both generic and discipline-specific skills.

## Postgraduate study

Applications to taught postgraduate programmes are made via the University's Course finder:

[www.birmingham.ac.uk/students/courses](http://www.birmingham.ac.uk/students/courses)

Applications for PhD training in research can be made at any time of the year and research topics should be linked to areas of research expertise within the School. Our research is organised into four main interdisciplinary research groups as listed on pages 179–180. Current PhD opportunities can be found on the School's website at: [www.birmingham.ac.uk/sportexprojects](http://www.birmingham.ac.uk/sportexprojects)

General enquiries:

Postgraduate Research (PhD): PGR Administrator –  
+44 (0)121 414 4108; [dr@contacts.bham.ac.uk](mailto:dr@contacts.bham.ac.uk)

Postgraduate Taught (MSc, PGDip, PGCert): Simon Briercliffe  
+44 (0)121 415 8246; [ses-pgrecruit@contacts.bham.ac.uk](mailto:ses-pgrecruit@contacts.bham.ac.uk)

## Scholarships and studentships

A variety of scholarships are available. Please see page 20 for details or consult the University's postgraduate funding database: [www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

## Accreditation of prior learning or experience

The generic term AP(E)L is used to encompass both Accredited Prior Learning and Accredited Prior Experiential Learning. The AP(E)L scheme means that we can consider accreditation of previous formal certified and experiential learning for modules within the programmes. Further information can be found at: [www.admissions.bham.ac.uk/apl](http://www.admissions.bham.ac.uk/apl)

Learn more

[www.birmingham.ac.uk/sportex](http://www.birmingham.ac.uk/sportex)

## Taught programmes

### Golf Coaching AdCert

This programme is a unique development in the field of golf coaching. Professional learning in a research-led environment





## Course finder [Apply online](#) (see pages 24–25)

supports your development as a high-quality coach. This programme aims to develop your skills, build your understanding of new developments and theory in coaching and its allied areas, and integrate this knowledge into your own personal practice. Students will be required to attend three compulsory block teaching sessions during September, December and March. Contact: Simon Briercliffe – +44 (0)121 415 8246; [ses-pgrecruit@contacts.bham.ac.uk](mailto:ses-pgrecruit@contacts.bham.ac.uk)

### **Advanced Manipulative Physiotherapy** MSc/PGDip

This programme enables exploration of the theoretical basis of manipulative physiotherapy and its application to the development of your clinical reasoning. Using the process of clinical reasoning as its framework, this programme integrates the many approaches to practice in this specialist area. It facilitates an evaluation of existing evidence through the exploration of the assessment and management of neuromusculoskeletal dysfunction. Successful completion of the programme at PGDip qualifies students for membership of the Musculoskeletal Association of Chartered Physiotherapists (MACP) and the International Federation of Orthopaedic Manipulative Physical Therapists (IFOMPT).

Contact: Nicola Heneghan – +44 (0)121 415 8367; [ses-pgrecruit@contacts.bham.ac.uk](mailto:ses-pgrecruit@contacts.bham.ac.uk)

### **Advancing Practice** MSc/PGDip/PGCert

This programme offers the opportunity to advance your practice through selection of a profile of modules that meet your personal development needs and aspirations. Modules are designed to facilitate capability to undertake a range of roles; eg, specialist, extended scope or consultant roles. This will also appeal to those involved in service development or role redesign. The programme has a clinical practice-based focus and offers flexible learning for allied health professionals and nurses. The programme includes the opportunity to undertake clinical placements overseas, enabling us to meet the needs of international students. Opportunities will be available for participants to evaluate their current practice and undertake learning experiences that advance their capability as a practitioner.

Contact: Clive Liles – +44 (0)121 415 8606; [ses-pgrecruit@contacts.bham.ac.uk](mailto:ses-pgrecruit@contacts.bham.ac.uk)



### **Exercise and Sport Sciences** MSc

This postgraduate Masters programme provides training in the practical, theoretical and applied elements of Exercise and Sport Sciences. The MSc has three compulsory modules which all students complete: Research Methods, Continued Professional Development, and Integrated Body Systems. The remaining taught elements of the course are delivered in the form of optional modules, allowing you to shape the course to meet your particular interests. Examples of topics covered include nutrition and metabolism, neuromusculoskeletal adaptation to exercise, psychology of physical activity promotion and cardiovascular and respiratory physiology.

Contact: Simon Briercliffe – +44 (0)121 414 8246; [ses-pgrecruit@contacts.bham.ac.uk](mailto:ses-pgrecruit@contacts.bham.ac.uk)

### **Exercise and Sports Medicine (Football)** MSc/PGDip

This innovative programme has been developed in partnership with The Football Association, and is aimed at physiotherapists and doctors working in football medicine or with an interest in moving into this field. The programme focuses on advanced practice in football medicine through achievement of the international competencies and standards established by the International Federation of Sports Physiotherapists, or the Specialty Training Curriculum for Sports and Exercise Medicine from the Joint Royal Colleges of Physicians Training Board (to level Specialty Training 5). Unique features of the programme include the delivery of two specialist modules at The Football Association's National Football Centre, St George's Park at Burton on Trent, anatomy development within the prosectorium at the University, and practice mentorship within a football/sports medicine environment.

Contact: Dr Alison Rushton – +44 (0)121 415 8597; [ses-pgrecruit@contacts.bham.ac.uk](mailto:ses-pgrecruit@contacts.bham.ac.uk)

### **Health Studies** MSc/PGDip/PGCert

This programme is designed to further develop your knowledge and ability to evaluate current health care practice. It combines an evidence-based approach with opportunity for personal development through a flexible and supportive learning experience. In planning the programme and its delivery, we have

# School of Sport, Exercise and Rehabilitation Sciences

sought to create a student-centred, flexible programme that enables you to select modules that meet your individual learning needs, career aspirations and interests. The scope and flexibility of the programme will appeal to individuals with a theoretical interest in health-related issues and it is particularly suited to individuals who are seeking a non-clinical programme of study. Through careful selection of modules you can create the course that will meet your individual development needs.

Contact: Clive Liles – +44 (0)121 415 8606;  
ses-pgrecurit@contacts.bham.ac.uk

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## Physical Education and Sport Pedagogy MSc

This programme seeks to support the continuing professional development of practising physical education teachers. It is expected that teachers taking the programme will develop the skills to critically evaluate new developments in theory/research and policy and integrate this knowledge into their own practice. Teachers graduating from this programme will be ideally placed to take leadership positions and challenge current practices, for example in developing new pedagogies for health and positive youth development. Students will be required to attend three compulsory block teaching sessions during September, December and March.

Contact: Simon Briercliffe – +44 (0)121 415 8246;  
ses-pgrecurit@contacts.bham.ac.uk

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## Physiotherapy (pre-registration) MSc

The MSc in Physiotherapy (pre-registration) is a two-year full-time qualifying programme for graduates with a suitable and relevant first degree. The aim of the programme is to develop students with the knowledge, attitudes and skills required to design, specify and implement wide-ranging, evidence-based physiotherapy programmes for a variety of patients and client groups. You will be able to evaluate progress, respond flexibly and promptly to advances in practice and implement research and audit programmes. Successful completion of this programme awards you with a Masters degree and gives you eligibility to apply for

registration with both the Chartered Society of Physiotherapy and the Health and Care Professions Council. For more information please go to: [www.birmingham.ac.uk/mscphysiotherapy](http://www.birmingham.ac.uk/mscphysiotherapy)

Contact: Dr Carolyn Roskell – +44 (0)121 415 8604;  
ses-pgrecurit@contacts.bham.ac.uk

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## Sport Policy, Business and Management MSc

This programme aims to provide the basis for students in their transition to sports-related employment and/or the continuing professional development of practising sports-related workers (sports development officers/sports centre managers etc).

Its focus is on the development of skills to enable you to critically evaluate new developments/theory and to integrate this knowledge into personal working practice. Topics as diverse as the political leveraging of sports events (Olympics/ FIFA World Cup) and the commercialisation of sport will be covered using innovative blended delivery. Students will be required to attend three compulsory block teaching sessions during September, December and March.

Contact: Simon Briercliffe – +44 (0)121 415 8246;  
ses-pgrecurit@contacts.bham.ac.uk

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## Sports Coaching MSc/PGDip

This programme is unique in the field of sport coaching. Taught in a dynamic and collaborative research environment, the aim of the programme is to develop high-quality coaches who can lead their field. The knowledge and understanding gained from this programme will place you in an ideal position to challenge current practices, improve participation and performance, and inform the future direction of your sport at all levels. Students will be required to attend three compulsory block teaching sessions during September, December and March. Recruitment is onto the Postgraduate Diploma in Sports Coaching with the possibility of transfer onto the MSc after the successful completion of the diploma.

Contact: Simon Briercliffe – +44 (0)121 415 8246;  
ses-pgrecurit@contacts.bham.ac.uk



## Course finder Apply online (see pages 24–25)

### Research programmes

#### Exercise and Sport Sciences MRes

This programme provides you with a research oriented training in the practical, theoretical and applied elements of Exercise and Sport Sciences. The taught elements of the MRes are delivered in the form of optional modules in core disciplines within exercise and sport sciences, allowing you to shape the course to your particular interests. Extended research experience is offered through a six-month research project in your chosen discipline.

Contact: Simon Briercliffe – +44 (0)121 415 8246;  
dr@contacts.bham.ac.uk

#### Health Research MRes

This programme provides a first step in research training for health professionals currently working in clinical areas who want to develop a health-related research component to their career. Guided by a supervision team, you will undertake three taught modules and a research project to gain confidence in using research methods, project management, and research governance. Funded places are available as part of the National Institute of Health Research programme of Clinical Academic Training for Nurses, Midwives and Allied Health professionals. For further information on this course visit: [www.birmingham.ac.uk/healthresearch](http://www.birmingham.ac.uk/healthresearch)

Contact: Postgraduate Administrator – a.j.morley@bham.ac.uk

#### Sport, Exercise and Rehabilitation Sciences PhD

The School's research mission is a scientifically rigorous approach to the study of sport, exercise, health and rehabilitation. We supervise PhDs in the areas of Motor Control, Physiotherapy and Movement Rehabilitation, Exercise Physiology, Nutrition and Exercise Metabolism, Sport and Exercise Psychology, Behavioural Medicine, Sport and Exercise Pedagogy, Sport Coaching and Sport Policy. Studies increasingly involve an interdisciplinary research approach integrating the expertise and analytical skills of the School's four main research groups:

##### Motor Control and Rehabilitation

We study human movement and its rehabilitation across the lifespan and level of ability. Research within the group covers a wide range of topics fundamental to the understanding of human



movement. We use techniques from biomechanics, physiology and the cognitive sciences to study motor control. We have strong interests in traditional topics in physiotherapy and rehabilitation including musculoskeletal, neurological and orthopaedic disorders. Our research addresses five broad themes:

- Motor control physiology
- Motor control cognition
- Sporting performance
- Motor dysfunction and its rehabilitation
- Education for professional physiotherapy development

##### Physiology

Our research builds on expertise in exercise biochemistry, physiology, nutrition and metabolism applied to human beings at an integrative level. We study mechanisms ranging from molecular adaptations in tissues to the regulation of blood flow, blood pressure and metabolism at tissue and whole-body level. We study elite and recreational levels of sport, as well as the health effects of exercise in obese, ageing and diseased populations in laboratory, clinical and community settings. Our key research themes are:

- Sports, clinical, and public health nutrition to optimise metabolism and performance and promote health
- Optimising fat metabolism to improve insulin sensitivity and decrease risks for type 2 diabetes and obesity
- Examining the role of exercise in oxidative stress, dementia, sarcopenia and frailty
- Control of the cardiovascular and respiratory systems during exercise in healthy and diseased states
- Molecular adaptation of skeletal muscle to exercise and nutrition

##### Psychology and Behavioural Medicine

The group's interests range from the determinants and effects of motivation on participation and performance, to the promotion of public health exercise and physical activity. In behavioural medicine we study the effects of behavioural and psychosocial exposures (eg, stress) on biological systems and their implications for health and disease. Our research is organised into broad themes:

- Cardiovascular psychophysiology
- Environmental factors and their effect on lifestyle physical activity

# School of Sport, Exercise and Rehabilitation Sciences

- Motivational processes and their impact on engagement and wellbeing in sport, exercise, and dance settings
- Mental skills and optimising performance in sport and dance
- Psychoneuroimmunology

## Sport Pedagogy and Policy

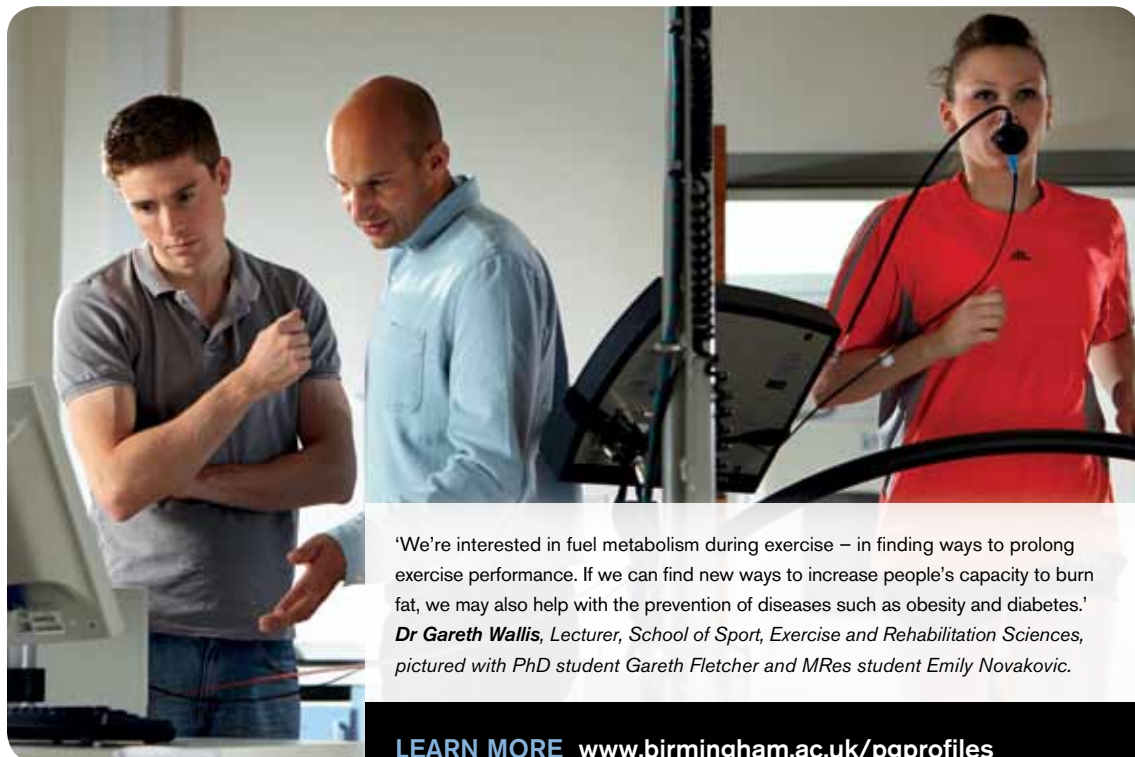
We focus on the intersection of sport/physical activity with education and policy. Through our research, we seek to understand effective ways to teach, coach and instruct diverse individuals in sport, exercise and other physical activity/movement contexts. Taking a broad view of pedagogy, we also focus on understanding sport, education and health policy as the context

for theory and practice. We address five main themes using a range of research methods and approaches:

- Physical education and youth sport
- Physical activity/health pedagogies
- Coaching and applied sport sciences
- Sport policy and politics
- Sport management and business

For more information, please contact: [dr@contacts.bham.ac.uk](mailto:dr@contacts.bham.ac.uk)

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at: [www.birmingham.ac.uk/drps](http://www.birmingham.ac.uk/drps)



'We're interested in fuel metabolism during exercise – in finding ways to prolong exercise performance. If we can find new ways to increase people's capacity to burn fat, we may also help with the prevention of diseases such as obesity and diabetes.'

**Dr Gareth Wallis**, Lecturer, School of Sport, Exercise and Rehabilitation Sciences, pictured with PhD student Gareth Fletcher and MRes student Emily Novakovic.

**LEARN MORE** [www.birmingham.ac.uk/pgprofiles](http://www.birmingham.ac.uk/pgprofiles)

# College of Medical and Dental Sciences

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## Graduate Entry Medical Course MBChB

*Please note: this course is open to UK/EU students only*

We offer a four-year full-time Medicine and Surgery MBChB programme for graduates with a first degree in a life science. On this programme you are taught in small groups in the first year, joining the five-year programme in your second year.

### Entry requirements

We do not use aptitude tests for selection. We will consider, normally, those applicants who have completed a life science degree at the time of application. Accepted degrees include biomedical science and human biology but also healthcare-related degrees such as pharmacy, dentistry and physiotherapy. We will also consider a psychology degree if it is accredited by the British Psychological Society.

We will rank applicants according to the quality of their degree result, giving preference to those with a first-class mark, but we expect also to consider those who have achieved a result at the upper end of the 2:1 range.

Secondary school qualifications are also used to identify the best applicants. In particular, we expect very good results in Science, Mathematics and English (recognised qualifications only). As a guide, our A level threshold is BBB, though this may be raised through competition. A sound knowledge base in Chemistry is essential (usually from A level).

Candidates who are undertaking higher degrees are expected to have submitted their dissertations or theses before starting the course.

A satisfactory health declaration, including evidence of appropriate immunisations and a satisfactory enhanced level Disclosure and Barring Service check, are required from accepted candidates prior to registration for the programme. All students are required to sign the subject-specific Code of Professional Conduct and Fitness to Practise statement prior to entry; details of which will be forwarded with an offer letter.

It is our policy to interview all candidates to whom an offer may be made. Interviews are organised in a multiple mini-interview format. This will allow you to start afresh at each mini-interview. A range of your personal attributes relevant to studying medicine will be assessed by means of different tasks. Interview stations are designed to assess aspects such as: motivation for medicine; communication; self-insight; ethical reasoning; scientific understanding and interpretation.

### How to apply

Apply via UCAS at: [www.ucas.com](http://www.ucas.com)

The UCAS code for this programme is A101 and the code for the University of Birmingham is B32.

### Fees and funding

Standard undergraduate fees apply. For details see: [www.birmingham.ac.uk/ugfunding](http://www.birmingham.ac.uk/ugfunding)

### Scholarships and studentships

£9,000 per year (2013). For the most up-to-date information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)

### Year 1 – clinical orientation

The first year is a problem-based learning programme with a limited number of lectures. You work on case studies as part of a group of about eight students, with a moderator for your group and are presented with different clinical cases (or 'problems').

The case studies integrate topics across the curriculum (eg, biological sciences, public health, ethics, sociology, psychology, etc), with students using the case as a basis for group discussion, identifying learning objectives and consequent self-directed learning. There is a particular focus on anatomy and behavioural science; since you will have covered little of these subjects in comparison with your knowledge of other life science topics. Early clinical contact is a feature of the course with students spending a day a week in a GP practice.





Teaching is organised into modules, which run for three or four weeks and are themed to a physiologic system; eg, the cardiovascular system. The aim is to ensure that the clinical case, the anatomy topics and the GP practice experience are all related to one theme.

A typical week might involve:

- A period of self-directed learning
- Group discussions of the clinical case
- Group work in anatomy
- One or two lectures (plus contact with experts)
- A day in primary care with direct contact with patients presenting symptoms relevant to the current theme

There are formative assessments each semester, together with feedback from your moderator to assist you in your learning. At the end of the year there is a summative assessment on your clinical skills, knowledge and interpretive aspects of your learning.

## Year 2

Your second year is based in the health trusts that teach the third-year course for students on the five-year MBChB programme. Rotation between different trusts provides substantial clinical experience. You also join the students on the five-year programme in their clinical science lectures, and in the teaching and special study module in public health and epidemiology.

Typical learning activities involve:

- Lectures
- Small-group clinical teaching sessions
- Clinic sessions
- Time in primary care
- Attendance with the on-call medical or surgical team
- Self-directed learning

## Years 3 and 4 – specialist rotations

As you progress through these years you will gain substantial clinical experience and be exposed to a range of specialties in medicine. In addition to General Medicine and Surgery, you will have hospital attachments in sub-specialty subjects, such as Cardiology, Neurology, Bone and Joint Disease and Oncology. You will also have attachments in Obstetrics and Gynaecology, Psychiatry, Paediatrics as well as General Practice. You will be able to bring all of your learning and skills together as you prepare to become a doctor.

Elective studies: Two months in the spring of the fourth year are allotted to full-time studies of your own choice, either in a department of the Medical School or at another centre in Britain or abroad. You may choose to consolidate your knowledge in a subject you've already studied, gain further experience of clinical practice or perhaps undertake your own clinical research project. An excellent resource is available, which provides contact information on clinical placements around the world.

## Career opportunities

Following graduation and on completion of the foundation years, you can apply for posts in the field of specialisation of your choice. For most of our graduates these are hospital and primary care posts in the NHS, but there are also opportunities in laboratory-based disciplines such as pathology, or in research. Some doctors move into more commercial fields such as the pharmaceutical industry, politics, or medical journalism and the media. Whichever direction you choose to go in, your training here gives you a first-class springboard.

For further information please contact:

Dr Austen Spruce – +44 (0)121 414 6888;  
[medicineadmissions@contacts.bham.ac.uk](mailto:medicineadmissions@contacts.bham.ac.uk)

Learn more

[www.birmingham.ac.uk/graduatemedicine](http://www.birmingham.ac.uk/graduatemedicine)

# School of Cancer Sciences

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Clinical Oncology MSc/PGDip	A relevant degree (eg, Medicine, Radiography or Pharmacy), plus at least 6 months' experience working in an oncology environment	MSc: £23,000 FT (including Clinical Observership) £5,940 FT £2,970 PT PGDip: £3,960 FT £1,980 PT	MSc: £23,000 FT only PGDip: £17,355 FT only	MSc: 1 year FT 2 years PT PGDip: 9 months FT 18 months PT	29/09/14
Translational Medicine: Interdisciplinary Biomedical Technologies MSc	2:1 (Hons) in a relevant subject, plus a grade B in GCSE Mathematics	£7,050 FT only	£18,550 FT only	1 year FT	29/09/14
Urology MSc/PGDip	2:1 (Hons) in a relevant subject. Six months' experience working in urology is desirable	Contact the School for the latest details	Contact the School for the latest details	2 years PT	29/09/14
RESEARCH					
Cancer Sciences MRes	2:1 or high 2:2 (Hons) in a life science or biomedical science subject	£7,500 FT only	£17,250 FT only	1 year FT	29/09/14
Cancer Sciences PhD/MD/MSc by Research	PhD: 2:1 (Hons) in a relevant subject or 2:2 (Hons) plus relevant Masters degree (with merit/distinction) MD: MBChB or equivalent, plus honorary or substantive appointment of the University MSc by Research: 2:1 (hons) in a relevant subject	PhD/MSc by Research: £3,950 FT £1,975 PT MD: £1,975 PT only	PhD/MSc by Research: £16,230 FT only MD: £8,115 PT only	PhD/MSc by Research: 3 years FT 6 years PT MD: 2 years PT MSc by Research: 1 year FT 2 years PT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014–15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

The School is one of the world's premier translational cancer research institutes and we are proud to make an important contribution to one of the major challenges of our generation.

We offer a range of postgraduate education opportunities including both research and taught programmes. Opportunities are available on a full- or part-time basis leading to the qualifications of MD, PhD, MSc by Research, MSc, Postgraduate Diploma and Postgraduate Certificate. Continuing professional development (CPD) opportunities are also available as short study programmes.

Cancer Sciences at Birmingham incorporates the following areas and is included in the Cancer Research UK Cancer Centre:

- Cancer Cell Biology
- Cancer Genetics and Epigenetics
- Birmingham Clinical Trials Unit
- Cancer Research UK Clinical Trials Unit

- Nuclear Magnetic Resonance and Biomarkers
- Tumour Immunology and Immune Gene Therapy
- Viral Oncology

## Cancer Research UK Cancer Centre

Generous funding for research and studentships in the School is provided by our major sponsor, Cancer Research UK, as part of its national programme of support to centres of excellence. In addition, we receive major funding from the Medical Research Council (MRC) and the Leukaemia and Lymphoma Research (LLR) Fund.

We have a strong international reputation, with research programmes in several DNA tumour virus systems (molecular, cellular and immunological aspects), in cell signalling biochemistry, in the genetic analysis of susceptibility to cancer, in gene regulation and in T cell immunology.



## Course finder Apply online (see pages 24–25)

### Cancer Cell Biology

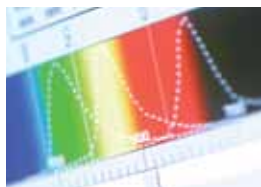
The study of the phenotype of the transformed cell is undertaken by several research groups:

- Dr Fedor Berditchevski is looking at the role of tetraspanins in cancer cell biology and has demonstrated that these proteins modulate cell migration and antigen presentation and thus provide the possibility of novel translational targets.
- Dr Chris Tselepis focuses on how iron drives epithelial carcinogenesis and has demonstrated that cellular iron acquisition is increased in several gastrointestinal cancers. This work interacts with that of surgeons Professors Dion Morton and Derek Alderson to provide a strong clinical collaboration.
- Dr Dan Tennant is studying cancer metabolism and the cellular response to hypoxia (low oxygen). Many of the changes observed in cancer require alterations in cellular metabolism. The Tennant laboratory is investigating the nature of these metabolic changes with the hope that they may lead to new therapeutic opportunities. They have a particular interest in the response of cancer cells to hypoxia, which causes many metabolic perturbations, as hypoxic cells are among the most malignant within tumours.

### Cancer Genetics and Epigenetics

DNA mutations are seen as the primary causal event in all human cancers. A failure to properly repair damage to the DNA is also one of the most important causative factors for the development of cancer.

- Dr Grant Stewart leads a research group that is interested in understanding how defects in cellular DNA repair pathways cause human disease. Specifically, his laboratory focuses on understanding how the cell controls the DNA repair machinery by regulating protein phosphorylation, ubiquitylation and SUMOylation. Epigenetic modification of the DNA genome is also emerging as a powerful influence on the development of tumours and is an important target for therapy.
- Professors Constanze Bonifer and Bryan Turner are leading Epigenetics Research in the School. They are interested in how epigenetic processes are deregulated in different types of cancer, including Leukaemia.



- Professor Malcolm Taylor studies the ataxia telangiectasia mutated (ATM) gene.
- Professor Tanja Stankovic is investigating the significance of ATM mutation in haemopoietic malignancies.

### Birmingham Clinical Trials Unit (BCTU)

We specialise in the design, conduct and analysis of clinical trials. Our fundamental objective is to generate more reliable evidence on the causes and best treatment of a wide range of diseases through high-quality clinical trial research. The Unit comprises some 40 other personnel, including trial managers, statisticians, and IT and administrative staff. We are based at the Robert Aitken Institute, close to the main University campus and Queen Elizabeth Hospital Birmingham.

Contact: +44 (0)121 415 9100; [bctu@contacts.bham.ac.uk](mailto:bctu@contacts.bham.ac.uk)  
[www.birmingham.ac.uk/bctu](http://www.birmingham.ac.uk/bctu)

### Cancer Research UK Clinical Trials Unit (CRCTU)

Our remit is to take basic research generated through laboratories and offer an infrastructure in which such developments can be translated rapidly and effectively. Many of the trials managed by the Unit relate to anti-cancer drugs, but much of our activity also relates to therapeutic approaches that are quite different from those of classical chemotherapies. Trials for new diagnostic tests, prognostic indices, molecular predictors of response, and cost effectiveness are all legitimate aspects of our portfolio.

Contact: +44 (0)121 414 3803  
[www.birmingham.ac.uk/crctu](http://www.birmingham.ac.uk/crctu)

### Nuclear Magnetic Resonance and Biomarkers

The University of Birmingham hosts the national NMR centre directed by Professor Michael Overduin and Professor Ulrich Günther. Professor Overduin is using structure analysis to study enzymes involved in carcinogenesis with a particular focus on cell signalling. The application of biomarkers to cancer clinical therapy is an important area of interest. Dr Ashley Martin is using proteomic analysis to identify serum markers that will be valuable in the diagnosis and monitoring of cancer therapy.

# School of Cancer Sciences

## Tumour Immunology and Immune Gene Therapy

This area is a strategic priority across the College, with research groupings collaborating to form the recently established Cancer Immunology and Immunotherapy Centre (CIIC). Within Cancer Sciences, haematological malignancies are a particular strength, including the immunology of Stem Cell Transplantation (Professor Paul Moss), and use of epigenetic modification therapies to increase anti-tumour immunity (Professor Charlie Craddock). In addition to vaccination approaches pursued by Professor Moss, a key therapeutic focus is T cell receptor gene transfer strategies, led by Dr Gavin Bendle. Immunology/immunotherapy of solid tumours is an area of growing interest, with Professor Gary Middleton and Dr Frank Mussai focusing both on understanding tumour immunosuppression, and on therapeutic targeting of the tumour microenvironment. An enzyme prodrug gene therapy strategy incorporating GM-CSF immunomodulation is also in clinical trials for prostate cancer, led by Professor Nick James and Dr Peter Searle. Virus-specific immunology is also an area of ongoing strength, with the first clinical trials of a therapeutic EBV vaccine targeting Hodgkin's lymphoma and nasopharyngeal carcinoma (Dr Graham Taylor) currently being undertaken in the UK and China. In addition, ongoing research programmes focus on the immune responses to cytomegalovirus (CMV, Professor Paul Moss) and Kaposi's sarcoma-associated herpesvirus (KSHV, Dr Andrew Hislop). A fourth theme within the CIIC grouping, liver inflammation and oncogenesis, is led by Professor David Adams's team from the School of Immunity and Infection. In each area, close interactions with the CRUK Clinical Trials Unit (CRCTU) are maintained to promote translation of research findings to early phase clinical trials.

## Viral Oncology

The study of the relationship between viral infection and the development of cancer is one of the strongest themes within the School. Work on the relationship between Epstein-Barr virus (EBV) and cancer is undertaken by Professors Murray, Rowe, and Rickinson and by Dr Shannon-Lowe. The groups of Drs Roberts and Parish are investigating the mechanisms of cancer induced by human papillomaviruses (HPV), while Professor Woodman works on epigenetic mechanisms of EBV- and

HPV-induced cancers. Drs Grand and Turnell use adenovirus as a model of viral regulation of cell cycle and DNA-repair mechanisms.

## Scholarships and studentships

For postgraduate studentships in Cancer Sciences, please contact the School directly or visit our online postgraduate funding database: [www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

Learn more

[www.birmingham.ac.uk/cancersciences](http://www.birmingham.ac.uk/cancersciences)

## Taught programmes

### Clinical Oncology MSc/PGDip

This programme is for healthcare professionals from diverse backgrounds who wish to expand their knowledge of theoretical and practical aspects of oncology. You can opt for a Postgraduate Diploma on completion of the core modules and 40 credits of optional modules, or an MSc on successful completion of the taught programme and an independently researched dissertation. It is essential that you should have at least six months' experience working in an oncology environment and an undergraduate degree in a suitable subject. We accept Accreditation of Prior Learning (APL). As an exciting development, we are offering the full-time programme with a Clinical Observership at a local hospital. For further information about this programme visit:

[www.birmingham.ac.uk/clinicaloncology](http://www.birmingham.ac.uk/clinicaloncology)

Contact: Dr Jean Assender – +44 (0)121 415 8808;  
clinicaloncology@contacts.bham.ac.uk

### Translational Medicine: Interdisciplinary Biomedical Technologies MSc

This course provides an opportunity to explore the new 'omics' technologies (including genomics, proteomics, metabolomics) alongside well-established molecular structure-based approaches, in the context of translational medicine. It is targeted towards students interested in biomedical research and provides a breadth of training in biomedical, biological, biophysical and computational skills targeted towards biomarker discovery,



## Course finder Apply online (see pages 24–25)



drug discovery and personalised medicine. The programme is designed to link bench and bedside by combining modules introducing clinical aspects and clinical trials with a wide range of biophysical technologies. A final module comprises an extended laboratory research project. Further information is available at:

[www.birmingham.ac.uk/translationalmedicine](http://www.birmingham.ac.uk/translationalmedicine)

Contacts:

Professor Ulrich Günther – [u.l.gunther@bham.ac.uk](mailto:u.l.gunther@bham.ac.uk)

Dr Peter Searle – [p.f.searle@bham.ac.uk](mailto:p.f.searle@bham.ac.uk)

Magdalena Skrybant – +44 (0)121 414 7672;

[msctranslationalmedicine@contacts.bham.ac.uk](mailto:msctranslationalmedicine@contacts.bham.ac.uk)

### **Urology** MSc/PGDip

*Programme under development*

Contact: Mr Richard Viney – [r.p.viney@bham.ac.uk](mailto:r.p.viney@bham.ac.uk)

[www.birmingham.ac.uk/mscurology](http://www.birmingham.ac.uk/mscurology)

## Research programmes

### **Cancer Sciences** MRes

This programme has recently been introduced to offer postgraduate training to biomedical and life sciences graduates who are interested in careers in cancer research. The course provides an introduction to the cellular and molecular basis of cancer and its diagnosis and treatment through lecture modules and associated tutorials. These lectures are integrated with the MSc Clinical Oncology programme, giving you the opportunity to learn alongside other students with clinical experience in oncology. The major part of the learning experience is a 30-week research project, which may be undertaken within one of the research groups in the School of Cancer Sciences. The research project gives a real insight into how cancer research is conducted and provides a valuable opportunity to contribute to cancer research at a fundamental level. This training will equip you with skills to facilitate entry into PhD programmes or employment within a

laboratory research context. Further information can be obtained from our web page: [www.birmingham.ac.uk/mrescancersciences](http://www.birmingham.ac.uk/mrescancersciences)

Contacts:

Dr Roger Watson – [r.watson@bham.ac.uk](mailto:r.watson@bham.ac.uk)

Magdalena Skrybant – +44 (0)121 414 7672;

[mrescancersciences@contacts.bham.ac.uk](mailto:mrescancersciences@contacts.bham.ac.uk)

### **Cancer Sciences** PhD/MD/MSc by Research

Our PhD programme is extremely active and requires participation in regular seminars and discussion groups in addition to your research project work. Cancer Sciences remains a major research strength within the College of Medical and Dental Sciences, as evidenced by the fact 80% of our RAE 2008 submission in the area of Cancer Studies was considered internationally excellent or world leading. Particular strengths include cancer cell signalling, the DNA damage response, gene and immunotherapy, and cancer viruses. If you pursue your PhD here, we will train you and challenge you to solve the critical issues facing cancer research.

Research interests:

- Integrins; tetraspan proteins and cell signalling
- Adenovirus early proteins and Kaposi sarcoma-associated Herpes Virus and their relationships to the cellular DNA damage response
- Urological malignancies; boron neutron capture therapy
- Cancer clinical trials and systematic review
- T cell responses and haematological malignancies; viral infections of the immunocompromised host; graft-versus-leukaemia
- NMR and cell signalling
- Metabolomics; NMR
- Epstein-Barr virus, Kaposi sarcoma-associated Herpes Virus and Merkel cell virus infection and immunity
- Immune responses to Epstein-Barr virus
- Epstein-Barr virus immune evasion and mechanisms of lymphomagenesis

'I love demonstrating science to people, both in and out of the lab. I would love more people to get involved in science and be excited about all the weird and wonderful things that scientists around the world are discovering every single day.'

*Beckie Port, PhD, School of Cancer Sciences.*



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# School of Cancer Sciences

- Normal biology of Epstein-Barr virus persistence
- Epstein-Barr virus cell tropism and carcinogenesis
- Human papillomaviruses; epithelial cell biology
- Gene-/immuno-therapy of cancer; viral vectors
- Epigenetic processes regulating normal and malignant haemopoiesis
- Breast cancer genetics and post-translational modifications in the DNA damage response
- Experimental genetics
- Molecular basis of immune receptor recognition
- Unconventional T cell recognition
- Structural biology of cell surface receptors
- Adenovirus gene regulation of tumour suppressors
- Cancer genetics and epigenetics; defects in cellular DNA repair pathways and human disease
- The ATM gene and human disease
- DNA damage response genes in lymphoid malignancies
- DNA replication and genome stability; DNA damage at replication forks in cancer development and treatment
- Molecular biology of the human papillomavirus life cycle
- Studying the role of Iron metabolism in cancer
- Epigenetics; Human papillomavirus and Epstein-Barr Virus
- Tumour immunology
- Brain tumours and metabolomics
- Neuroblastoma and Retinoblastoma
- Leukaemia – phase I and II studies
- Gynaecological oncology and minimal invasive radical surgery
- Liver transplant pathology; hepatobiliary pathology; mechanisms of immune damage and growth factors in liver disease
- Lymphoma biology; oncogenic herpes viruses
- Transplantation pathology
- TCR gene therapy of cancer
- T cell-based therapies for cancer
- Arginine methylation in breast cancer
- Protein hydroxylation and its role in translation, autophagy and cancer
- Use of mass spectrometry to investigate protein and lipid biomarkers in human disease
- Immune microenvironment in paediatric solid and haematological malignancies

- Chromosomal DNA replication
- Epstein-Barr virus infection, immunity and autoimmunity
- Urological cancers (kidney, bladder, prostate and testis); Gene and Immunotherapy for prostate cancer; Cancer Informatics
- Bioinformatics
- Haematopoietic differentiation in health and disease
- Proteomic approaches to cancer biomarker discovery
- Cancer metabolism and the cellular response to hypoxia
- Surgery
- Colorectal surgery
- Oesophagogastric oncology and minimally invasive oesophagogastric surgery

Contact: +44 (0)121 414 5005; [dr@contacts.bham.ac.uk](mailto:dr@contacts.bham.ac.uk)

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
**[www.birmingham.ac.uk/drpf](http://www.birmingham.ac.uk/drpf)**

‘The School of Cancer Sciences is keen on setting up collaborations with other research groups. During my time here I have had many opportunities to liaise with other PhD students working on similar projects particularly as our research group is part of the Childhood Cancer and Leukaemia Functional Imaging Group. Whatever I go on to do, the skills I have gained during my time here will be essential.’

*Simrandip Gill, PhD, School of Cancer Sciences*

'I've always loved biology, ever since I can remember. I wanted to keep learning and when I saw that the PhD was supervised by Jo, who is a leader in the field, I applied for it. I'm from the West Midlands and knew I loved the University, but it was the quality of Birmingham's research that attracted me.'

**Helen Stone**, PhD, School of Cancer Sciences, pictured with fellow PhD student Kirsty Lawrence and their supervisor Dr Jo Morris, Senior Lecturer in the School of Cancer Sciences and a specialist in the genetics of cancer predisposition.



LEARN MORE [www.birmingham.ac.uk/pgprofiles](http://www.birmingham.ac.uk/pgprofiles)

# School of Clinical and Experimental Medicine

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Clinical Neuropsychiatry MSc/PGDip/PGCert	2:1 (Hons) in a relevant subject plus experience of working with the client group, or a professional qualification plus 5 years' experience	MSc: £5,940 FT £2,970 PT PGDip: £3,960 FT £1,980 PT PGCert: £1,980 FT/PT	£17,355 FT only	1 year FT 2 years PT	29/09/14
Forensic Mental Health Studies MSc/PGDip/PGCert	2:1 (Hons) in a relevant subject, or a professional qualification, plus experience of working with mentally disordered clients	MSc: £5,940 FT £2,970 PT PGDip: £3,960 FT £1,980 PT PGCert: £1,980 FT £1,980 PT	£17,355 FT only	1 year FT 2 years PT	29/09/14
Pharmaceutical Enterprise MSc	2:1 (Hons) in a relevant business- or science-based subject	£8,950 FT £4,475 PT	£17,900 FT only	1 year FT 2 years PT	29/09/14
Physicians' Assistant (Anaesthesia) PGDip by distance learning	Route 1: Registered health care practioners with a degree in a health-related subject or at least 3 years' relevant, full-time work experience Route 2: 2:2 (Hons) in a biomedical or biological science subject	£3,960 (paid by Strategic Health Authority)	Home/EU students only	27 months FT followed by 3 months of supervised practice	29/09/14
Diabetes and Obesity MSc/PGDip/PGCert	Contact the School for the latest details	Contact the School for the latest details	Contact the School for the latest details	2 years PT	29/09/14
Trauma Sciences MSc/PGDip	Contact the School for the latest details	Contact the School for the latest details	Contact the School for the latest details	1 year FT 2 years PT	29/09/14
RESEARCH					
Biomedical Research – Integrative and Translational MRes	2:1 (Hons) in a relevant subject	£3,950 FT only	£16,230 FT only	1 year FT	29/09/14
Pharmacy DPharm	You must have a 2:1 (Hons) in a pharmaceutical subject plus a relevant postgraduate certificate, diploma or Masters. You must also be employed by an appropriate body agreeing to host workplace-based research	£1,975 PT only	Home/EU students only	4-6 years PT	Negotiable
Anaesthetics and Intensive Care PhD/MSc by Research	PhD: 2:1 (Hons) in a relevant subject or 2:2 (Hons) plus Masters degree (with merit/distinction) MSc by Research: 2:1 (Hons) in a relevant subject	PhD/MSc by Research: £3,950 FT £1,975 PT	PhD/MSc by Research: £16,230 FT only	PhD: 3 years FT 6 years PT MSc by Research: 1 year FT 2 years PT	Negotiable
Cardiovascular Medicine PhD/MSc by Research	PhD: 2:1 (Hons) in a relevant subject or 2:2 (Hons) plus Masters degree (with merit/distinction) MSc by Research: 2:1 (Hons) in a relevant subject	PhD/MSc by Research: £3,950 FT £1,975 PT	PhD/MSc by Research: £16,230 FT only	PhD: 3 years FT 6 years PT MSc by Research: 1 year FT 2 years PT	Negotiable
Clinical and Molecular Genetics PhD/MSc by Research	PhD: 2:1 (Hons) in a relevant subject or 2:2 (Hons) plus Masters degree (with merit/distinction) MSc by Research: 2:1 (Hons) in a relevant subject	PhD/MSc by Research: £3,950 FT £1,975 PT	PhD/MSc by Research: £16,230 FT only	PhD: 3 years FT 6 years PT MSc by Research: 1 year FT 2 years PT	Negotiable

# School of Clinical and Experimental Medicine

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
RESEARCH (continued)					
Medicine PhD/MD/MSc by Research	PhD: 2:1 (Hons) in a relevant subject or 2:2 (Hons) plus Masters degree (with merit/distinction) MSc by Research: 2:1 (Hons) in a relevant subject MD: MBChB or equivalent, plus honorary or substantive appointment at the University of Birmingham	£3,950 FT £1,975 PT MD: £1,975 PT only	£16,230 FT only MD: £8,115 PT only	PhD: 3 years FT 6 years PT MSc by Research: 1 year FT 2 years PT	Negotiable
Neuroscience and Neurophysiology PhD/MSc by Research	PhD: 2:1 (Hons) in a relevant subject or 2:2 (Hons) plus Masters degree (with merit/distinction) MSc by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£16,230 FT only	PhD: 3 years FT 6 years PT MSc by Research: 1 year FT 2 years PT	Negotiable
Obstetrics and Gynaecology PhD/MSc by Research	PhD: 2:1 (Hons) in a relevant subject or 2:2 (Hons) plus Masters degree (with merit/distinction) MSc by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£16,230 FT only	PhD: 3 years FT 6 years PT MSc by Research: 1 year FT 2 years PT	Negotiable
Paediatrics and Child Health PhD/MSc by Research	PhD: 2:1 (Hons) in a relevant subject or 2:2 (Hons) plus Masters degree (with merit/distinction) MSc by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£16,230 FT only	PhD: 3 years FT 6 years PT MSc by Research: 1 year FT 2 years PT	Negotiable
Pharmacology PhD/MSc by Research	PhD: 2:1 (Hons) in a relevant subject or 2:2 (Hons) plus Masters degree (with merit/distinction) MSc by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£16,230 FT only	PhD: 3 years FT 6 years PT MSc by Research: 1 year FT 2 years PT	Negotiable
Pharmacy PhD/MSc by Research	PhD: 2:1 (Hons) in a relevant subject or 2:2 (Hons) plus Masters degree (with merit/distinction) MSc by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£16,230 FT only	PhD: 3 years FT 6 years PT MSc by Research: 1 year FT 2 years PT	Negotiable
Physiology PhD/MSc by Research	PhD: 2:1 (Hons) in a relevant subject or 2:2 (Hons) plus Masters degree (with merit/distinction) MSc by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£16,230 FT only	PhD: 3 years FT 6 years PT MSc by Research: 1 year FT 2 years PT	Negotiable
Psychiatry PhD/MSc by Research	PhD: 2:1 (Hons) in a relevant subject or 2:2 (Hons) plus Masters degree (with merit/distinction) MSc by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£16,230 FT only	PhD: 3 years FT 6 years PT MSc by Research: 1 year FT 2 years PT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014–15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

The School has six major academic sections, encompassing education and research:

- Cardiovascular and Respiratory Sciences
- Endocrinology, Diabetes and Metabolism
- Medical Science and Education
- Neurotrauma and Neurodegeneration

- Pharmacy, Pharmacology and Therapeutics
- Reproduction, Genes and Development

The School is host to five research centres:

1. The Centre for Cardiovascular Sciences
2. The Centre for Endocrinology, Diabetes and Metabolism



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3. The Centre for Obesity Research
4. The Centre for Rare Diseases and Personalised Medicine
5. The Centre for Women's and Children's Health

Our research portfolio includes the following disciplines:

- Cardiology and Cardiovascular Sciences
- Clinical Pharmacy, Pharmaceutics and Medicinal Chemistry
- Anaesthetics and Intensive Care Medicine
- Respiratory Medicine
- Endocrinology, Diabetes and Metabolism
- Neurology, Psychiatry and Neurosciences
- Obstetrics, Gynaecology and Paediatrics
- Clinical Genetics
- Clinical Pharmacology and Therapeutics

We offer a range of postgraduate education opportunities including research and taught programmes. Opportunities are available on a full- or part-time basis leading to the qualifications of PhD, MSc by Research, MD, MSc, Postgraduate Diploma and Postgraduate Certificate. Continuing professional development (CPD) opportunities are also available as short study programmes.

### Scholarships and studentships

For research programmes, a number of studentships are available each year, funded by major sponsors including the British Heart Foundation (BHF), the Medical Research Council (MRC) and the Wellcome Trust, as well as national and local charities. UK/EU students should contact the School directly for further information. For general scholarship enquiries please consult the University's postgraduate funding database:

[www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

### Learn more

[www.birmingham.ac.uk/clinexpmed](http://www.birmingham.ac.uk/clinexpmed)

## Taught programmes

### Clinical Neuropsychiatry MSc/PGDip/PGCert

This is an interdisciplinary programme for experienced professionals working with people with neuropsychiatric

disorders associated with neurodegeneration, brain injury, and other neurological illness. It is also open to Psychology and other neuroscience graduates who want to develop their academic and clinical skills. It provides knowledge about the full range of neuropsychiatric disorders including assessment, diagnosis, treatment and prognosis. You will be taught about developments in clinical neuroscience as well as relevant ethical, legal and philosophical concerns. You will also learn to critically appraise the literature in this area. In the first year, part-time students attend for one afternoon per week for the first ten weeks and then two three-day blocks, followed by one afternoon per week in the last ten weeks. In the second year there are four three-day blocks and one afternoon per week in the final ten weeks. Full-time students attend all of the sessions in one year. Further details are available at: [www.birmingham.ac.uk/clinicalneuro](http://www.birmingham.ac.uk/clinicalneuro)  
Contact: Mrs Angela Oakley – +44 (0)121 415 8118;  
[clinicalneuro@contacts.bham.ac.uk](mailto:clinicalneuro@contacts.bham.ac.uk)

### Forensic Mental Health Studies MSc/PGDip/PGCert

This programme is designed for experienced professionals working in forensic mental health and those who are aspiring to work with mentally disordered offenders or patients who require similar services. It provides you with knowledge of the diverse needs of mentally disordered offenders; an in-depth understanding of service provision and development for mentally disordered individuals at various stages in the criminal justice system; skills in promoting empowerment and quality of life of service users; the ability to critically evaluate theory and practice, and an understanding of the roles and responsibilities of different agencies and disciplines involved in the care of mentally disordered offenders. Lectures are held at the University on one afternoon a week (part-time) and two afternoons a week (full-time). Further details are available at: [www.birmingham.ac.uk/forensic](http://www.birmingham.ac.uk/forensic)  
Contact: Ms Cath Bailey – +44 (0)121 414 4515;  
[forensic@contacts.bham.ac.uk](mailto:forensic@contacts.bham.ac.uk)

### Pharmaceutical Enterprise MSc

This programme is an applied multidisciplinary course designed for entrepreneurial high-achieving individuals with ambition to take leading roles in SME pharmaceutical companies. As the major

# School of Clinical and Experimental Medicine

pharma business model changes, established and emerging SME pharmaceutical companies are increasingly delivering novel candidate pharmaceuticals (small molecules and biologicals). This trend is expected to continue and offers a very nourishing environment for spin-out and other SME pharmaceutical companies that require high-calibre personnel who are knowledgeable about all aspects of pharmaceutical enterprise. The MSc Pharmaceutical Enterprise programme is delivered by experts in the field, many with ongoing experience of the sector; this ensures the programme maintains relevance in the fast-moving industry. The interactive teaching offers you access to the medical, scientific, regulatory and business knowledge required to achieve success. The potential to perform internships or participate in consultancy projects arising from SME companies offer highly prized 'real life' experiences. Further information is available at: [www.birmingham.ac.uk/pharmaenterprise](http://www.birmingham.ac.uk/pharmaenterprise)

Contacts:

Professor Nick Barnes – [pharmaenterprise@contacts.bham.ac.uk](mailto:pharmaenterprise@contacts.bham.ac.uk)  
Angela Oakley – +44 (0)121 415 8118

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## Physicians' Assistant (Anaesthesia) PGDip

This programme is for existing healthcare practitioners or graduates with a science background who wish to work as part of the anaesthetic team. The PA(A) is a health professional who will expand the anaesthetic service and make operating theatres work more efficiently. You will work alongside other members of the anaesthetic team and under the supervision of your consultant anaesthetist. Successful completion of the programme will be followed by three months of pre-registration work experience. Further details are available at:

[www.birmingham.ac.uk/paa](http://www.birmingham.ac.uk/paa)

Contact: Angela Oakley – +44 (0)121 415 8118;  
[paanaesthesia@contacts.bham.ac.uk](mailto:paanaesthesia@contacts.bham.ac.uk)

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## Diabetes and Obesity MSc/PGDip/PGCert

We are in the midst of a global epidemic of diabetes and obesity that creates a significant health burden to both the individual and society. Both conditions are tightly associated with each other and with increased morbidity and mortality. Estimates currently suggest that 26% of the population of the UK are obese and over two thirds are either overweight or obese; it is no longer normal to have a healthy body weight!

This programme will aim to provide healthcare professionals at all levels of training with state-of-the-art clinical knowledge and practical management skills (including clinical assessments, interviewing, case-based scenarios) to enhance the management of patients with obesity and type 2 diabetes that can immediately translate into benefits for individual patient care.

It will incorporate modules addressing the basic science underpinning the pathophysiology of these conditions and their complications together with modules focusing on optimal patient assessment and management, developing practical skills and adopting a patient-centred approach.

The programme will be taught on a part-time basis over two years and will include formal lectures, small group sessions, enquiry-based learning, workshops, seminars and clinical observation. You can opt for a Postgraduate Diploma or Certificate on completion of taught modules or an MSc on successful completion of a research dissertation. Full details are available at: [www.birmingham.ac.uk/diabetesobesity](http://www.birmingham.ac.uk/diabetesobesity)

Contacts:

Mrs Rachel Howes – +44 (0)121 414 3310;  
[r.howes@bham.ac.uk](mailto:r.howes@bham.ac.uk)  
Dr Jeremy Tomlinson – [j.w.tomlinson@bham.ac.uk](mailto:j.w.tomlinson@bham.ac.uk)

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## Trauma Sciences MSc/PGDip

*Programme under development*

This is a programme for specialist civilian and military doctors, nurses, physiotherapists, bioengineers, biomedical scientists and people from the pharmaceutical industry who wish to expand their scientific understanding of trauma and best current practice in its management and treatment. As well as core modules, there is lots of flexibility to choose modules and follow pathways that suit your own interests. The programme harnesses the expertise of civilian and military personnel in Trauma Science to deliver a cutting-edge course that links bench and bedside. The programme will be taught on a full-time basis over one year (with a part-time option over two years) and will include formal lectures, small group sessions, enquiry-based learning, workshops and seminars. You can opt for a Postgraduate Diploma on completion of the taught





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modules or an MSc on successful completion of extended laboratory or a practice-based research project. Full details are available at: [www.birmingham.ac.uk/trauma](http://www.birmingham.ac.uk/trauma)

Contacts:

Mrs Rachel Howes – +44 (0)121 414 3310;

[r.howes@bham.ac.uk](mailto:r.howes@bham.ac.uk)

Dr Zubair Ahmed – [z.ahmed.1@bham.ac.uk](mailto:z.ahmed.1@bham.ac.uk)

## Research programmes

### Biomedical Research – Integrative and Translational MRes

*In vivo* research provides the key translational step between basic medical science and clinical medicine. This new programme will equip you with the necessary ethos, critical evaluative skills and technical competence to pursue a research career in the *in vivo* sciences. At the beginning of the course, all students will be required to gain a Home Office Personal Licence (for which training is provided).

For full course details, visit: [www.birmingham.ac.uk/brit](http://www.birmingham.ac.uk/brit)

Contact: Ms Niki Windridge – +44 (0)121 414 4061;

[n.j.windridge@bham.ac.uk](mailto:n.j.windridge@bham.ac.uk)

### Pharmacy DPharm

The DPharm is a professional doctorate equivalent to traditional PhD, which aims to develop experienced, working registered pharmacists into effective researchers. This occurs through successful completion of appropriate distance e-based taught material, a systematic review of an agreed research theme and an action research project relevant to your area of practice. Successful completion optimises your position to achieve Consultant Pharmacist status and extend the research base in Pharmacy Practice and Medicines Management. It is designed specifically for Pharmaceutical Chemists who have gained significant professional experience (≥2 years or equivalent) who are active currently in a relevant area of practice and have opportunities to conduct action research within the work environment. These professionals often wish to develop a research element to their career without relinquishing their professional role.

For those entering with a postgraduate Masters, the DPharm will be normally completed over a period of four years part-time. Entry with a Postgraduate Diploma will add a further year of part-time taught research methods material, comprising three 20-credit modules in qualitative research methods, project management with research governance and research methods with statistics. All candidates will be fully supported by General Pharmaceutical Council (GPhC) registered research active supervisors from the academic staff. For full course details visit: [www.birmingham.ac.uk/dpharm](http://www.birmingham.ac.uk/dpharm)

Contacts:

John Marriott – +44(0)121 414 4094; [j.f.marriott@bham.ac.uk](mailto:j.f.marriott@bham.ac.uk)

Mrs Rachel Howes – +44 (0)121 414 3310;

[r.howes@bham.ac.uk](mailto:r.howes@bham.ac.uk)

### Medicine PhD/MSc by Research

#### Medicine MD

Current research covers a wide portfolio of basic, translational and clinical research focusing on the following areas:

- Cardiovascular and Respiratory Sciences
- Endocrinology, Diabetes and Metabolism
- Medical Science and Education:
  - Anaesthetics and Intensive Care Medicine
- Neurotrauma and Neurodegeneration
- Neurotrauma
- Neurodegenerative Diseases
- Neuronal Networks and Epilepsy
- Psychiatric Disorders
- Pharmacy, Pharmacology and Therapeutics
- Reproduction, Genes and Development

### Cardiovascular and Respiratory Sciences

This area has four main research themes:

#### ■ Clinical Cardiovascular Science

The key areas of study are pathophysiology of heart failure, novel techniques for cardio-protection during surgery and following ischemic reperfusion injury, the role of thrombosis and haemostasis in atrial fibrillation, and new approaches to management of life-threatening cardiac arrhythmias.

# School of Clinical and Experimental Medicine

## ■ **Cardiorespiratory Integration and Control (CRIC)**

The research focuses on the physiological and pathological processes underlying systemic cardiovascular and respiratory homeostasis in health and disease. The group is particularly distinguished by its use of *in vivo* techniques and its emphasis in systemic integration. A key topic is the impact of acute and chronic disturbances of oxygen delivery and utilisation in human and animal models.

## ■ **Vascular Inflammation, Thrombosis and Angiogenesis (VITA)**

In this theme the key areas of research are platelet biochemistry and clinical platelet bleeding disorders, physiology and cancer-regulated angiogenesis, with special interest in endothelial-specific genes, and the roles of leukocyte-endothelial cell interactions in vascular pathology.

## ■ **Clinical Respiratory Sciences**

The research centres on inflammatory mechanisms in chronic and acute lung injury, in disorders including chronic obstructive pulmonary disease, vasculitis and interstitial lung disease. Particular emphasis is on the role of neutrophil differentiation, activation and recruitment, and of proteinases and proteinase inhibitors in lung damage.

### Research interests:

- Molecular mechanisms underlying platelet activation in health and disease
- Peripheral, arterial and venous diseases; evaluating standard/endoscopic surgical techniques in treatment of chronic venous insufficiency; role of arterial wall motion abnormalities in the pathogenesis of atherosclerosis/aneurismal disease; development of complications in patients undergoing major vascular surgery
- Monitoring microcirculatory disturbances associated with inflammatory conditions (ischaemia-reperfusion (I/R) injury)
- Mechanisms underlying cardioprotection following myocardial ischaemia reperfusion injury
- Mechanisms underlying oxygen sensitivity in carotid body and pulmonary artery
- Regulation of the circulation in normal human subjects and in patient groups

- Adhesive and mechanical properties of circulating blood cells
- *In vitro* modelling of the cellular pathology of atherosclerosis
- Atrial fibrillation (epidemiology, pathophysiology, thromboprophylaxis, and psychological morbidity), hypertension, heart failure and clinical/experimental thromboembolism
- Molecular mechanisms of heart disease as a basis for translational approach to cardiology
- Mechanisms of heart disease; translational research towards mechanism-based therapies of cardiovascular diseases
- Molecular genetics of patients with platelet bleeding and low platelet counts (thrombocytopaenia)
- Molecular regulation of angiogenic factors and cognate receptors
- Stroke and bleeding risk in atrial fibrillation
- Regulation of skeletal muscle blood flow
- Role of growth factors in lung epithelial repair; relationship between infection and inflammation in acute lung injury
- The role of the vitamin D axis in the lung; genetic and environmental influences on lung disease
- Enhanced recovery/rehabilitation for surgery; Mechanism, detection and therapy of post operative acute lung injury
- Platelet protein tyrosine phosphatases and how they regulate platelet activation and thrombosis
- Role of neutrophilic inflammation in chronic obstructive pulmonary disease (COPD)

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## Endocrinology, Diabetes and Metabolism

The major themes of research include:

- Endocrine Cancer
- Steroid Hormone Action
- Diabetes, Obesity and Metabolism
- Clinical Thyroid Research

Current initiatives in this area are funded by major awards from the MRC, the Wellcome Trust and the European Commission to study:

- Steroid hormone synthesis, metabolism and action
- Metabolism and action including the elucidation of adrenal and gonadal function and its disorders
- Genetics of endocrine autoimmune disease (in partnership with the Wellcome Trust Case Control Consortium)



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A range of programme level research is also being undertaken in the following areas:

- Diabetes, obesity and metabolism
- Fetal and reproductive endocrinology
- Thyroid tumourigenesis
- Molecular investigations of endocrine and hormone-dependent cancer predisposition and pathology

### Research interests:

- Pathogenesis, treatments and long term outcomes of thyroid dysfunction
- Pathogenesis of thyroid and other endocrine cancers
- Prereceptor regulation of sex steroid action; mechanisms underlying androgen excess and deficiency
- Mechanisms underlying congenital adrenal hyperplasia, gonadal development
- Glucocorticoids, insulin sensitivity and obesity
- Diagnosis, treatment and prognosis in hypopituitarism, acromegaly and Cushing's disease
- Mechanisms of insulin resistance in autoimmunity and type 1 diabetes
- Microvascular diabetes complications – pathogenesis and treatment
- Regulation of glucocorticoid hormone metabolism and intracellular glucose utilisation
- Effects of sex steroids in colorectal cancer; glycolytic inhibitors as an anti-cancer treatment
- The epidemiology and metabolic consequences of sleep disorders; Diabetes microvascular complications – pathogenesis and treatment and Obesity – pathogenesis, complications and management

### Medical Science and Education:

#### Anaesthetics and Intensive Care Medicine

We collaborate closely in vocational postgraduate education with the Royal College of Anaesthetists, the Faculty of Intensive Care Medicine and the Committees for Higher Professional Training in both Anaesthesia and Intensive Care. We have office and clinical accommodation in the Queen Elizabeth Hospital Birmingham, and laboratory accommodation in the adjacent College of Medical and Dental Sciences.

### Research interests:

- Human factors research (systems and behaviours) to integrate clinical trials, education, and implementation sciences in improving the reliability of care of acutely and critically ill patients and their families.
- Roles of statins, lipoxin and probiotics for sepsis, acute lung injury and ventilator associated pneumonia (VAP); effects of anaesthetic techniques on chronic pain and postoperative delirium; and effects of depth of anaesthesia on natural killer and VAP.

### Neurotrauma and Neurodegeneration

Translational neuroscience research brings together world-class clinical and experimental scientists with expertise in diverse aspects of neurobiology. From molecular and cellular aspects, to the brain as a whole, through the extensive network of neural connections across the body, our aim is to understand how these biological underpinnings interact with psychological and social factors to cause the neurological and psychiatric disorders associated with neurotrauma and other neurodegenerative conditions.

### Neurotrauma

Trauma to the brain, spinal cord and eye, while presenting diverse clinical challenges and management approaches, by and large shares common mechanisms, epidemiology and several pathophysiological aspects. The Neurotrauma research group encompasses laboratory scientists, clinicians and biotechnologists who share expertise, knowledge and solutions. The Neurotrauma group carries out translational research to address the challenges of military and civilian trauma, and to underpin clinical studies at the National Institute for Health Research Surgical Reconstruction and Microbiology Research Centre (NIHR SRMRC), the Birmingham Clinical Trials Unit and the Wellcome Trust Clinical Trials Facilities in Birmingham or at national and international collaborating institutions.

### Research groups:

- Traumatic Brain and Spinal Cord Injury
- Ocular Injury
- Cerebrospinal Fluid Disorders
- Glial Cell Biology and Remyelination
- Stem Cells in CNS Injury

# School of Clinical and Experimental Medicine

## Neurodegenerative Diseases

Neurodegeneration encompasses a large group of diseases associated with specific pathology and neuronal death in different parts of the nervous system. Our team works on a wide range of topics relating to acute and chronic neurodegenerative diseases. Current research programmes are concerned with the genetics and cellular pathology of neurodegenerative diseases such as Alzheimer's disease, Parkinson's disease, motor neurone disease, multiple sclerosis and glaucoma.

Based on our understanding of the cellular pathology associated with these diseases we aim to develop early disease biomarkers and novel therapeutic interventions, including gene therapy. The variety of basic research programmes is complemented by clinical programmes, including therapeutic trials in dementia, motor neurone disease and Parkinson's disease. The clinicians of the team have established valuable DNA and serum banks (PD, MND, PSP, MSA) and initiated sample collection from dementia patients for the local tissue repository.

Research groups:

- Dementia
- Parkinson's disease
- Motor neurone disease
- Glaucoma
- Multiple sclerosis

## Neuronal Networks and Epilepsy

How the brain works is one of the most challenging questions facing mankind. When it malfunctions it can produce challenging diseases such as epilepsy. The integrated operation of the large and complex networks of brain cells (neurons and glia) are crucial for normal brain function and for understanding neurological diseases. The group uses cutting-edge technologies to address the dynamic interactions of neurons and glia organised functional neural networks in the mammalian brain. We focus on normal brain mechanisms in health and their dysfunction in diseases, feeding into the translational pathway

towards clinical application. Perhaps the most dramatic dysfunction of neuronal network dynamics is during the seizures found in epilepsy.

Epilepsy is a common serious neurological condition raising substantial unmet clinical needs. It is associated with extreme network dynamics of hippocampus and other cortical structures during seizures. We mainly work on temporal lobe epilepsy, which in most cases depends on non-traumatic precipitating events. Key questions include the structural and functional changes of neurons and glia in chronic epileptic foci, and potential biomarkers to improve epilepsy surgery.

Neuronal networks and the dynamics of their operation play critical roles in normal (physiological) function, for instance in the physiological oscillations associated with many behaviours, or more specifically gamma oscillations associated with cognition. Disruption of these networks helps explain the functional consequences of a range of states including: developmental disorders, normal ageing, exposure to psychoactive drugs, and movement disorders due to dysfunction of basal ganglia and motor cortex.

We believe that a multidisciplinary approach spanning molecular biology to behaviour, offers the best way to understand the complex nature of brain function and malfunction. To achieve this goal we exploit the latest optogenetic and electrophysiological techniques *in vitro* and *in vivo*, advanced neuroanatomy, and computational approaches using extensive state-of-the-art equipment in our specialised laboratories.

Research groups:

- Epilepsy
- Neuronal Networks

## Psychiatric Disorders

Our focus is on improving understanding and management of mental illnesses. Our work ranges from understanding the basic biological, psychological and social underpinnings of mental



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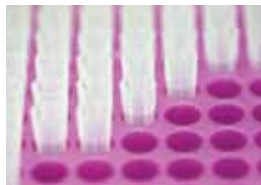
illness to evaluating the services in which patients are treated. Our overriding aim is to conduct high-quality translational research which improves the lives of those affected by mental illness.

### Research groups:

- Mood Disorders
- Neuropsychiatry
- Schizophrenia and Psychosis
- Ethnicity, Disability and Health

### Research interests:

- Investigation of the molecular mechanisms underlying chronic neurodegenerative diseases such as Parkinson's and motor neurone diseases; candidate gene screening approaches to various neurological disorders
- Clinical trials of therapies in Parkinson's and motor neurone diseases
- Cellular and genetic mechanisms underlying Alzheimer's disease; developmental causes of epilepsy
- Acute trauma, and neurodegeneration; understanding mechanisms of natural ageing; evaluation of novel gene- and cell-based therapeutic strategies for central nervous system (CNS) repair
- Basic mechanisms of temporal lobe epilepsy; fast physiological oscillations associated with cognition; physiology and pathophysiology of prion protein; effects of electric fields on brain function; pathophysiology of X-linked mental retardation
- Structure and operation of cortical networks investigated by cellular electrophysiology, immunohistochemistry, and light and electron microscopy; physiological oscillations associated with cognition; basic mechanisms of epilepsy; quantification of synaptic networks
- Basic mechanisms of temporal lobe epilepsy; fast physiological oscillations associated with cognition; neurophysiology of normal ageing
- Understanding the fundamental biology of the failure of CNS axon regeneration



- Role of steroid hormones in intracranial pressure regulation
- Understanding the mechanisms of acute brain injury, and biomarker research for patient stratification and personalised treatment
- Evaluation of strategies to deliver gene biotherapeutics to the injured central nervous system (CNS) to better understand the role in scarring and neural regeneration
- Metabolism in neurodegenerative disorders
- Clinical and neuropsychological investigation of mood disorders and functional psychosis; neuropsychiatric genetics
- The investigation of schizophrenia and psychosis, with particular emphasis on the importance of 'co-morbidities' and outcomes, for example the relevance of depression, anxiety, post-traumatic stress disorder (PTSD), suicidal thinking and deliberate self-harm

### Pharmacy, Pharmacology and Therapeutics

The Pharmacy, Pharmacology and Therapeutics theme plays a major role in three broad areas of research, education and clinical activity within the School of Clinical and Experimental Medicine, offering a lively and stimulating academic environment in which researchers, professionals and students interact. All are connected by an interest in medicines – how they work, how they are made and how they are used by people to prevent and treat disease.

Particularly relevant to this theme is our wide-ranging expertise in Neuropharmacology, Pharmacology and Therapeutics along with Pharmacy which will have a wide impact in prescribing, medicines optimisation and research being able to augment clinical pharmacology and translational research providing novel drug delivery systems and medicine formulations. Our research focuses on advancing and understanding medicines and health care, and in creating new medicine. Our major research groups are:

- Clinical Pharmacy and Pharmaceutics
- Neuropharmacology
- Clinical Pharmacology and Therapeutics

# School of Clinical and Experimental Medicine

Pharmacology Research specialisms are in modern cellular and molecular techniques, with an emphasis on neuropharmacology. Research areas include radioligand binding and autoradiography; *in situ* hybridisation; immunocytochemistry; microdialysis; cell culture; neurotransmitter, enzyme, second messenger and metabolite assays; cellular morphometry; pharmacodynamics modelling; cDNA cloning and site-directed mutagenesis.

Pharmacy provides a broad range of subjects; these include clinically oriented practice research such as medicines adherence, drug safety, palliative and end of life care, paediatric medicines use, rational antibiotic use, safe prescribing and pharmacy/inter-professional education, as well as laboratory-based and translational areas such as inhaled drug delivery, formulation of children's medicines, and pharmacokinetics.

## Research interests:

- Neurochemical correlates for neurological and psychiatric disorders, and role of 5-HT systems
- The pharmacology of pain and pain relief
- The pharmacology and physiology of peripheral autonomic transmission; particularly the regulation of calcium in sympathetic nerve terminals and smooth muscle
- Clinical use of medicines in paediatrics, and their development; medicines adherence, pharmaceutical risk; rational prescribing, and the rational use of antibiotics
- Development of inhalation formulations, to increase stability and respirable fraction and improve targeting to central and alveolar regions of the lung to enhance local and systemic delivery
- Pharmacovigilance systems and drug safety, how they impact on patient outcomes, including adherence, and methods of mitigating such risks
- Pharmaceutical care and clinical pharmacy, particularly related to symptom control end of life care; educational research and inter-professional education
- Pathophysiology of disorders of the brain; potential treatments and the impact this has on normal brain function

- Understanding and manipulating cell signalling through chemistry to identify new drug targets and develop new drug molecules
- Hypoalgesia, sensory, motor and cognitive function in hypertension; blood pressure variability; adverse drug reactions and responses to antihypertensive medication
- Medication safety and adverse drug reactions; including pharmacoepidemiology, electronic prescribing/health informatics, and clinical decision support methods
- The development and engineering of drug delivery systems to efficaciously target diseased areas and nanotoxicology which allows for the design of safe drug delivery systems
- Design, synthesis and development of kinase inhibitors as potential treatments for glioblastoma and neuronal injury
- Development of new drug delivery systems and the evaluation of their behaviour in a physiological environment

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## Reproduction, Genes and Development

Reproduction, Genes and Development reflects three broad areas of research, education and clinical activity:

### Obstetrics and Gynaecology

Clinical Gynaecology includes basic science research into the pathophysiology of abnormal uterine bleeding, causes and treatments of pelvic floor and endometriosis. There is a major focus on systematic reviews and trials in several key areas of obstetrics, gynaecology and paediatrics. This group is also badged as the WHO Perinatal Trials Unit. The area of subfertility and reproductive medicine is underpinned by work investigating causes of subfertility, including male gamete production and differentiation, tubular gamete interaction and oocyte production and differentiation. There are cross-college collaborations with Biosciences as well as the stem cell group with the College along with basic science and clinical research into the causes of recurrent pregnancy loss. There is a major research interest in fetal medicine and development including fetal endocrinology, steroid hormone action on the fetus and placenta, modulation of the maternal immune system, fetal microchimerism and clinical fetal medicine.





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### Paediatrics and Child Health

Current research covers a wide portfolio of basic, translational and clinical research focusing on endocrinology, and neonatal medicine, with all the major paediatric sub-specialties active in research (for example nephrology, neurology, gastroenterology and dietetics). Ongoing studies employ a broad range of approaches including clinical experimental, database and qualitative studies. Opportunities in the sub-specialty have been enhanced by the development of our satellite Wellcome Trust Paediatric Clinical Research Facility on the Birmingham Children's Hospital site.

### Clinical and Molecular Genetics

The sequencing of the human genome and advances in high-throughput genetic technologies have provided unrivalled opportunities for research in human genetics. The Medical and Molecular Genetics group offers a thriving research environment for genetics research with expertise in gene identification, functional genomics and animal models of human diseases. Research is grouped into two complementary and overlapping fields: cancer genetics and genome stability and developmental and metabolic genetics, and epigenetics and imprinting. Facilities include high throughput DNA sequencing and microarray platforms, the National Autozygosity Mapping resource, and zebrafish models of disease facility.

#### Research interests:

- Genome stability and DNA repair
- Cancer genetics and epigenetics; molecular and functional characterisation of tumour suppressor genes
- Gene regulation in development; cis-regulatory codes of developmental gene expression
- Genetics of inherited diabetes syndromes
- Fetal medicine
- Minimal invasive gynaecological endoscopy and endometriosis
- Reproductive biology and genetics
- Reproductive medicine and miscarriage research
- Improving pregnancy-related maternal and fetal outcomes both at the short and longer term – perineal trauma and fetal epigenetics

- Thyroid hormones and thyroid dysfunction in pregnancy
- Genetics of diabetes and rare forms of diabetes; clinical studies in childhood diabetes; paediatric endocrinology and diabetes; genetics of inherited diabetes syndromes
- Neonatal medicine
- Genetics and molecular pathogenesis of different forms of congenital adrenal hyperplasia
- Cellular basis of neurodegeneration
- Maternal infection and immunity, the problem of recurrent miscarriage and global maternal health

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
**[www.birmingham.ac.uk/drps](http://www.birmingham.ac.uk/drps)**

'I have been able to develop a wide range of generic research skills beyond the specific focus of my project. Regular breakfast seminars in the School are a great forum for learning from the progress other research students are making. Good interaction with senior clinical academics has also provided excellent mentoring and tutoring, laying the foundations for my future career. The School is a dynamic, varied and stimulating research training environment.'

**James Davison**, PhD, School of Clinical and Experimental Medicine

# School of Dentistry

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Advanced General Dental Practice MSc/PGDip/PGCert	A dental qualification registerable with the UK General Dental Council and satisfactory references. Applicants should be working in a practice or clinic seeing a sufficient number of patients to complete case reports	£950 per 10 credit module	Applicants must be dental practitioners working in the UK	Part-time (one afternoon per week) over a period of up to 5 years	10/14
Advanced General Dental Practice MSc by DL/PGDip by DL/PGCert by DL	A primary degree in dental surgery or equivalent qualification and two professional references. Applicants should be working in a practice or clinic seeing a sufficient number of patients to complete case reports	Full MSc fee: £21,000, payable over 3 years	Full MSc fee: £21,000, payable over 3 years	3 years PT	02/14
RESEARCH					
Dentistry PhD/MSc by Research	PhD: 2:1 (Hons) in a relevant subject or 2:2 (Hons) plus Masters degree (with merit/distinction) MSc by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£16,230 FT only	PhD: 3-4 years FT 6 years PT MSc by Research: 1 year FT 2 years PT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014-15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

If you want to be involved in world-class research; if you want to get an internationally acclaimed degree in the dental and biomaterials professions; Dentistry at Birmingham UK is the first choice for scientists, professionals, and leading students everywhere. We are a thriving institution with a large number of postgraduate doctoral research students and support staff, and well placed to meet the demands and challenges of the future.

## Facilities

Our facilities are first class and include modern, well-equipped laboratories in which a broad range of dental research can be undertaken. These are further complemented by access to specialist equipment elsewhere within the University. A programme of infrastructure development has recently led to enhancement of cell culture facilities and a new molecular biology laboratory. Use of modern IT facilities is encouraged through provision of a specialist computer suite.

The School is at the forefront of e-learning with its award-winning e-course (*THEs* Outstanding ICT Initiative of the Year, sponsored by the Joint Information Systems Committee – JISC). Specialist dental library facilities are also available. Based in the School of Dentistry, which is combined with Birmingham Dental Hospital in

the city centre, the institution has the largest patient attendances in Britain and is the major dental, clinical and laboratory reference centre in the West Midlands.

## Postgraduate study

You may study for a doctoral research degree (PhD, MSc by Research), or choose a taught Masters (MSc) degree in Advanced General Dental Practice (campus-based and distance learning versions available). Our research teams bring together clinical and non-clinical researchers in partnerships that provide an opportunity to link together a range of multidisciplinary expertise. This approach allows a particularly strong and supportive environment in which you can undertake your training and benefit from interaction with leading researchers. For further information on opportunities in Dentistry and to discuss research proposals contact: [pgden@contacts.bham.ac.uk](mailto:pgden@contacts.bham.ac.uk)

## Scholarships and studentships

Please contact the School directly or visit our online postgraduate funding database: [www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

## Learn more

[www.birmingham.ac.uk/dentistry](http://www.birmingham.ac.uk/dentistry)



## Course finder Apply online (see pages 24–25)



### Taught programmes

#### Advanced General Dental Practice MSc/PGDip/PGCert

This campus-based programme has been running successfully for 12 years, and caters for general dental practitioners wishing to enhance their clinical skills and knowledge. The course timetable is designed to fit the demands of the general dental practitioner, with the teaching being scheduled on Wednesday afternoons. The modular structure provides a compulsory core, covering areas such as contemporary dental practice, and the selection and application of new materials and technologies. You will also design and carry out a research or audit project of your choosing with full academic support from specialists relevant to your subject. Further details are available at [www.birmingham.ac.uk/dentalpractice](http://www.birmingham.ac.uk/dentalpractice)

Contact: Professor Trevor Burke – +44 (0)121 466 5476;  
f.j.t.burke@bham.ac.uk

#### Advanced General Dental Practice (Distance Learning)

MSc/PGDip/PGCert

This distance learning programme is based on our campus-based Masters course (see above). You will design and carry out a literature review and clinical audit project of your choosing and present a clinical case you have treated with full academic support from specialists relevant to your subject. Further details are available at: [www.birmingham.ac.uk/dentalpractice-distance](http://www.birmingham.ac.uk/dentalpractice-distance)

Contact: Professor Trevor Burke – +44 (0)121 466 5476;  
f.j.t.burke@bham.ac.uk

### Research programmes

#### Dentistry PhD/MSc by Research

Birmingham has world-class clinical dental expertise, particularly in areas of endodontic, periodontal and restorative treatments, providing a focus for international collaborations with visiting professors and researchers from leading institutions worldwide. Our research is broadly divided into three main areas:

- Biomaterials – biomaterials, restorative dentistry, and oral and maxillofacial surgery

- Primary Dental Care – dental public health, behavioural sciences, primary care, and orthodontics
- Tissue Injury and Repair – oral biology and pathology, restorative and children's dentistry, and periodontology

Our research has a strong translational focus, being driven by clinical questions, and aims to provide novel diagnostic and therapeutic solutions to the most common oral and general health problems. We employ cutting-edge technologies within state-of-the-art laboratories to explore disease mechanisms, improve our understanding of pathogenic processes, and formulate new healthcare solutions based upon this new knowledge.

Examples of our research include:

- Demonstrating the importance of growth factors and other bioactive molecules sequestered within dental tissues in driving tissue responses to disease and clinical outcomes for the tooth.
- Development of novel treatments for dental/oral tissue repair based on stem cell and biomaterial tissue regenerative technologies.
- Leading research into the redox biology of oral diseases and how micronutritional strategies can regulate oral inflammation.
- Pioneering the development of assays for biomarkers of periodontitis, leading to the development of diagnostic technologies in routine clinical use.
- Epidemiological research on the links between chronic periodontitis and systemic disease, in particular rheumatoid arthritis and chronic kidney disease.
- Pioneering involvement in National Dental Health Surveys (Office of National Statistics) for children and adults leading to the unravelling of major trends in oral disease patterns over 30 years – crucial to informing future oral healthcare policy and directing NHS resources to those in most need.
- Development of novel digital image processing/analysis techniques in oral pathology to provide accurate, evidence-based diagnostic decisions and reliable prognostic tools for oral cancer.
- The epigenetics of oral squamous cell carcinoma (OSCC) and the role of chronic inflammation in the origins of OSCC.

# School of Dentistry

- Development of novel dental and orthopaedic materials to improve the longevity of dental restorations and the outcome of many orthopaedic procedures.
- Research into the removal of biofilms from various surfaces including tooth and implant surfaces. The removal process of biofilm via ultrasonic instruments and powered toothbrushes, is under investigation. The aim is to influence the design and development of ultrasound dental instruments and improve patient care.
- Prevalence studies in children and adolescents on dental erosion and tooth wear and their causes, underpinned by laboratory mechanistic studies on both erosion and toothpaste abrasivity.

- Research on the nature and role of education in dentistry, particularly the role and impact of mobile.

For further information please visit our website:

[www.birmingham.ac.uk/dentistry](http://www.birmingham.ac.uk/dentistry)

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
[www.birmingham.ac.uk/drps](http://www.birmingham.ac.uk/drps)



'During my undergraduate degree I realised I was most interested in population health, and the Masters in Public Health was a good way of exploring that, while also gaining a qualification for a job in the healthcare field. Birmingham seemed like a really good place to do it; it's got a really good reputation and you get lots of flexibility when choosing the modules you want to do.'

**Anna Quinn**, Masters in Public Health (MPH), School of Health and Population Sciences.

**LEARN MORE** [www.birmingham.ac.uk/pgprofiles](http://www.birmingham.ac.uk/pgprofiles)

# School of Health and Population Sciences

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Clinical Primary and Community Care MSc/PGDip/PGCert	A relevant first degree or equivalent professional qualification. You must be working in the UK NHS	MSc: £5,940 FT £2,970 PT PGDip: £3,960 FT £1,980 PT PGCert: £1,980 FT/PT	£17,355 FT only	1 year FT 2 years PT 5 years flexible Tuition will mostly be in blocks of one week	09/14
Health Economics and Health Policy MSc/PGDip	A 2:1 or above, or an equivalent professional qualification and professional experience. Appropriate career experience may also be taken into account, especially health services managerial experience, favourable reports from academic referees or proven ability in research or publication	MSc: £5,940 FT £2,970 PT PGDip: £3,960 FT £1,980 PT	£13,655 FT only	1 year FT 2 years PT Tuition is delivered via block sessions of 3 or 5 days	09/14
Occupational Health MSc/PGDip	A relevant degree or equivalent professional qualification and experience	MSc: £5,940 FT £2,970 PT PGDip: £3,420 FT £1,980 PT	£17,355 FT only	1 year FT 2 years PT	09/14
Physician Associate Studies PGDip	A 2:1 in a life science degree (eg, Biology, Nursing, Physiotherapy) or equivalent qualification. A level Chemistry grade C, or equivalent, GCSE Maths and English grade B or equivalent	£9,000 FT only	£22,000 FT only	2 years FT	01/14
Public Health MPH/PGDip/PGCert	MPH: A good first degree in a relevant subject (most biological sciences). Applications also welcome from UK medical students who wish to intercalate  PGDip: as above, or a relevant professional qualification or sufficient Public Health experience (eg, nursing)	MPH: £9,210 FT £4,605 PT PGDip: £6,140 FT £3,070 PT Applicants need to pay a £500 non-refundable deposit at the point of accepting an offer to study. The deposit is deducted from the fees	£17,355 FT only Applicants need to pay a £500 non-refundable deposit at the point of accepting an offer to study. The deposit is deducted from the fees	1 year FT 2 years PT Or up to 5 years by credit accumulation	09/14
Public Health (Health Technology Assessment) MPH/PGDip/PGCert	MPH: A 2:1 (Hons) in Medicine or a relevant subject (eg, a life science). Experience of working in public health or a related field is an advantage.  PGDip/Cert: a relevant professional qualification (eg, RGN), or experience of working in a related field	MPH: £9,210 FT £4,605 PT PGDip: £6,140 FT £3,070 PT Applicants need to pay a £500 non-refundable deposit at the point of accepting an offer to study. The deposit is deducted from the fees	£17,355 FT only Applicants need to pay a £500 non-refundable deposit at the point of accepting an offer to study. The deposit is deducted from the fees	1 year FT 2 years PT Or up to 5 years flexible	09/14
Public Health (International) MPH/PGDip/PGCert	This programme is under development. Please contact the School for the latest information	Please contact the School for the latest information	Please contact the School for the latest information	Please contact the School for the latest information	09/14
Public Health – Statement of Extra Accredited Learning (SEAL) MPH	A good first degree in a relevant subject (most biological sciences). Applications are also welcome from UK medical students who wish to intercalate	£11,070 FT £5,535 PT Applicants need to pay a £500 non-refundable deposit at the point of accepting an offer to study. The deposit is deducted from the fees	£19,970 FT only Applicants need to pay a £500 non-refundable deposit at the point of accepting an offer to study. The deposit is deducted from the fees	1 year FT 2 years PT Or up to 5 years by credit accumulation	09/14

# School of Health and Population Sciences

FT Full-time  
PT Part-time  
DL Distance Learning

Programmas	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT (continued)					
Science of Occupational Health, Safety and the Environment MSc/PGDip	A 2:1 (Hons) in an appropriate subject, or a lesser degree followed by at least 2 years approved postgraduate experience. We will also consider relevant PGDips (eg, CIEH Dip)	MSc: £5,940 FT £2,970 PT PGDip: £1,980 PT	£17,355 FT only	MSc: 1 year FT PT routes available	09/14
RESEARCH					
Health Research MRes	2:1 (Hons) in a heathcare-related subject or a professional qualification or work experience in a relevant health-related area, plus current registration with an appropriate healthcare regulatory body (eg, NMC, GMC, BPS or HCPC), plus 18 months' post-qualification experience	£3,950 FT £1,975 PT	£16,230 FT only	1–2 years FT 2–4 years PT	29/09/14
Biomedical Ethics PhD/MSc by Research	PhD: 2:1 (Hons) in a relevant subject or 2:2 (Hons) plus Masters degree (with merit/distinction) MSc by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£16,230 FT only (laboratory) £12,565 FT only (classroom)	PhD: 3 years FT 6 years PT MSc by Research: 1 year FT 2 years PT	Negotiable
Health Economics PhD/MSc by Research	PhD: 2:1 (Hons) in a relevant subject or 2:2 (Hons) plus Masters degree (with merit/distinction) MSc by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£16,230 FT only (laboratory) £12,565 FT only (classroom)	PhD: 3 years FT 6 years PT MSc by Research: 1 year FT 2 years PT	Negotiable
History of Medicine PhD/MSc by Research	PhD: 2:1 (Hons) in a relevant subject or 2:2 (Hons) plus Masters degree (with merit/distinction) MSc by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£16,230 FT only (laboratory) £12,565 FT only (classroom)	PhD: 3 years FT 6 years PT MSc by Research: 1 year FT 2 years PT	Negotiable
Nursing PhD/MSc by Research	PhD: 2:1 (Hons) in a relevant subject or 2:2 (Hons) plus Masters degree (with merit/distinction) MSc by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£16,230 FT only (laboratory) £12,565 FT only (classroom)	PhD: 3 years FT 6 years PT MSc by Research: 1 year FT 2 years PT	Negotiable
Occupational and Environmental Medicine PhD/MSc by Research	PhD: 2:1 (Hons) in a relevant subject or 2:2 (Hons) plus Masters degree (with merit/distinction) MSc by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£16,230 FT only (laboratory) £12,565 FT only (classroom)	PhD: 3 years FT 6 years PT MSc by Research: 1 year FT 2 years PT	Negotiable
Primary Care Clinical Sciences PhD/MSc by Research	PhD: 2:1 (Hons) in a relevant subject or 2:2 (Hons) plus Masters degree (with merit/distinction) MSc by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£16,230 FT only (laboratory) £12,565 FT only (classroom)	PhD: 3 years FT 6 years PT MSc by Research: 1 year FT 2 years PT	Negotiable
Public Health, Epidemiology and Biostatistics PhD/MSc by Research	PhD: 2:1 (Hons) in a relevant subject or 2:2 (Hons) plus Masters degree (with merit/distinction) MSc by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£16,230 FT only (laboratory) £12,565 FT only (classroom)	PhD: 3 years FT 6 years PT MSc by Research: 1 year FT 2 years PT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014–15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.





## Course finder [Apply online](#) (see pages 24–25)

Health and Population Sciences at Birmingham includes the following areas:

- Health Economics
- Nursing
- Occupational and Environmental Medicine
- Primary Care Clinical Sciences
- Public Health, Epidemiology and Biostatistics

### Health Economics

The University of Birmingham has a strong tradition in the field of Health Economics, with research and teaching in this field spanning some 30 years. The Health Economics Unit seeks to inform policy and resource allocation in the NHS and to guide research methodology through undertaking, promoting and facilitating high-quality health economics research.

### Nursing

The main focus of postgraduate provision in the Department of Nursing is the MRes Health Research programme. This programme provides a first step in research training for health professionals working in clinical practice who wish to develop a health-related research component in their work. A range of other postgraduate modules and programmes can be accessed including the MSc Health Studies.

### Occupational and Environmental Medicine

Occupational and Environmental Medicine delivers both outstanding teaching for postgraduates and health professionals and conducts leading research in a variety of occupational and environmental disciplines.

The teaching activities include postgraduate academic programmes, for example an internationally renowned full- and part-time graduate course leading to an MSc in Occupational Health and a number of CPD courses which are approved by the Faculty of Occupational Medicine (FOM) eg, two-week Diploma in Occupational Medicine. Other CPD programmes include hand arm vibration syndrome, occupational mental health, practical ergonomics and contact dermatitis.



### Primary Care Clinical Sciences (PCCS)

Primary Care Clinical Sciences at Birmingham is one of the largest centres for academic primary care in Europe – focusing on applied and translational research under five main clinical programmes including: Behavioural Medicine and Mental Health; Cancer and Chronic Disease; Cardiovascular Disease; Rehabilitation and Healthcare Quality. In addition to these are the following cross-cutting methodological themes: Outcomes Research; Qualitative Research and Ethnicity and Health.

### Public Health, Epidemiology and Biostatistics

Public Health, Epidemiology and Biostatistics developed from the original Department of Social Medicine established in 1946. It is home to a wide range of academic public health activities, including: Epidemiological and Health Services research including Health Technology Assessment and Public Health Resource Development and academic training for public health trainees.

### Scholarships and studentships

For postgraduate studentships in Health and Population Sciences, please contact the School directly, or visit our online postgraduate funding database: [www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

Learn more

[www.birmingham.ac.uk/haps](http://www.birmingham.ac.uk/haps)

### Taught programmes

#### Clinical Primary and Community Care MSc/PGDip/PGCert

This unique programme is suitable for doctors, nurses and any other healthcare professionals aiming to acquire specialised skills and qualifications in primary and community care. It provides you with the skills and academic requirements for specialist clinical practice within the community as well as research skills and health service evaluation. For further information visit:

[www.birmingham.ac.uk/cpsc](http://www.birmingham.ac.uk/cpsc)

Contacts:

Dr Helen Stokes-Lampard – +44 (0)121 414 2953;

[h.j.stokeslampard@bham.ac.uk](mailto:h.j.stokeslampard@bham.ac.uk)

Ms Amy Partleton – +44 (0)121 414 2677;

[cpsc@contacts.bham.ac.uk](mailto:cpsc@contacts.bham.ac.uk)

# School of Health and Population Sciences

## Health Economics and Health Policy MSc/PGDip

This programme is aimed at healthcare professionals and managers, as well as new graduates. It provides an introduction to the central issues in health economics and health policy involved in the management of primary health care. It consists of compulsory modules on Health Economics, Policy and Economics of Health Care Delivery, Economic Evaluation in Healthcare, Statistics for Health Economics, Modelling for Health Economics, and an option selected from the extensive range offered by the School of Health and Population Sciences and the wider University. A 10,000-word dissertation is required for the MSc. For further information about this course visit:

[www.birmingham.ac.uk/healthconomics](http://www.birmingham.ac.uk/healthconomics)

Contacts:

Dr Pelham Barton – +44 (0)121 414 3170;

[p.m.barton@bham.ac.uk](mailto:p.m.barton@bham.ac.uk)

Mrs Helen Evans (Unit Manager) – +44 (0)121 414 7694;

[healthconomics@contacts.bham.ac.uk](mailto:healthconomics@contacts.bham.ac.uk)

## Occupational Health MSc/PGDip

This is a multidisciplinary programme which meets the needs of postgraduate training in the prevention and management of work-related ill health and understanding the issues of ill health and its effect on work. The main strength of the programme is its practical approach to the subject with a number of assignments based on workplace assessments and case management. It is open to both clinical and non-clinical graduates with relevant first degrees and those with appropriate work experience (such as doctors, nurses, occupational hygienists, engineers, toxicologists, psychologists and ergonomists). It combines academic and practical aspects of occupational health so you can contribute to the development of occupational health services, as well as improving practices and dealing effectively with management issues. The programme covers the academic requirements of the Faculty of Occupational Medicine (FOM) specialist training. It is accredited by both the British Occupational Hygiene Society (BOHS) and the Institute of Occupational Safety and Health (IOSH) for graduate membership. You undertake nine taught modules (three modules of ten days; six modules of five days) for the Postgraduate Diploma and produce an additional

dissertation for the MSc. For further information please visit our website at: [www.birmingham.ac.uk/occhealth](http://www.birmingham.ac.uk/occhealth)

Contacts:

Postgraduate Administrator – +44 (0)121 414 6013;

[occhealth@contacts.bham.ac.uk](mailto:occhealth@contacts.bham.ac.uk)

Dr Steven Sadhra – +44 (0)121 414 6008; [s.sadhra@bham.ac.uk](mailto:s.sadhra@bham.ac.uk)

## Physician Associate Studies PGDip

This programme is aimed at anyone who wants to work as a Physician Associate (PA) in the UK NHS. PAs (formerly known as Physician Assistants) see patients under the supervision of senior doctors; they take histories, examine patients, and order tests and treatments 'in the medical model'. If you have a bioscience or health science degree, or a health science diploma with lots of clinical experience, and are passionate about helping patients and working at the sharp end of medicine, this course is for you. For further information, please visit:

[www.birmingham.ac.uk/pa](http://www.birmingham.ac.uk/pa)

Contact: [physicianassociate@contacts.bham.ac.uk](mailto:physicianassociate@contacts.bham.ac.uk)

## Public Health MPH/PGDip/PGCert

This is a modular, multidisciplinary programme in public health, which offers a Postgraduate Certificate (60 credits), Postgraduate Diploma (120 credits) and a Masters in Public Health (180 credits). It is designed to provide academic training to professionals currently working in, or who wish to work in, the public health field. It will be of value to practising clinicians and those involved (or thinking about becoming involved) in the evaluation and management of health and health services. Apart from compulsory modules in Epidemiology and Statistics, you can choose from a wide range of optional modules. The course covers many areas necessary to sit Part A of the Membership examination of the Faculty of Public Health. Applications are considered as they are received throughout the year with places awarded to good candidates on a first-come, first-served basis. For further information visit: [www.birmingham.ac.uk/publichealth](http://www.birmingham.ac.uk/publichealth)

Contacts:

Michelle Tuttle – +44 (0)121 414 7577;

[mph@contacts.bham.ac.uk](mailto:mph@contacts.bham.ac.uk)

Dr Annette Wood – +44 (0)121 414 8344;

[a.l.wood.2@bham.ac.uk](mailto:a.l.wood.2@bham.ac.uk)



## Course finder [Apply online](#) (see pages 24–25)



### Public Health (Health Technology Assessment)

MPH/PGDip/PGCert

The MPH (HTA) is a strand of the MPH programme listed overleaf. It is designed for students who wish to acquire general skills in Public Health while specialising in the area of health technology assessment. It equips professionals with a range of skills and abilities to be able to critically appraise and use healthcare evidence to improve health service policy. This programme is only available as an exit qualification, therefore applications need to be made to the general MPH programme. For further information on this course visit:

[www.birmingham.ac.uk/mphhta](http://www.birmingham.ac.uk/mphhta)

Contacts:

Ms Michelle Tuttle – +44 (0)121 414 7577;

[mph@contacts.bham.ac.uk](mailto:mph@contacts.bham.ac.uk)

Dr David Moore – +44 (0)121 414 7449; [d.j.moore@bham.ac.uk](mailto:d.j.moore@bham.ac.uk)

### Public Health (International) MPH/PGDip/PGCert

(programme under development)

This programme will follow the same structure as the current Masters in Public Health. You will study compulsory modules in Epidemiology and Statistics and then can choose from two groups of optional modules. You will have to do the two modules in public health in low- and middle-income countries, as well as a dissertation on an appropriate International Health topic.

Contact: See Public Health contacts

### Public Health – Statement of Extra

Accredited Learning (SEAL) MPH

This programme provides you with enhanced preparation for continuing academic study. This version of the current Masters in Public Health programme allows you to study 230 credits instead of 180 credits enabling you to choose a larger number of optional modules from the Masters in Public Health module choices. As a result this programme involves more intense studying by participants. For further information please go to:

[www.birmingham.ac.uk/mph\(seal\)](http://www.birmingham.ac.uk/mph(seal))

Contact: See Public Health contacts

### Science of Occupational Health, Safety and the Environment MSc/PGDip

*Run jointly by Occupational and Environmental Medicine and Environmental Health and Risk Management in the School of Geography, Earth and Environmental Sciences.*

This programme is recognised by the Chartered Institute of Environmental Health and the Institute of Acoustics (Environmental Noise), and accredited by the Institute of Occupational Safety and Health. It recognises the increasing demand from industry and enforcement bodies to integrate occupational health, safety and environmental issues. You study a number of modules (core and optional) which include, but are not limited to the following subjects: safety technology; risk and safety management; occupational health and hygiene; environmental noise and chemical and biological incident management.

Contact: Val Walker, Course Administrator –

+44 (0)121 414 2628/3077; [v.c.walker@bham.ac.uk](mailto:v.c.walker@bham.ac.uk)

Please note that the following MSc programmes are now run in the College of Life and Environmental Sciences (see pages 177–178):

- Advancing Practice
- Advanced Manipulative Physiotherapy
- Exercise and Sports Medicine (Football)
- Health Studies
- Physiotherapy

# School of Health and Population Sciences

## Research programmes

### Health Research MRes

This programme provides a first step in research training for health professionals currently working in clinical areas who want to develop a health-related research component to their career. Guided by a supervision team you will undertake three taught modules and a research project to gain confidence in using research methods, project management, and research governance. For further information on this course visit:

[www.birmingham.ac.uk/healthresearch](http://www.birmingham.ac.uk/healthresearch)

Contact: Postgraduate Administrator – +44(0)121 414 6013;  
a.j.morley@bham.ac.uk

### Biomedical Ethics PhD/MSc by Research

Research interests of staff:

- Ethics and human reproduction and parenting; ethics and transplantation; research ethics
- Ethical issues related to stem cell ethics; religious beliefs in medical practice; medical education
- Parenting (particularly the ethics and sociology of fatherhood), ethical issues in medical education, public health ethics, research ethics, theory and methods in empirical bioethics
- Legal and ethical issues in health care education and mental health
- Public health ethics; research ethics; bioethics; methodology in ethics; international ethics; emergency ethics

### Health Economics PhD/MSc by Research

Research interests of staff:

- Economic evaluation including health state valuation and particularly temporary health state valuation in gynaecology and sexual health clinical areas
- The use of the capability approach in health economics and end of life care
- Measurement and valuation of healthcare benefits/outcomes; economic issues related to unpaid care; methodological and applied work using the capability approach

- Methodological issues to do with modelling for health economic evaluation; specific clinical questions where the choice of model type is a relevant issue
- Application of cost-benefit analysis for the evaluation of health care interventions; economics of obesity; health-related quality of life in a paediatric population
- Decision modelling in economic evaluation; trial-based economic evaluation, impact of disease on work and estimation of productivity costs; aspects of economic evaluation in chronic disease (COPD, musculoskeletal disease, cardiovascular disease)
- Health economics, mathematical modelling, injecting drug users, blood-borne viruses, HIV, Theileria Annulata, hepatitis B, hepatitis C
- Economic evaluation alongside trials, value of information analyses
- End of life care, chronic pain, economic evaluation
- Health system analyses, health care reforms and economic evaluation in health care
- Health reform policies, payment incentives, commissioning, service redesign, and quality improvement programmes and methods

### History of Medicine PhD/MSc by Research

Research interests of staff:

- History of hospitals, medical education from 1750–1950; history of skin, medical institutions and the senses
- History of psychiatric medicine and institutions
- History of physiology; sports and the body

### Nursing PhD/MSc by Research

Staff in the Department engage in a wide range of nursing and health care related research. Doctoral and Masters students are encouraged to seek the support and advice of staff for their studies and research career. Specific areas of work include:

- End of life care
- The organisation of nursing work
- The nursing management of pain
- Nurse education



## Course finder Apply online (see pages 24–25)

### Occupational and Environmental Medicine

PhD/MSc by Research

Research is divided into two overlapping and complementary areas:

- Environment-oriented areas, which follow the tradition of preventive medicine with a focus on causal determinants
- Outcome-oriented areas, which are based on clinical medicine and epidemiology

Doctoral and Masters students are encouraged to seek the support and advice of senior staff for their studies and research career.

Research interests:

- Outdoor air pollution; indoor air pollution; environmental burden and pathways; occupational lung disease
- Environmental health and epidemiology; occupational health and epidemiology; respiratory health
- Occupational exposure assessment; methods for evaluating exposure to workplace hazards and effectiveness of control measures; risk assessment methodology for human health integrating exposures from occupational and environmental sources; use of bio-engineering techniques in occupational setting for assessing effectiveness of dermal protection methods; European risk assessment methods for metals
- Occupational epidemiology: cohort, case-control, cross-sectional and nested case-control study designs; role of causal effects, bias, confounding and chance in epidemiological findings; measure of effect and causal inference; the identification and quantification of occupational cancer hazards

### Primary Care Clinical Sciences PhD/MSc by Research

Primary care research focuses upon 12 themes:

- Respiratory disease
- Anticoagulation
- Chronic disease prevention, including stroke, heart failure, hypertension prevention and polypharmacy studies



- Ethnicity
- Clinical Trials
- Cancer, Endocrine and Metabolic disease (including Diabetes), Stroke Rehabilitation
- Lifestyle: behavioural medicine, smoking, exercise, obesity
- Qualitative and methodology research
- Health outcomes: patient reported outcomes, composite outcomes and core outcome sets, trials methodology
- Quality outcomes: quality improvement and Mental Health
- Statistics
- Collaboration for Leadership in Applied Health Research and Care (CLAHRC)

Research interests:

- Patient reported outcomes, quality of life, trials methodology
- Child epidemiology, organisation of health services, clinical trials including complex interventions
- Systematic review, meta-analysis, health technology assessment
- Behavioural medicine: effects of exercise in clinical populations and community groups, interventions for weight loss and maintenance, maternal health
- Cancer and chronic disease; epidemiology; screening
- Public policy and service delivery
- Community-based mental health; policy development and evaluation
- Physical Activity and Rehabilitation
- Cardiovascular trials; anticoagulation in primary care; near patient testing; respiratory conditions; decision making
- Mixed methods/qualitative research; improving recruitment to trials; cardiovascular disease prevention
- Health inequalities, including ethnicity; prescribing; evidence-based practice
- Complementary medicine; patient self-management; prescribing
- Health psychology and qualitative methodology
- Blood pressure monitoring; systematic review methodology; community pharmacies; performance management frameworks

# School of Health and Population Sciences

- Lived experiences of mental illness and distress; gender and mental health; psychosis; eating, food and eating disorders; qualitative methodology, especially ethnography; medical anthropology
- Health services research methodology: researching into the methodology of clinical trials to ensure fitness for purpose, and associated methodological research; evaluating service delivery interventions, supply side health economics (value of investment analysis), measurement of the quality and safety of research; developing associated methodologies
- Social science approaches to health and health care; qualitative case study approaches; patient experience of chronic illness; understandings of family histories, genetics, and risk
- Analysis of electronic primary care data sets; use of web based vignettes to investigate clinical decision making
- Thyroid disease; evaluation of undergraduate teaching programmes; educational innovation particularly simulation; physician assistant/associate programmes
- Sociotechnical aspects of IT implementation and patient safety; using qualitative 'novel methods' in applied health research; patient and public involvement in health research; public engagement with health science; super-diversity and implications for health and wellbeing
- Impact of chronic diseases; evaluation of complementary or psychological therapies; irritable bowel syndrome
- Ethnicity and Chronic Disease
- The language of spoken and written medical communication; medical education
- Quality in Health Care
- Cancer screening, women's health, epidemiology
- Global mental health; international mental health; recovery and serious mental illness; engagement with mental health services

## Public Health, Epidemiology and Biostatistics

PhD/MSc by Research

Our main research programmes are in the areas of:

- The epidemiology of maternal and child health, cancer, genetics, health behaviour, and respiratory and communicable disease
- Health services research in healthcare evaluation; evidence-based practice; healthcare quality; health impact assessment
- Clinical trials, biostatistics and other research methodology

Research interests:

- Maternal and child epidemiology, epidemiological studies in maternal and child health including work on the long-term health of women after childbirth and the effect of different interventions around pregnancy
- Epidemiology of common cancers; cardiovascular diseases; chronic obstructive pulmonary diseases
- Child epidemiology, organisation of health services, clinical trials including complex interventions
- Childhood cancer: a programme grant focusing on the risks and aetiology of adverse health outcomes of cancer and its treatment, including the national cohort of 18,000 survivors of childhood cancer, and their 4,000 offspring
- Risks of fatal and serious non-fatal adverse health outcomes subsequent to cancer treatment in childhood, teenage and young adulthood
- The provision of an early warning system to the Department of Health of new health care technologies and associated diffusion research
- Health impact assessment; assessing the impact of public sector investment, particularly in non-health areas, and developing associated methodologies





Course finder **Apply online** (see pages 24–25)



- Respiratory epidemiology (COPD): programme of work on the epidemiology and management of COPD – specifically, epidemiology of COPD, including study of novel risk factors, aetiology of COPD in never smokers, identification of modifiable prognostic factors in COPD; health services research in relation to COPD (including methods to improve case finding of undiagnosed COPD, evaluation and audit of services for the management of COPD); clinical trials to improve prognosis in early COPD
- Childhood obesity prevention: mixed methods approaches to the development and evaluation of complex trials to tackle childhood obesity, including trials to tackle diet and physical activity behaviours; epidemiology of childhood obesity internationally
- Evaluation of medical tests and biomarkers; systematic review methodology; non-randomised evaluations of health care interventions
- Maternal and child health, particularly in relation to breastfeeding and interventions to manage weight during or after pregnancy; obesity research; self-management and rehabilitation in people with chronic disease, particularly heart disease and COPD
- Application of, and development of methods for, biostatistics particularly in relation to meta-analysis and evidence synthesis, including individual patient data meta-analysis; diagnostic and prognostic test accuracy studies; prognostic factor studies; risk prediction and prognostic models; biomarkers; stratified medicine
- Epidemiology of chronic diseases including cardiovascular disease, diabetes, obesity, ageing; International cohorts from China, Germany, Iran and the UK

'The support one gets as a PhD student at Birmingham is spectacular. I can choose from a wide range of courses to attend free of charge, including workshops on transferable skills and software use. I get to present my work at regular internal seminars and get feedback from experienced academics. Undertaking my research in the University, I feel part of a large family. Doing a PhD is hard work, but the University of Birmingham will be there to listen to you and support you.'

**Lazaros Andronis**, PhD, School of Health and Population Sciences

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
**[www.birmingham.ac.uk/drps](http://www.birmingham.ac.uk/drps)**

# School of Immunity and Infection

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Functional and Clinical Anatomy MSc	MBChB, MBBS or equivalent certificate in medicine; BDS or equivalent certificate in dental science. Students must be working in a UK/EU hospital	£3,870 PT	£3,870 PT	2 years PT	29/09/14
Immunology and Immunotherapy MSc	2:1 (Hons) in a life science or biomedical science subject	£9,000 FT	£19,000 FT	1 year FT	29/09/14
Musculoskeletal Ageing and Health MSc	2:1 (Hons) in a life science or biomedical science subject	Contact the School for details	Contact the School for details	1 year FT	29/09/14
RESEARCH					
Immunity and Infection PhD/MD/MSc by Research	PhD: 2:1 (Hons) in a relevant subject or 2:2 (Hons) plus Masters degree (with merit/distinction) MSc by Research: 2:1 (Hons) in a relevant subject MD: MBChB or equivalent, plus honorary or substantive appointment of the University	PhD and MSc by Research: £3,950 FT £1,975 PT MD: £1,975 PT only	PhD and MSc by Research: £16,230 FT only MD: £8,115 PT only	PhD: 3 years FT 6 years PT MSc by Research: 1 year FT 2 years PT MD: 2 years PT	29/09/14

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014-15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

The School of Immunity of Infection is internationally acclaimed for research in Immunology and Infection and offers outstanding opportunities and world-class facilities for both clinical and non-clinical students.

A range of specialist centres, with technologically advanced facilities, ensures our students receive a distinctive and state-of-the-art study experience. A key feature of the School is the integration of basic science with medicine to identify disease mechanisms and rapidly translate this knowledge into new therapies. Work in pioneering areas such as stem cell therapy, transplantation research, links between viruses and cancer, novel treatments for chronic inflammatory disease, the impact of ageing on susceptibility to infection, and trauma medicine has positioned the School as a truly groundbreaking research establishment.

If you study at Birmingham your student experience will be one of the finest available as our teaching is delivered by scientists and

clinicians who are world leaders in their research field and are committed to your development and education. Our teaching expertise encompasses Immunology, Infection, Anatomy, Cancer and Stem Cells, Inflammation and the clinical aspects of Immunology, Bacteriology, Virology, Hepatology, Nephrology, Rheumatology and Ophthalmology.

## Specialist centres of excellence

An impressive research performance has secured substantial funding leading to the creation of specialist centres of research excellence:

- Medical Research Council Centre for Immune Regulation
- National Institute for Health Research Birmingham Liver Biomedical Research Unit
- NIHR Surgical Reconstruction and Microbiology Research Centre (Trauma Centre)
- Centre for Translational Inflammation Research
- Medical Research Council – Arthritis Research UK Centre for Musculoskeletal Ageing Research



## Course finder [Apply online](#) (see pages 24–25)

- Institute for Microbiology and Infection
- Centre for Liver Research
- Institute for Biomedical Research
- ARUK Birmingham Experimental Arthritis Treatment Centre for Rheumatoid Arthritis
- Medawar Centre for Healthy Ageing Research
- Birmingham University Stem Cell Centre
- Centre for Human Virology
- Healing Foundation Centre for Burns Research
- Arthritis Research UK Rheumatoid Arthritis Centre of Excellence

Centres are located within a short walking distance of each other, and include teams based in the new Queen Elizabeth Hospital which is just 150 metres from the Medical School. The close proximity of these centres has led to exciting collaborations within the School. Where students are involved in projects that include external collaborations, it is not uncommon for students to undertake short-term placements both in the UK and abroad. Clinical students work closely with local NHS trusts and the location of the Queen Elizabeth Hospital is a substantial benefit.

The School also has a Clinical Immunology Service which provides specialist support for clinical academics, expertise and opportunities for the development of new diagnostic assays, biomarker platforms, and valuable clinical material for research.

### Facilities and resources

For both research and taught studies our impressive facilities include:

- State-of-the-art prosectorium including a brand new Anatomage which is a 3D imaging table used to aid teaching of human anatomy
- Flow cytometry, confocal microscopy (including a Zeiss 780 and a Leica LSI TCS Zoom), real time PCR, proteomics and genomics, cell sorting
- Containment facilities up to Category 3 for work with micro-organisms



- Superb facilities for development of *in vivo* model systems
- Advanced Therapies Facility (cell and gene therapy)
- New laboratories within the Queen Elizabeth Hospital allowing for a 'bench to bedside' experience
- Next generation sequencing facilities

### Career support

We are committed to producing world-class, highly skilled researchers and clinicians. The School has a large number of graduate students, both clinical and non-clinical. Support to students is also provided by postdoctoral scientists and young investigators with independent fellowship awards. The School is committed to engaging with students to plan their future career path and hosts regular master classes specifically designed to help with career development and growth.

### Funders

Our researchers are internationally recognised within their specialist fields and their cutting-edge research is often referenced in the press, or featured on television providing expert opinions. The School's research portfolio has many funders including major organisations such as the Medical Research Council, National Institute for Health Research, Department of Health, Wellcome Trust, European Union, Cancer Research UK, BBSRC, Arthritis Research UK, Leukaemia & Lymphoma Research and many more.

### Scholarships and studentships

For postgraduate studentships in Immunity and Infection, please contact the School directly or visit our online postgraduate funding database: [www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

### Learn more

[www.birmingham.ac.uk/immunity-infection](http://www.birmingham.ac.uk/immunity-infection)

# School of Immunity and Infection

## Taught programmes

### Functional and Clinical Anatomy MSc

This programme offers the opportunity to study functional, comparative and clinical anatomy to a higher level of critical understanding. Advanced skills in learning, as well as practical skills used during this programme, will support your career development and introduce you to higher skills for clinical practice. It has been designed to allow participating students to maintain their clinical experience while studying for a highly relevant MSc-level qualification.

Learning will be through lectures, seminars and small group sessions, with practical experience in clinics and laboratories – all these with a high staff to student ratio. You will produce a detailed and thorough dissection of a human cadaver; this will develop your manual skills, as well as inform your higher level of understanding in topographical anatomy.

Options modules will include:

- Anatomical and immunological basis of transplantation
- Anatomical basis of trauma management
- Inflammatory disease of joints

These will give you the opportunity to work in clinics and laboratories where internationally recognised research and treatments are being developed.

The programme will be assessed using a variety of methods, which will include essays, extended matching set questions and short notes questions and a viva, with formative assessments offered in each of these forms. A final dissertation and presentation based upon original research is required for completion of this MSc.

This programme will run over two years on alternate Thursdays (48 full days). If you would like further information about the course, or wish to request a hard copy of the application form, please contact: Professor Joanne Wilton: Senior Lecturer in Anatomy – +44 (0)121 414 6838; [j.c.wilton@bham.ac.uk](mailto:j.c.wilton@bham.ac.uk)  
[www.birmingham.ac.uk/anatomy](http://www.birmingham.ac.uk/anatomy)

### Immunology and Immunotherapy MSc

This full-time one-year MSc programme is suitable for graduates with a background in biological sciences wishing to develop a career in immunology or its application to the therapy of human disease. The programme will cover detailed molecular and cellular mechanisms of immune function, followed by translation of immunology for use in immunotherapy, including biologics, small molecule inhibitors and cellular therapy.

The programme is delivered by world leaders at the forefront of immunology and immunotherapy research, each with an internationally renowned research group. In addition, you will have the exciting opportunity to carry out your dissertation research projects with these leading scientists. We also plan to offer some projects within external biotechnology companies. Further information is available at:

[www.birmingham.ac.uk/mscimmunology](http://www.birmingham.ac.uk/mscimmunology)

Contacts:

Dr S John Curnow – [s.j.curnow@bham.ac.uk](mailto:s.j.curnow@bham.ac.uk)

Ruth Alexander – +44 (0)121 414 4067;

[r.a.alexander@bham.ac.uk](mailto:r.a.alexander@bham.ac.uk)

### Musculoskeletal Ageing and Health MSc

*(programme currently under development)*

This multidisciplinary programme provides a unique opportunity to explore the effects of ageing upon the human musculoskeletal system, considering the cellular and molecular mechanisms involved in age-related decline and the latest research on how these can be prevented. It is targeted towards students (clinical and non-clinical) as well as allied health professionals interested in biomedical research and applying the latest information on human ageing to improving physical function and health in old age. The course includes an extended research project.

Full details can be found at: [www.birmingham.ac.uk/ma](http://www.birmingham.ac.uk/ma)

Contact: Professor Janet Lord – [j.m.lord@bham.ac.uk](mailto:j.m.lord@bham.ac.uk)

'The fact that Janet is an expert in healthy ageing really influenced my decision to come and pursue my doctoral research at Birmingham. I find it fascinating that we become more prone to infection as we age, so I'm looking at the immune system in old age and its response to superbugs.'

**Hannah Greenwood**, PhD, School of Immunity and Infection, pictured with fellow doctoral researcher Alessandra Rossi in the Centre for Musculoskeletal Ageing Research, led by Professor Janet Lord.



**LEARN MORE** [www.birmingham.ac.uk/pgprofiles](http://www.birmingham.ac.uk/pgprofiles)

# School of Immunity and Infection

## Research programmes

### Immunity and Infection PhD/MD/MSc by Research

We have a large community of academic, research and support staff and postgraduate students, and an annual turnover of approximately £8 million support for research.

Our research is themed as follows:

- Immune Regulation
- Inflammation and Inflammatory Disease
- Stem Cell Biology and Gene Regulation
- Bacterial Infections, Pathogenesis and Antibiotic Resistance

#### Immune Regulation

- Cellular and molecular interactions *in vivo* inducing and regulating immune responses
- Thymocyte/stromal cell interactions in T cell development and selection
- Chemokine regulation of immune responses
- Immune regulation for bacterial infection
- Clinical and diagnostic immunology

#### Inflammation and Inflammatory Disease

- Inflammatory liver disease
- Hepatitis C immunobiology
- Inflammatory joint disease
- Immunesenescence and chronic inflammation
- Systemic autoimmune rheumatic diseases – systemic lupus erythematosus
- Mechanisms of dysregulated neutrophil and lymphocyte function during pathogenesis of autoimmune renal disease, particularly vasculitis
- The involvement of lymphocytes, cytokines and chemokines in uveitis (inflammatory eye disease)
- Infectious and immune-mediated ocular surface diseases
- Inflammation at sites of immune privilege; the role of pathogenic and regulatory T cells

#### Stem Cell Biology and Gene Regulation

- Transcriptional regulation of adult and embryonic stem cells in health and disease
- Stem cells and liver disease
- Epigenetic mechanisms of gene regulation
- Chromatin remodelling and transcriptional regulation of *Drosophila* blood development
- Control mechanisms in angiogenesis
- Regulation of haematopoietic cell differentiation
- Viral infections and pathogenesis

#### Bacterial Infections, Pathogenesis and Antibiotic Resistance

- Antimicrobial action and resistance
- Immune responses to infection and vaccine development
- Mechanisms of bacterial pathogenesis
- Nosocomial infections

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at: [www.birmingham.ac.uk/drps](http://www.birmingham.ac.uk/drps)

'The University of Birmingham is a great place to study. Not only is it recognised internationally as a leader in academic research, but it's also an excellent place for personal development, providing ample extracurricular training courses and networking opportunities.'

*Dan Roberts, PhD, School of Immunity and Infection*





## Intracollege programme

The College of Social Sciences contributes to an Economic and Social Research Council (ESRC) research training programme; the MA Social Research. The University is one of only 12 UK institutions to have been awarded Doctoral Training Centre status by the ESRC, the UK funding body for social sciences. The Centre draws on expertise across the social sciences at Birmingham to deliver outstanding postgraduate training for more than 70 social scientists. It also reaches out to staff, students and policy makers beyond the University through its programme of short course research training opportunities.

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### Social Research MA/Diploma

#### Duration

1 year FT, 2 years PT

#### Entry requirements

A 2:1 Honours degree, or international equivalent

#### Fees and funding

The fee for UK/EU students is £5,940 FT, £2,970 PT per annum. International students can only study full time and the annual fee is £13,665.

Funding may be available. Please see page 20 for details or consult the University's postgraduate funding database:

[www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

#### Start date

29 September 2014

This programme is recognised by the ESRC as a research training programme designed to provide participants with a sound background in social research design and the most up-to-date training in methods, data collection and analysis.

The core elements of this programme are delivered by staff from across the College of Social Sciences, many of them engaged in cutting-edge research in their own fields.

The MA programme includes assessed core modules and short courses (120 credits) and the completion of a 14,000-word dissertation (60 credits), while the Postgraduate Diploma includes the assessed courses only (120 credits).

The programme is also available as different subject pathways, including:

- MA in Social Research (Business)
- MA in Social Research (Education)
- MA in Social Research (Local Government and Public Policy)
- MA in Social Research (Social Policy)
- MA in Social Research (Social Work and Professional Practice)

Contact: Marea Arries – +44 (0)121 414 6347;  
[m.b.arries@bham.ac.uk](mailto:m.b.arries@bham.ac.uk)

# Birmingham Business School

We are a dynamic and internationally focused School offering programmes across the full range of Business School disciplines. The School's academic staff conduct world-class research, in addition to achieving excellence in teaching and enriching students' understanding. We pride ourselves on students graduating with a range of knowledge and skills that give them a competitive edge.

Birmingham Business School comprises the departments of Accounting and Finance, Economics, Management and Marketing.

The Business School contributes to an Economic and Social Research Council (ESRC) research training programme – the MA Social Research (see opposite). The University is one of only 12 UK institutions to have been awarded Doctoral Training Centre status by the ESRC, the UK funding body for social sciences. The Centre draws on expertise across the social sciences at Birmingham to deliver outstanding postgraduate training for more than 70 social scientists. It also reaches out to staff, students, and policy makers beyond the University through its programme of short course research training opportunities.

## Facilities

University House, where the School is based, incorporates a multi-million pound state-of-the-art teaching and learning complex. With full access to wireless technology, all lecture and seminar rooms are audio-visually equipped. This allows all postgraduate teaching to take place on site. In addition, there is a private common room for MBA students.

## Postgraduate study

We have close links with industry, government departments, the financial community and major professions. These relationships foster research partnerships and the identification of fieldwork sites, while research results inform practice and policy, as well as theory.

Many of our academic staff regularly lecture and contribute to research in other countries. We have undertaken consultancy work for the World Bank, United Nations, the Bank of England and the Asian Development Bank, as well as other multinational organisations.

## Student support

The School offers a number of open days, applicant visit days and online events to give prospective students the opportunity to visit the School and University and also to meet with academic staff. For details on upcoming events, please visit our website or contact the School directly.

## Scholarships and studentships

A variety of scholarships are available. Please see page 20 for details or consult the University's postgraduate funding database: [www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

## Learn more

[www.birmingham.ac.uk/schools/business](http://www.birmingham.ac.uk/schools/business)

# Birmingham Business School

## MBA PROGRAMMES

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
MBA	2:1 (Hons) plus 5 years' (or 3 years' if exceptional) post-graduation work experience (3 years' for the 21-month MBA) with evidence of management	MBA 12 months: £20,790 FT only MBA 21 months: £3,090 (year 1) £20,970 (year 2) FT only	MBA 12 months: £20,790 FT only MBA 21 months: £6,282.50 (year 1) £20,970 (year 2) FT only	12 months or 21 months FT	29/09/14 or 12/01/15 (for 21-month programme)
MBA 24-month	A good Honours degree plus 3 years' post-graduation work experience with evidence of management	£6,180 (year 1) £20,970 (year 2) FT only	£12,565 (year 1) £20,970 (year 2) FT only	24 months FT	29/09/14
Executive MBA	2:1 (Hons) plus a minimum of 5 years' management experience	£20,790 PT only (whole course)	£20,790 PT only (whole course)	2.5–6 years PT	29/09/14
Global MBA	2:1 (Hons) plus 5 years' work experience	29,532 Singapore Dollars PT only	29,532 Singapore Dollars PT only	2.5–6 years PT	29/09/14
Global Banking and Finance MBA	2:1 (Hons) plus 3 years banking or finance at a supervisory level	MBA 12 months: £20,790 FT only MBA 21 months: £3,090 (year 1) £20,970 (year 2) FT only MBA 24 months: £6,180 (year 1) £20,970 (year 2) FT only	MBA 12 months: £20,790 FT only MBA 21 months: £6,282.50 (year 1) £20,970 (year 2) FT only MBA 24 months: £12,565 (year 1) £20,970 (year 2) FT only	12 months, 21 months or 24 months FT	29/09/14 or 12/01/15 (for 21-month programme)
Guangzhou MBA	2:1 (Hons) plus 5 years' work experience	Contact the School for the latest information	Contact the School for the latest information	2.5–6 years PT	29/09/14
Public Service MBA	2:1 (Hons) plus a minimum of 5 years' management experience	£20,790 PT only (whole course)	£20,790 PT only (whole course)	2.5–6 years PT	29/09/14 or flexible entry PT (September 2014, January 2015, April 2015 and July 2015)
Strategy and Procurement Management MBA	2:1 (Hons) (equivalent professional qualifications will be considered, eg, CIPS Graduate Diploma), plus a minimum of 3 years' relevant experience in purchasing and supply management	£20,790 PT only (whole course)	£20,790 PT only (whole course)	15 months FT 2.5–6 years PT	29/09/14 or flexible entry PT (September 2014, January 2015, April 2015 and July 2015)
Business Administration Graduate Diploma	A degree or equivalent qualification; post-graduation work experience is desirable	£6,180 FT only	£12,565 FT only	1 year FT	29/09/14

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)



## Course finder [Apply online](#) (see pages 24–25)

All MBA programmes are accredited by the Association of MBAs (AMBA), the UK accrediting body. The School also has European Quality Improvement Systems (EQUIS) accreditation and is currently working towards attaining AACSB accreditation. Unless otherwise stated, your contact for all MBA programmes is:

Victoria Harold, MBA Recruitment and Admissions Manager –  
+44 (0)121 414 4378; v.l.harold@bham.ac.uk

### MBA

Our full-time MBA programme is focused on strategic international business. As such there are four distinctive and challenging enterprise projects working closely with businesses in the UK and worldwide. This includes our International Business Experience module and the International Management Challenge. Our approach on the programme is to constantly apply theory to practice in order to develop your career in international business leadership. Twelve modules are taken and a dissertation is submitted to complete the requirements for the award of the MBA degree. There are compulsory core modules and an extensive range of elective options.

Depending on the options taken, you can focus on a special field in one of the following areas:

- Marketing
- Finance
- International Trade and Finance
- Human Resource Management
- Organisational Behaviour

A range of teaching and learning methods are used to relate theory to practical situations. Important business skills such as analysis, argument and synthesis are developed. Personal leadership skills are enhanced through a series of modules in areas such as leadership, team dynamics and cross-cultural understanding. These take place at the University and residential off-campus locations.

### MBA 24-month

For those not qualified for direct entry to the one-year programme (eg, because of a lack of the necessary work or language experience) a preliminary year is available. This provides training



### ACCREDITATIONS

Association of MBAs (AMBA)

European Quality Improvement  
System (EQUIS) part of the European  
Foundation for Management  
Development (EFMD)

in core management competencies and focuses on how management disciplines integrate at operational level to achieve short- to medium-term objectives.

### Executive MBA

The Executive MBA programme is targeted at experienced managers across a range of industries and sectors who want to boost their career prospects and enhance their thinking about management practice. The part-time delivery mode is designed to be as flexible as possible to meet the needs of busy professionals juggling career and other commitments with study. The eight taught modules and dissertation are taken in a minimum of two-and-a-half years and a maximum of six. Each taught module is delivered in an intensive six-day block spread over two consecutive long weekends – Friday to Sunday. Modules are offered at four points during the academic year – October, January, April and July.

### Global MBA

We are proud to have been running this programme continuously in Singapore for 18 years. We use fundamentally the same syllabus as the corresponding Birmingham programme and the same team of University of Birmingham academic staff. We are also aware of the need for some customisation and use more Asian case studies and institutional material than in the home programme. The modules are fully interchangeable – students undertaking the programme in Singapore or Hong Kong can, if they wish, take some modules in the UK to broaden their perspective, and those in the UK whose careers take them to one of our overseas areas where we deliver our programmes are still able to complete their MBA with us.

### Global Banking and Finance MBA

This MBA degree programme has been specifically designed for graduates who aspire to develop careers in global banking and finance. The MBA in Global Banking and Finance programme aims to improve management and technical skills by focusing on key areas such as international banking, banking and finance regulation and supervision, risk and asset and liability management, strategic management of financial institutions, financial markets, and private equity and venture capital finance. Many of our graduates are working in senior positions at banks and financial

# Birmingham Business School

institutions and in the investment industry worldwide. The programme is delivered by University faculty and industry practitioners to cater to the current and future needs of the global financial services industry. MBA (GBF) attracts highly qualified and experienced students from a variety of cultures and nationalities and is highly rated by students wanting to specialise in banking and finance.

## Guangzhou MBA

This programme is to be delivered as part of a collaborative provision arrangement with Jinan University, Guangzhou, China. This represents a flying faculty arrangement, with the award of a University of Birmingham degree. The programme is totally taught abroad and will be delivered in English. The programme will operate on the same admissions basis as those MBA programmes currently running in Singapore and Hong Kong.

## Public Service MBA

The MBA Public Service is a structured personal and professional development programme designed for current and future leaders working across the public, voluntary, third and commercial sectors. It is primarily targeted at middle to senior managers working in the UK across a range of public sector organisations such as the NHS, local and central government, the police, probation and the prison service. With its blend of generic management and specialist public service modules, however, the programme is also designed for a wider market of individuals in private and third sector jobs, in particular those involved in the delivery of outsourced public services.

## Strategy and Procurement Management MBA

The MBA (SPM) is accredited by the UK's Chartered Institute of Purchasing and Supply (CIPS). Graduates who fulfil the relevant work experience requirements of CIPS are also awarded full membership of the Institute (MCIPS). The programme offers a range of specialist professionally oriented modules designed for managers with procurement responsibilities across a range of sectors and industries. It provides an opportunity for those involved in procurement to develop their general management knowledge and skills, and to gain access to leading-edge thinking and research in procurement and supply management.

The programme is available in both part-time and full-time delivery modes. The part-time programme can be completed in a minimum of two-and-a-half years and a maximum of six, and is designed to be as flexible as possible to meet the needs of busy professionals juggling career and other commitments with study. The full-time programme is completed in 15 months.

## Business Administration Graduate Diploma

This programme provides a thorough grounding in functional issues in management and is a qualification in its own right. It also empowers those who seek to gain entry to our MSc programmes, and, importantly, it is the first year of our 24-month MBA programme. We expose you to a wide range of management disciplines that develop your abilities to synthesise diverse theoretical issues, to analyse complex business situations, understand team dynamics, and build confidence in articulating and presenting solutions to a critical audience. We employ many teaching and assessment methods that reflect the standards required by our MBA and MSc programmes. For international students, we offer continuing English language support to enhance your learning experience.

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
[www.birmingham.ac.uk/drps](http://www.birmingham.ac.uk/drps)



FT Full-time  
PT Part-time  
DL Distance Learning

## ACCOUNTING AND FINANCE

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
International Accounting and Finance MSc	2:1 (Hons) in a relevant subject; you must have a strong background in both Accounting and Finance	£7,740 FT only	£15,525 FT only	1 year FT	22/09/14
Investments MSc	2:1 (Hons) in a relevant subject; applicants must have obtained good grades in mathematical-related modules	£7,740 FT only	£15,525 FT only	1 year FT	22/09/14
RESEARCH					
Accounting and Finance PhD/MPhil/MSc by Research	2:1 (Hons) and a Masters degree with at least UK Merit level in Economics or a related subject with relevant mathematical and statistical techniques	£3,950 FT £1,975 PT	£13,855 FT only	PhD: 3 years FT 6 years PT MPhil: 2 years FT 4 years PT MSc by Research: 1 year FT 2 years PT	29/09/14

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014–15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

### Taught programmes

All MSc programmes have ESRC accreditation. Unless otherwise stated, your contact for all MSc programmes is:  
MSc Admissions – +44 (0)121 415 8273;  
[mscadmissions@lists.bham.ac.uk](mailto:mscadmissions@lists.bham.ac.uk) or visit:  
[www.birmingham.ac.uk/schools/business](http://www.birmingham.ac.uk/schools/business)

#### International Accounting and Finance MSc

This programme encompasses accounting in its international, public and private contexts, corporate financial management, private sector investment and foreign exchange markets. It aims to give you a deep knowledge of the theoretical and empirical literature that provides the background to understanding changes and innovations in accounting and finance. You also acquire a range of techniques that can be used to solve real-life problems. You take six modules, including compulsory ones on Financial Accounting Theory and Policy and Theory of Financial Management. You can also choose from a wide range of options and must submit a dissertation on a topic of your choice.

#### Investments MSc

We are accredited by the Chartered Institute for Securities and Investments (CISI) as a Centre of Excellence in the provision of postgraduate finance teaching. We are one of only eight UK universities to be recognised as such. Our MSc Investment programme benefits from exemptions in certain modules for professional exams. All MSc Investment students will be eligible to receive the CISI diploma. The CISI diploma is a business-ready vocational qualification; many city firms see it as a benchmark for their investment professionals.

This programme teaches the theories and techniques of investments and their real-life application. It is for graduates who want to develop a career in investment institutions or who wish to become investments specialists or managers in other corporate bodies.

# Birmingham Business School

## Research programmes

### Accounting and Finance PhD/MPhil/MSc by Research

With roots dating back to the appointment of the country's first Professor of Accounting, the group has a long-standing history of researching and teaching in this area.

Contact: Dr Nick Rowbottom – +44 (0)121 414 2982;  
n.rowbottom@bham.ac.uk

#### Research areas:

##### Accounting

- Information Systems and Accounting – the communication, use and regulation of digital reporting; control and electronic interchange of data; XBRL; use of internet technologies in business; ERP, and the role of technology in taxation
- Management Accounting – accountability, control systems and change in management accounting; strategic management accounting; institutional theories and corporate governance; accounting in emerging countries
- Public Sector Accounting – accounting in local and central government; charity accounts; national accounting and comparative international studies
- Financial Accounting and Reporting – history of accounting and audit; political and economic consequences of accounting standards; impact of professions; measurement issues; corporate governance; audit and agency theory; globalisation and internationalisation issues
- Taxation – impact of taxation on individual and business decision making; the role of taxation in global trade, and tax education

##### Finance

- Corporate Finance – corporate financial management (including private equity); financial markets (including IPO markets); financial institutions (especially conventional as well as Islamic banks); financial instruments (including derivatives); flow of funds, overreaction phenomena and control of volatility in emerging markets; corporate finance aspects of privatisation and economic development; economic consequences of corporate disclosure
- Global Banking and Finance – financial sector development; flow of funds; bank regulation and governance; bank behaviour and competitiveness; financial crisis and volatility in developing and developed markets
- Centre for Corporate Governance Research – relationship between boards of directors and institutional investors; trends in voting; directors' remuneration; compliance with corporate governance codes by both large and small companies; the role of corporate governance in debt recovery from distressed public and private companies; corporate governance and sustainability; corporate governance developments in Central and Eastern Europe and in the Middle and Far East

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
**[www.birmingham.ac.uk/drpf](http://www.birmingham.ac.uk/drpf)**

**'Birmingham provides a perfect environment, both socially and academically; the city is a cultural melting pot, so I integrated easily.'**

*Dr Moses Tetula, PhD graduate, Department of Accounting and Finance*

## ECONOMICS

### ACCREDITATIONS

Chartered Institute for Securities &amp; Investment

Association of Chartered Certified Accountants (ACCA)

Economic and Social Research Council (ESRC)

Chartered Institute of Purchasing and Supply (CIPS)

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Development Economics MSc	2:1 (Hons) in Economics or a related discipline; you must have a basic knowledge of calculus and statistics	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Economics MSc	2:1 (Hons) in Economics or a related discipline; you must have a basic knowledge of calculus and statistics	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Environmental and Natural Resource Economics MSc	2:1 (Hons) in Economics or a related discipline; you must have a basic knowledge of calculus and statistics	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
International Economics MSc	2:1 (Hons) in Economics or a related discipline; you must have a basic knowledge of calculus and statistics	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
International Money and Banking MSc	2:1 (Hons) in Economics or a related discipline; you must have a basic knowledge of calculus and statistics	£11,070 FT only	£14,495 FT only	1 year FT	29/09/14
Mathematical Finance MSc	2:1 (Hons) in Mathematics or a related numerate subject such as Physics or Engineering, or an appropriate Joint Honours degree in industrial mathematics	£15,525 FT £7,763 PT	£15,525 FT £7,763 PT	1 year FT 2 years PT	29/09/14
Money, Banking and Finance MSc	2:1 (Hons) in Economics or a related discipline; you must have a basic knowledge of calculus and statistics	£11,070 FT £5,535 PT	£14,495 FT only	1 year FT 2 years PT	29/09/14
RESEARCH					
Economics PhD/MPhil	2:1 (Hons) and a Masters degree with at least UK Merit level in Economics or a related subject with relevant mathematical and statistical techniques	£3,950 FT £1,975 PT	£13,855 FT only	PhD: 3–4 years FT 6 years PT MPhil: 2 years FT 4 years PT	29/09/14

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014–15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

## Taught programmes

For further information about all Economics MSc programmes contact: The Postgraduate Administrator – +44 (0)121 414 6650; e.p.steadman@bham.ac.uk or visit [www.birmingham.ac.uk/students/courses/postgraduate](http://www.birmingham.ac.uk/students/courses/postgraduate)

### Development Economics MSc

This programme reflects our strength in theoretical and applied policy areas, particularly as they concern emerging and developing countries. A technical training in the formal

analysis of developmental economics is vital to careers involving developing countries. You are expected to complete a dissertation.

### Economics MSc

This programme provides an advanced training in economic theory and econometrics and application of these to achieve a sophisticated understanding of policy issues. It constitutes the taught part of an ESRC-recognised '1+3' programme leading to a PhD degree, reflecting the strength of our diverse research interests. You are expected to complete a dissertation.

# Birmingham Business School

## Environmental and Natural Resource Economics MSc

Environmental and natural resource economists deal with mankind's most challenging problems, such as global climatic change, environmental pollution, deforestation, biodiversity loss, water scarcity and food poverty. You will understand these fundamental problems, and design policies to solve them.

## International Economics MSc

This programme reflects the fundamental importance of this area in the present age and the fact that it is a particular teaching and research strength of the Department. Globalisation of the world economy means that a training in international economics is now of vital importance in many careers. You are expected to complete a dissertation.

## International Money and Banking MSc

This programme complements the MSc in Money, Banking and Finance and is of particular interest to those wishing to pursue careers in the financial sector. It provides you with an advanced knowledge of the related disciplines of macroeconomics, banking, international finance and financial markets. You are expected to complete a dissertation.

## Mathematical Finance MSc

This programme, taught jointly with the School of Mathematics, provides the skills that will enable technically minded graduates (including those with backgrounds in mathematics, science and engineering) to apply their quantitative training to financial analysis. In most cases we expect that graduates from the Masters will take positions in quantitative analysis (or similar) in major financial institutions, such as in the City. The programme also prepares you to pursue further studies in academia. You are expected to complete a dissertation.

## Money, Banking and Finance MSc

This is our most popular programme. There is a worldwide demand for those trained in the area, which shows no sign of abating. Graduates from the programme hold high-ranking positions in financial centres around the globe. In addition to those aiming

at careers in the private sector, it attracts economists currently working in economics, treasury or finance ministries, or in central banks, and graduates preparing for such careers. You take a number of compulsory modules and an optional module, and are required to produce a dissertation.

## Research programmes

### Economics PhD/MPhil

Research is supervised within five research groups as follows:

#### Econometrics

Research includes:

- Mathematical methods in economics; economic methodology and philosophy
- Modelling and forecasting economic time series
- Time series econometrics

#### Economic Theory

Research includes:

- Microeconomic theory, specifically economic growth; mathematical economics
- Applied game theory and mechanism design
- Environmental economics, in particular climate change; institutions and capital flight; voting theory

#### Money, Macroeconomics and Finance

Research includes:

- History of 20th-century economics; economic methodology
- Financial sector reform; financial institutional behaviour
- International monetary economics, in particular monetary integration



Course finder **Apply online** (see pages 24–25)



### Political Economy and Economic Policy

Research includes:

- International trade and industrial organisation; development economics; technology and innovation economics
- Public choice; electoral systems; crime, neighbourhood effects and rights
- Economic growth and income distribution; public economics, pensions and education; debt and default

### Trade, Energy and Environment

- Trade and the environment; economic development and the environment; valuation of non-market goods
- Empirical international trade; intra-industry trade; economic geography; European integration; trade and the environment
- The electricity industry; electricity markets; economic regulation

Contact: Professor David Maddison – +44 (0)121 414 6653;  
d.j.maddison@bham.ac.uk

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
**[www.birmingham.ac.uk/drp](http://www.birmingham.ac.uk/drp)**

# Birmingham Business School

## MANAGEMENT

FT Full-time  
PT Part-time  
DL Distance Learning

Programmas	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Human Resource Management MSc	2:1 (Hons) from a UK university or international equivalent	£7,740 FT only	£15,525 FT only	1 year FT 2 years FT (for those who do not meet the standard requirements)	29/09/14
Human Resource Management with CIPD Pathway MSc	2:1 (Hons) from a UK university or international equivalent	£8,240 FT only	£16,025 FT only	1 year FT	22/09/14
International Business MSc	2:1 (Hons) from a UK university or international equivalent	£11,070 FT only	£15,525 FT only	1 year FT 2 years FT (for those who do not meet the standard requirements)	22/09/14
RESEARCH					
Integrated Study (Business and Management) PhD with Integrated Study	2:1 (Hons) degree in a relevant subject	£3,950 FT £1,975 PT	£13,855 FT only	4 years FT	29/09/14
Management PhD/MPhil/ MSc by Research	2:1 (Hons) degree and a Masters degree with at least UK Merit level	£3,950 FT £1,975 PT	£13,855 FT only	PhD: 3 years FT 6 years PT MPhil: 2 years FT 4 years PT MSc by Research: 1 year FT 2 years PT	29/09/14

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014–15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

## Taught programmes

Unless otherwise stated, your contact for all MSc programmes is: MSc admissions – +44 (0)121 415 8273; [msc admissions@lists.bham.ac.uk](mailto:msc admissions@lists.bham.ac.uk)

### Human Resource Management MSc

Many organisations claim 'our people are our most important asset' and that the HRM function is increasingly significant to business strategy and success. Activities such as recruitment, selection, managing labour relations, training and career development are important to the effectiveness of organisations wherever they are located.

The MSc HRM pathway offers a suite of core and elective modules that explore and critically assess relevant and contemporary HRM-related theories and research, giving insight into their practical applications.

### Human Resource Management with CIPD Pathway MSc

The MSc HRM (with CIPD Pathway) offers a set of core modules, which provide access to CIPD membership and a greater focus on the development of professional managerial skills. The programme has recently been reaccruited by CIPD for a further five years.





**Course finder** Apply online (see pages 24–25)



#### ACCREDITATIONS

Chartered Institute of Personnel  
Development (CIPD)

#### International Business MSc

The programme draws on the talents of internationally esteemed scholars and highly respected teachers. Their expertise covers globalisation, the international aspects of accounting and finance, corporate governance, e-commerce, human resource management, marketing, organisation of multinational corporations, operations and procurement and strategy. Regional specialists with expertise on Africa, China, Europe and Latin America also teach on the programme.

### Research programmes

#### Integrated Study (Business and Management)

PhD with Integrated Study

A four-year PhD programme that allows you to gain added value from taught subject-based modules as well as undertaking original research. The taught modules allow you to broaden, as well as deepen, your subject knowledge at the same time as undertaking your own research and developing a set of transferable professional skills. The programme will facilitate the creation and interpretation of new knowledge by the research student, demonstrated through the thesis.

Contact: Doctoral Programmes Office Administrator –  
+44 (0)121 414 3498; [pgbusiness@bham.ac.uk](mailto:pgbusiness@bham.ac.uk)

#### Management PhD/MPhil/MSc by Research

The Department covers a wide range of interests in the fields of:

- Managerial Economics
- Human Resource Management
- International Business
- International Management and Organisational Studies
- Labour and Managerial Economics
- Procurement
- Operations Management

Contact: Dr John Gibney – +44 (0)121 414 3051;  
[j.gibney@bham.ac.uk](mailto:j.gibney@bham.ac.uk)

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
**[www.birmingham.ac.uk/drps](http://www.birmingham.ac.uk/drps)**

# Birmingham Business School

## MARKETING

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
International Marketing MSc	2:1 (Hons) from a UK university or international equivalent	£9,270 FT only	£15,525 FT only	1 year FT	22/09/14
Marketing MSc	2:1 (Hons) from a UK university or international equivalent	£9,270 FT only	£15,525 FT only	1 year FT 2 years FT (for those who do not meet the standard requirements)	22/09/14
Marketing Communications MSc	2:1 (Hons) in Marketing, or a degree containing at least 2 Marketing modules; or a different degree plus at least 2 years' FT marketing work experience	£9,270 FT only	£15,525 FT only	1 year FT	22/09/14
Strategic Marketing and Consulting MSc	2:1 (Hons) in Marketing, or a degree containing at least 2 Marketing modules; or a different degree plus at least 2 years' FT marketing work experience	£9,270 FT only	£15,525 FT only	1 year FT	22/09/14
MSc Programmes – flexible route	A degree or equivalent qualification	£6,180 year 1 £9,270 year 2	£12,565 year 1 £15,525 year 2	2 years FT	29/09/14
RESEARCH					
Marketing PhD/MPhil/MSc by Research	2:1 (Hons) degree and a Masters degree with at least UK Merit level	£3,950 FT £1,975 PT	£13,855 FT only	PhD: 3 years FT 6 years PT MPhil: 2 years FT 4 years PT MSc by Research: 1 year FT 2 years PT	29/09/14

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014-15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

## Taught programmes

Unless otherwise stated, your contact for all MSc programmes is:

MSc admissions – +44 (0)121 415 8273;

[mscadmissions@lists.bham.ac.uk](mailto:mscadmissions@lists.bham.ac.uk)

### International Marketing MSc

A unique feature of the MSc International Marketing programme is the emphasis on multicultural team working. The programme provides the theoretical frameworks and develops the necessary practical skills for a successful international career. The programme is aimed at individuals without previous marketing knowledge or experience who wish to have a global perspective

to learning. Students learn how to develop and execute global marketing strategies, work effectively in multicultural teams and by the end of their studies are ready to take jobs and postings in whatever part of the world their company might want to send them.

### Marketing MSc

This is a conversion programme, essentially designed for graduates without previous knowledge or experience of marketing. It is also attractive for those looking to further develop a career in marketing. The unique feature of this programme is the fundamental underpinning provided by compulsory modules and the programme's flexibility: students are free to specialise



## Course finder **Apply online** (see pages 24–25)



in a particular area through electives and their dissertation. The programme is recognised by the ESRC for research training and also has exemptions from parts of the Chartered Institute of Marketing Professional Diploma.

### **Marketing Communications** MSc

MSc Marketing Communications is designed for recent graduates and also practising marketers who are already familiar with basic marketing concepts. The balance between theory and practice, backed by strong links with the communications industry, is reflected in the use of leading academics as well as communication consultants and practitioners who run modules and projects on the programme.

The programme will develop your critical awareness of contemporary strategic marketing issues, the role of communications in marketing, and a critical approach to the principles and practice involved in planning, creating, managing and evaluating communication campaigns which incorporate both traditional and new media. The programme is supported by Wyatt International, a leading UK Marketing Communications and PR specialist.

### **Strategic Marketing and Consulting** MSc

This programme has been designed for recent graduates and practising managers who are already familiar with basic marketing concepts. A distinctive feature of the programme is the use of consultancy projects as a vehicle for learning and as a means of developing valuable personal skills for marketing and consulting careers.

The programme enables students to develop advanced knowledge and understanding of current challenges facing marketers and to deepen their insights in the theory and practice of specialist aspects of marketing. The programme is supported by Accenture, the global management consulting, technology services and outsourcing company.

### **MSc Programmes** – flexible route

For those not qualified for direct entry to the one-year MSc programmes, a preliminary year is available. The 24-month MSc programme provides a flexible entry route onto some of our MSc programmes. Initially you gain a sound academic grounding in financial and managerial issues. You then continue into your area of expertise, with MSc-specific modules. For more information, see the Graduate Diploma in Business Administration on page 224.

## **Research programmes**

### **Marketing** PhD/MPhil/MSc by Research

The recruitment of postgraduate researchers in Marketing is aligned to the five interdisciplinary research priorities of Birmingham Business School. Each member of the Marketing Department strives to recruit postgraduate researchers who will help generate first class, meaningful research that is of value to marketing practitioners, policy makers and educators.

Specialist areas of research include:

- Business to business marketing
- Brand marketing
- Consumer behaviour
- Consumer and marketing ethics
- Corporate social responsibility
- E-marketing
- Experiential marketing
- International marketing
- Innovation management
- Marketing communications
- Marketing strategy
- Sustainable marketing

Contact: Dr Tao Zhang – +44 (0)121 414 8318;  
t.zhang.1@bham.ac.uk

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
**[www.birmingham.ac.uk/drps](http://www.birmingham.ac.uk/drps)**



'I think that social media and the web generally have opened up possibilities in terms of research, but this still has to be embedded within theoretical ideas on existing behaviour. With Doga's research the important thing is that recognising how we respond to complaints is a very important part of marketing.'

*Isabelle Szmigin, Professor of Marketing, Birmingham Business School, pictured with her PhD student Doga Istanbuluoglu. They are both interested in consumer complaining behaviour on social networking sites.*

**LEARN MORE** [www.birmingham.ac.uk/pgprofiles](http://www.birmingham.ac.uk/pgprofiles)

# School of Education

## ACCREDITATIONS

Economic and Social Research Council (ESRC)

Ofsted outstanding 2012–2013

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Secondary Education (Qualified Teacher Status) PGDipEd	A degree or equivalent qualification in the area you wish to teach; plus English Language and Mathematics at GCSE grade C or above, or the equivalent. You must also pass Professional Skills Tests in numeracy and literacy	£9,000 FT only	£13,665 FT only	36 weeks FT (Mathematics for non-specialists also has a 72-week option)	09/14
Primary Education: General Primary, Early Years or Primary Mathematics Specialist (Qualified Teacher Status) PGDipED	2:1 (Hons) or above in any subject; plus English Language, Mathematics and Science at GCSE grade C or above, or the equivalent; plus at least 5 days' teaching experience in a maintained primary school. You must also pass Professional Skills Tests in numeracy and literacy	£9,000 FT only	£13,665 FT only	38 weeks FT	09/14
Autism (Children) MEd//MEd by DL/BPhil/PGDip/PGDip by DL/PGCert/PGCert by DL/AdCert	MEd: a degree or equivalent qualifications; plus a professional training programme; plus relevant experience BPhil: a degree or equivalent qualifications, or 5 years' relevant professional experience and a background in Education PGDip: a degree or equivalent qualifications PGCert: a degree or equivalent qualifications AdCert: professional qualifications; or the equivalent of 240 credits from a 2-year full-time higher education programme; or 5 years' relevant professional experience and a background in education	MEd: £5,940 FT £2,930 PT BPhil: £4,036 FT £2,018 PT PGDip: £3,960 FT £1,980 PT PGCert: £1,980 PT only AdCert: £2,018 PT only	MEd: £13,665 FT £4,555 PT BPhil: £12,565 FT PGDip: £9,110 FT £4,555 PT PGCert: £4,555 PT only AdCert: £6,282.50 PT	MEd: 1 year FT 3-6 years PT BPhil: 1 year FT 2-3 years PT PGDip: 1 year FT 2-4 years PT PGCert: 1 year PT AdCert: 4 months FT 1 year PT	09/14
Autism (Adults) MEd by DL/BPhil by DL/PGDip by DL/PGCert by DL/AdCert by DL	MEd: a degree or equivalent qualifications; plus a professional training programme; plus relevant experience BPhil: a degree or equivalent qualifications, or 5 years' relevant professional experience and a background in Education PGDip: a degree or equivalent qualifications PGCert: a degree or equivalent qualifications AdCert: professional qualifications; or the equivalent of 240 credits from a 2-year full-time higher education programme; or 5 years' relevant professional experience and a background in Education	MEd: £2,930 PT only BPhil: £2,968 PT only PGDip: £2,930 PT only PGCert: £2,930 PT only AdCert: £2,968 PT only	MEd: £4,555 PT only BPhil: £3,142 PT only PGDip: £4,555 PT only PGCert: £4,555 PT only AdCert: £6,282.50 PT only	MEd: 3-6 years PT BPhil: 2-3 years PT PGDip: 2-4 years PT PGCert: 1-2 years PT AdCert: 1-3 years PT	09/14
Bilingualism in Education MEd by DL/PGDip by DL/PGCert by DL	MEd: a degree or equivalent qualifications; plus a professional training programme; plus relevant experience PGDip: a degree or equivalent qualifications PGCert: a degree or equivalent qualifications	NASSEA-funded students: £1,980 PT only Non-NASSEA-funded students: £2,655 PT only	£4,555 PT only	MEd: 2-6 years PT PGDip: 2-4 years PT PGCert: 1-2 years PT	09/14
Education for Health Professionals MEd/PGDip/PGCert	A degree or equivalent qualifications; normally a position within the health service or other involvement in the training of health professionals. Entry to the PGDip requires completion of the PGCert, and entry to the MEd requires completion of the PGDip	£3,090 PT only	£3,090 PT only	MEd: 3 years PT PGDip: 2 years PT PGCert: 1 year PT	09/14

CONTINUED OVERLEAF

# School of Education

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT (continued)					
Inclusion and Special Educational Needs MEd/MEd by DL/MA/BPhil/ BPhil by DL/PGDip/PGDip by DL/ PGCert/PGCert by DL/AdCert/ AdCert by DL	MA: a degree or equivalent qualifications MEd: a degree or equivalent qualifications; plus a professional training programme; plus relevant experience BPhil: a degree or equivalent qualifications, or 5 years' relevant professional experience and a background in Education PGDip: a degree or equivalent qualifications PGCert: a degree or equivalent qualifications AdCert: professional qualifications; or the equivalent of 240 credits from a 2-year full-time higher education programme; or 5 years' relevant professional experience and a background in education	MEd/MA: \$5,940 FT £2,655 PT BPhil: \$4,036 FT £2,018 PT PGDip: \$3,960 FT £1,980 PT PGCert: \$1,980 FT/PT AdCert: \$2,693 PT only	MEd: \$13,655 FT \$4,555 DL MA: \$13,665 FT BPhil: \$12,565 FT \$6,282.50 DL PGDip: \$9,110 FT \$4,555 DL PGCert: \$4,555 FT \$4,555 DL AdCert: \$6,282.50 FT	MEd/MA: 1 year FT 3 years PT BPhil: 1 year FT 1–2 years PT PGDip: 1 year FT 2 years PT PGCert: 4 months FT 1 year PT AdCert: 1 Year PT	09/14
International Studies in Education MEd/MA/BPhil/PGDip/PGCert/ AdCert	MA: a degree or equivalent qualifications MEd: a degree or equivalent qualifications; plus a professional training programme; plus relevant experience BPhil: a degree or equivalent qualifications, or 5 years' relevant professional experience and a background in Education PGDip: a degree or equivalent qualifications PGCert: a degree or equivalent qualifications AdCert: professional qualifications; or the equivalent of 240 credits from a 2-year full-time higher education programme; or 5 years' relevant professional experience and a background in Education	MEd/MA: \$5,940 FT £1,980 PT BPhil: \$4,036 FT £2,018 PT PGDip: \$3,960 FT £1,980 PT PGCert: \$1,980 FT/PT AdCert: \$2,018 FT/PT	MEd/MA: \$13,665 FT only BPhil: \$12,565 FT only PGDip: \$9,110 FT only PGCert: \$4,555 FT only AdCert: \$6,282.50 FT only	MEd/MA: 1 year FT 2–6 years PT BPhil: 1 year FT 2–3 years PT PGDip: 1 year FT 2–4 years PT PGCert: 4 months FT 1–2 years PT AdCert: 4 months FT 1–3 years PT	09/14
Language, Literacies and Dyslexia MEd by DL/PGDip by DL/PGCert by DL	A degree or equivalent qualifications; plus at least 1 year's relevant experience; plus regular access to learners/students with dyslexia-type needs throughout the duration of the programme	£2,380 PT only	MEd only: \$4,555 PT only	MEd: 3 years PT PGDip: 2 years PT PGCert: 1 year PT	08/14
Management of Special Education in Developing Countries MEd/ BPhil/PGDip	MEd: a degree or equivalent qualifications; plus a professional training programme; plus relevant experience BPhil: a degree or equivalent qualifications, or 5 years' relevant professional experience and a background in education PGDip: a degree or equivalent qualifications	MEd: \$5,940 FT BPhil: \$4,036 FT PGDip: \$3,960 FT	MEd: \$13,665 FT BPhil: \$12,565 FT PGDip: \$13,665 FT	MEd: 1 year FT BPhil: 1 year FT PGDip: 1 year FT	09/14
Multisensory Impairment (Deafblindness) MEd by DL/ BPhil by DL/PGDip by DL/PGCert by DL/AdCert by DL	MEd: a degree or equivalent qualifications; plus a professional training programme; plus relevant experience BPhil: a degree or equivalent qualifications, or 5 years' relevant professional experience and a background in Education PGDip: a degree or equivalent qualifications PGCert: a degree or equivalent qualifications AdCert: professional qualifications; or the equivalent of 240 credits from a 2-year full-time higher education programme; or 5 years' relevant professional experience and a background in education	MEd: £2,655 PT only BPhil: (Mandatory): £2,693 PT only (Non-Mandatory): £2,455 PT only PGDip: (Mandatory): £2,655 PT only (Non-Mandatory): £2,485 PT only PGCert: £2,655 PT only AdCert: £2,693 PT only	MEd: \$4,555 PT only BPhil: \$6,282.50 PT only PGDip: \$4,555 PT only PGCert: \$4,555 PT only AdCert: \$6,282.50 PT only	MEd: 3–6 years PT BPhil: 2–3 years PT PGDip: 2–4 years PT PGCert: 1 year PT AdCert: 4–36 months PT	09/14





## Course finder Apply online (see pages 24–25)

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Professional Studies MEd/MEd by DL/MA/BPhil/BPhil by DL/PGDip/PGDip by DL/PGCert/PGCert by DL/AdCert/AdCert by DL	MA: a degree or equivalent qualifications MEd: a degree or equivalent qualifications; plus a professional training programme; plus relevant experience BPhil: a degree or equivalent qualifications, or 5 years' relevant professional experience and a background in Education PGDip: a degree or equivalent qualifications PGCert: a degree or equivalent qualifications AdCert: professional qualifications; or the equivalent of 240 credits from a 2-year full-time higher education programme; or 5 years' relevant professional experience and a background in education	MEd: £5,940 FT £2,655 DL MA: £5,940 FT £1,980 PT BPhil: £4,036 FT £2,018 DL PGDip: £3,960 FT £1,980 PT £2,655 DL PGCert: £1,980 FT £2,655 DL AdCert: £2,018 FT	MEd: £13,655 FT £4,555 DL MA: £13,665 FT BPhil: £12,565 FT £6282.50 DL PGDip: £9,110 FT £4,555 DL PGCert: £4,555 FT £4,555 DL AdCert: £6,282.50 FT	MEd: 1 year FT MA: 1 year FT 3 years PT BPhil: 1 year FT PGDip: 1 year FT 2 years PT PGCert: 1 year FT AdCert: 1 year FT	09/14
School Improvement and Educational Leadership MA/PGDip/PGCert	A degree or equivalent qualifications	MA: £5,940 FT £2,970 PT PGDip: £3,960 FT £1,980 PT PGCert: £1,980 FT/PT	MA: £13,665 FT £4,555 PT PGDip: £9,110 FT £4,555 PT PGCert: £4,555 FT/PT	MA: 1 year FT 2–6 years PT PGDip: 8 months FT 16 months PT PGCert: 4 months FT 8 months PT	09/14
Severe, Profound and Multiple Learning Difficulties MEd/BPhil/PGDip/PGCert/AdCert	Applicants need to have relevant experience with learners who have SLD/PMLD and access to at least one learner with SLD/PMLD during the modules. In addition: MEd: a degree or equivalent qualifications; plus a professional training programme; plus relevant experience BPhil: a degree or equivalent qualifications, or 5 years' relevant professional experience and a background in Education PGDip: a degree or equivalent qualifications PGCert: a degree or equivalent qualifications AdCert: professional qualifications; or the equivalent of 240 credits from a 2-year full-time higher education programme; or 5 years' relevant professional experience and a background in education	MEd: £1,980 PT only BPhil: £2,018 PT only PGDip: £1,980 PT only PGCert: £1,980 PT only AdCert: £2,018 PT only	MEd: £4,555 PT only BPhil: £6,282.50 PT only PGDip: £4,555 PT only PGCert: £4,555 PT only AdCert: £6,282.50 PT only	MEd: 3 years PT BPhil: 2 years PT PGDip: 2 years PT PGCert: 1 year PT AdCert: 1 year PT	09/14
Social, Emotional and Behavioural Difficulties MEd by DL/BPhil by DL/PGDip by DL/PGCert by DL/AdCert by DL	MA: a degree or equivalent qualifications MEd: a degree or equivalent qualifications; plus a professional training programme; plus relevant experience BPhil: a degree or equivalent qualifications, or 5 years' relevant professional experience and a background in Education PGDip: a degree or equivalent qualifications PGCert: a degree or equivalent qualifications AdCert: professional qualifications; or the equivalent of 240 credits from a 2-year full-time higher education programme; or 5 years' relevant professional experience and a background in education	MEd: £2,930 PT only BPhil: £2,968 PT only PGDip: £2,930 PT only PGCert: £2,930 PT only AdCert: £2,968 PT only	MEd: £4,555 PT only BPhil: £6,282.50 PT only PGDip: £4,555 PT only PGCert: £4,555 PT only AdCert: £6,282.50 PT only	MEd: 3 years PT BPhil: 2 years PT PGDip: 2 years PT PGCert: 1 year PT AdCert: 1 year PT	09/14
Special Educational Needs Co-ordination (National Award) PGCert	Applicants should be SENCOs with Qualified Teacher Status or teachers working in pupil referral units	£1,980 PT only Usually funded by Department for Education	UK/EU students only	1 year PT	Variable. Please contact the School directly

# School of Education

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT (continued)					
Teachers of Children with Hearing Impairment MEd by DL/BPhil by DL/PGDip by DL	Candidates wishing to gain recognition from the Teaching Agency as a qualified teacher of the deaf must already be qualified to teach school-aged children in England and are expected to have a minimum of 2 years' teaching or other appropriate professional experience. In addition: MEd: a degree or equivalent qualifications; plus a professional training programme; plus relevant experience BPhil: a degree or equivalent qualifications, or 5 years' relevant professional experience and a background in education PGDip: a degree or equivalent qualifications	(Mandatory): MEd: £2,655 PT only BPhil: £2,693 PT only PGDip: £2,655 PT only (Non-Mandatory): MEd: £2,600 PT only BPhil: £5,120 PT only PGDip: £2,600 PT only	MEd: £4,555 PT only BPhil: £6,282.50 PT only PGDip: £4,555 PT only	MEd: 3-6 years PT BPhil: 2-3 years PT PGDip: 2-4 years PT	09/14
Teaching English as a Foreign Language (TEFL) MA/PGDip/PGCert	MA: a degree or equivalent qualifications PGDip: a degree or equivalent qualifications PGCert: a degree or equivalent qualifications AdCert: professional qualifications; or the equivalent of 240 credits from a 2-year full-time higher education programme; or 5 years' relevant professional experience and a background in education	MA: £5,940 FT £2,970 PT PGDip: £3,960 FT £1,980 PT PGCert: £1,980 FT/PT	MEd: £13,665 FT only PGDip: £9,110 FT only PGCert: £4,555 FT only	MA: 1 year FT 2-6 years PT PGDip: 1 year FT PGCert: 4 months FT	09/14
Visual Impairment: Mandatory and Non-Mandatory Qualification for Teachers of Children with Visual Impairment MEd by DL/BPhil by DL/PGDip by DL	Applicants must have Qualified Teacher Status and at least 3 years' teaching experience. They must have access to children with visual impairment throughout the duration of the programme. Applicants who are not currently working with children with visual impairment will be required to undertake a programme of visits as directed by the programme tutors, and/or to align themselves to an appropriate school or service prior to commencing their studies. In addition: MEd: a degree or equivalent qualifications; plus a professional training programme; plus relevant experience BPhil: a degree or equivalent qualifications, or 5 years' relevant professional experience and a background in education PGDip: a degree or equivalent qualifications	MEd: £3,215 PT only BPhil: £3,253 PT only PGDip: £3,215 PT only	MEd: £4,555 PT only BPhil: £6,282.50 PT only PGDip: £4,555 PT only	MEd: 3-6 years PT BPhil: 2-3 years PT PGDip: 2-4 years PT	09/14
RESEARCH					
Educational Studies MRes	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	1 year FT 2 years PT	Variable. Please contact the School directly
Education and Learning PhD with Integrated Study	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	4 years FT 8 years PT	Variable. Please contact the School directly



## Course finder [Apply online](#) (see pages 24–25)



Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
RESEARCH					
Applied Educational and Child Psychology AppEd and ChildPsyD	2:1 (Hons) in Psychology, rendering you eligible for the Graduate Basis for Chartered Membership with the British Psychological Society; you must also have worked with children and young people (0–19 years) for at least one year	£3,950 FT only	£12,565 FT only	3 years FT	Variable. Please contact the School directly
Leaders and Leadership in Education EdD	2:1 (Hons) in a relevant subject; relevant professional experience is desirable	£3,950 FT £1,975 PT	£12,565 FT only	3 years FT 4–6 years PT	09/14
Learning and Learning Contexts EdD	2:1 (Hons) in a relevant subject; relevant professional experience is desirable	£3,950 FT £1,975 PT	£12,565 FT only	3 years FT 4–6 years PT	09/14
Education PhD/MA by Research	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	PhD: 3 years FT, 6 years PT, MA: 1 year FT 2 years PT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014–15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

Education is a research-led school and recognised as a leader in the field in the UK and internationally. Our research contributes to academic, industry and media debates worldwide. The School continues to attract significant research investment and has launched a new research centre – The Centre for Research in Race and Education, which was opened by Baroness (Doreen) Lawrence OBE. The School of Education contributes to an Economic and Social Research Council (ESRC) research training programme – the MA Social Research (see page 220).

The University is one of only 12 UK institutions to have been awarded Doctoral Training Centre status by the ESRC, the UK funding body for social sciences. The Centre draws on expertise across the social sciences at Birmingham to deliver outstanding postgraduate training for more than 70 social scientists. It also reaches out to staff, students, and policy makers beyond the University through its programme of short course research training opportunities.

### Facilities

We have facilities to suit your needs depending on the type of programme you are studying with us. In addition to the University campus, library and computer facilities, we have our own

Education Library based within the main Education building with specialised resources including education sector-specific literature. If you study on our distance education courses you can enjoy being part of an online community with excellent peer support. There is a wealth of teaching materials including online access to journals, e-library, paper-based study materials and online discussions.

As a full-time research student you have 24-hour access to work space in our research suite, where there are computer and telephone facilities. You also have access to University libraries and computer facilities, as well as other entitlements such as grants towards conference attendance and photocopying. Many research students work with supervisors to publish articles, working with the policy community to make their work public.

### Postgraduate study

We offer an extensive range of postgraduate programmes and these include postgraduate taught programmes, combined research and taught programmes, and doctoral research programmes. These courses provide a flexible range of professional development opportunities for those who want to train to teach, existing teachers and other educational practitioners as well as research-based study

# School of Education

and research training opportunities. Many programmes in the School of Education can be taken full- or part-time, with some having options for flexible distance learning.

## Teacher training

We have a long tradition of delivering PGCE primary and secondary courses which are rated as 'outstanding' by Ofsted. Our PGCE courses have now been renamed Postgraduate Diploma in Secondary Education (Qualified Teacher Status) and Postgraduate Diploma in Primary Education (PGCE Advanced) to reflect the higher level of credit we award for these programmes. The School also offers the MA Social Research – see page 220 for details.

## Professional development

We offer a broad range of post-experience and professional training courses from certificate to Masters-level study for people with an interest or working in education. Our professional development courses are designed to reflect work-based practice, while also benefiting from the internationally significant research that is inherent in our strong academic knowledge base. Designed for existing education practitioners, or those wishing to embark on a career in a new field, our Masters programmes are specifically developed to be sector-specific. Our Diploma and Certificate programmes offer a different entry level and may allow progression to a Masters qualification.

Our portfolio of programmes is based around the following key areas of focus within education: disability, inclusion and special needs; professional education; and education and social justice. Please see our website for a full list of programmes available: [www.birmingham.ac.uk/students/cpd](http://www.birmingham.ac.uk/students/cpd)

## Research programmes

We offer varied opportunities to undertake research programmes that will support the growth of research skills and build on subject knowledge. We provide comprehensive research training

and opportunities to take part in regular research seminars where speakers present work at the forefront of current debates within the field. The interdependence of research with development and professional practice means that we welcome the contribution of research students to our academic community.

## Careers prospects/employability

Whether you are at the start of your career in education or you are looking to develop in a new direction within education, our graduates are highly successful and obtain jobs or continue working within schools, colleges, local authorities, government departments, residential care, vocational or support and therapeutic services, community projects, sector-specific organisations and the third sector.

## Additional entry requirements for research programmes

When making your application, you are required to submit a three-to-four page (A4) typed research proposal, which outlines the nature of your proposed study. This proposal will not be held as a final contract and may change in negotiation with your supervisor. However, it is an indication that you have the background ideas and knowledge to begin independent research in the broad area of your interest. It also enables us to send your application to appropriate members of staff for consideration. Further information is available from the Student Research Office.

## Scholarships and studentships

A variety of scholarships are available. Please see page 20 for details or consult the University's postgraduate funding database: [www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

Learn more

[www.birmingham.ac.uk/education](http://www.birmingham.ac.uk/education)



## Course finder Apply online (see pages 24–25)

### Initial Teacher Education, Teacher Training at Birmingham

The School of Education at the University of Birmingham has an established reputation for delivering PGCE Secondary and Primary courses. We believe we should provide student teachers with the highest level of teacher training possible, and this is why we have renamed our PGCE courses Postgraduate Diploma in Education to reflect the higher level of credit we award. Based on the experiences of our successful PGCE graduates, teacher training at Birmingham has an excellent and proven track record. Our courses are rigorous and challenging, providing an excellent preparation for a successful career in teaching.

Our postgraduate diploma courses are assessed at Masters level – providing our students with the head start they need to set them apart from other graduates. On successful completion of our course you will be awarded 120 credits (many other university teacher training courses only award up to 60 credits at Masters level) and recommended for Qualified Teacher Status (QTS). For those students who successfully complete their induction year there is a further opportunity to transfer credits to the MEd course which is awarded on completion of a 60-credit dissertation (transfer is subject to a satisfactory reference from your University tutor and induction tutor).

#### Postgraduate Diploma Secondary Education (QTS) – via various subject routes

A 36-week programme including the following areas of study: subject-based teaching methods; school-based work, and whole-school issues. You will work with pupils from Key Stages 3 and 4 of the National Curriculum and with those in the 16-plus age group; from the very able to those with learning difficulties, and in a variety of settings. Main subject programmes are available in:

- English
- Geography
- History
- History and Citizenship
- Mathematics (a two-year route is also available for non-specialists)



- Modern Foreign Languages (French, German, Spanish)
- Physical Education
- Physics with Mathematics
- Religious Education
- Science (Biology, Chemistry and Physics)

The PGDipEd (QTS) award is subject to completion of all areas of study, and to satisfactory assessment of professional studies via six modules, subject-based work and school practice.

You should have a degree (2:2 or above, although some subjects require 2:1) or equivalent qualification in a relevant subject plus, on application, English Language and Mathematics at GCE O level, GCSE grade C or above, or CSE grade 1 or the equivalent. You will need to take the Numeracy and Literacy Skills Test as part of the application process, and ensure you have passed them both before the start of the course. For the two-year Mathematics course it is expected, in addition to the above conditions, that you will normally have an A level in Mathematics, together with some Mathematics as part of your degree.

Contact: Mel Hardy – +44 (0)121 414 4860;  
m.hardy@bham.ac.uk; itesecondary@contacts.bham.ac.uk

#### Postgraduate Diploma Primary Education (PGCE Advanced) General Primary or Early Years

We are able to offer a choice of routes, so you can prepare as a teacher across the full 5–11 age range or specialise instead in early years teaching (3–7 age range). Both programmes last for 38 weeks; the equivalent of 24 of which will be spent in schools.

- General Primary programme (5–11 years)
- You follow courses that address the statutory curricula for the core and foundation subjects alongside Professional Studies.
- General Primary programme with specialism in Mathematics
- Early Years programme (3–7 years)

You spend time in nursery classes, as well as teaching children of school age and follow the same courses as those on the General Primary programme, in addition to an advanced study of early years education.

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School-based experiences are a central part of these programmes, with opportunities for you to experience a range of ages within different schools. Both programmes feature professional courses to help you plan, teach, and develop your classroom skills, and are designed to meet the standards of QTS.

You should have a degree (preferably 2:1 or above) and need GCSE grade C or above, or the equivalent, in English Language, Mathematics and Science. Candidates must have a minimum of five days' recent teaching experience within a maintained primary school.

Contact: Yvonne Dwyer – +44 (0)121 414 5335;  
y.r.dwyer@bham.ac.uk; iteprimary@contacts.bham.ac.uk

## School Direct

Building on our established reputation for our successful teacher training programmes, we are now offering School Direct places. We are offering both the non-salaried and the salaried options in partnership with local schools as routes into teacher training. At the University of Birmingham we are keen to partner with schools who view our partnership as broader than initial teacher education.

We are able to offer School Direct in the subject specialisms listed above for both primary and secondary for both the salaried and non-salaried routes. We are also able to support additional subjects to the list above. Please get in touch with us for more information:

Simon Asquith, Head of Department, Department of Professional Education – +44 (0) 121 414 7607; s.asquith@bham.ac.uk  
[www.birmingham.ac.uk/school-direct](http://www.birmingham.ac.uk/school-direct)

## Taught programmes

Contact for distance learning programmes:

Neil Hall – +44 (0)121 414 4841; n.hall.1@bham.ac.uk

### Autism (Children) MEd/BPhil/PGDip/PGCert/AdCert

Available as a taught course on campus (full-time or part-time) or as a distance education course, these programmes are designed for professionals working with children and young people on the autism spectrum, including Asperger syndrome: this might be the early years, in schools, residential care, or in advisory, support or therapeutic services. The programmes give you knowledge of the autism spectrum, based on theory, research and practice, and develop skills in identifying and meeting the needs of these children while improving your awareness of different approaches and models of service delivery, particularly in the area of education. The programmes are approved by the British Psychological Society (BPS) Continuing Professional Development Scheme.

Contact: Dr Glenys Jones – +44 (0)121 414 7102;  
g.e.jones@bham.ac.uk

### Autism (Adults) MEd/BPhil/PGDip/PGCert/AdCert

A distance education programme designed for practitioners working with adults across the autism spectrum within colleges, vocational support or therapeutic services. You can attend residential weekends at the University and join a tutor group with its own regional tutor. We provide online resources to support our students, so you have a network are not working in isolation. You are introduced to the latest research and current best practice, with a focus on issues that apply to the adult sector. The course gives a broad coverage, encouraging you to evaluate your own practice.

Contact: Ms Andrea MacLeod – +44 (0)121 415 8442;  
a.g.macleod@bham.ac.uk





'I came from Greece to study here because the Autism Centre for Education and Research at Birmingham is very well known. Doing my PhD at Birmingham gave me the opportunity to carry out a lot of school-based research, working with teachers and parents to find real-world solutions to real problems in the classroom and at home.'

*Dr Lila Kossyvaki, Research Fellow, School of Education, pictured at Topcliffe Primary School in Birmingham with PhD student Marilena Mademtzi and Dr Karen Guldberg, Director of the Autism Centre for Education and Research.*

**LEARN MORE** [www.birmingham.ac.uk/pgprofiles](http://www.birmingham.ac.uk/pgprofiles)

# School of Education

## Bilingualism in Education MEd/PGDip/PGCert

A distance education programme aimed at teachers and educational practitioners working in multilingual and multicultural schools. It aims to help you work more effectively with children and young people learning English as an additional or second language.

Contact: Dr Adrian Blackledge – +44 (0)121 414 8221;  
a.j.blackledge@bham.ac.uk

## Education for Health Professionals MEd/PGDip/PGCert

This suite of three-year-long part-time programmes is for all health professionals involved in education and training. Each year is self-contained and a qualification is obtained after each year – ie, Postgraduate Certificate in Education (PGCert) in Year 1; Postgraduate Diploma (PGDip) in Year 2; and Masters (MEd) in Year 3.

Contact: +44 (0)121 414 4863; E4HP@contacts.bham.ac.uk

## Inclusion and Special Educational Needs

MEd/MA/BPhil/PGDip/PGCert/AdCert

Available on a full-time, part-time or distance education basis, this programme is designed with two distinct groups of participants in mind: those who wish to study a range of campus-based modules relating to ISEN; and those on distance education modes who wish to combine modules from two programmes. The campus-based mode utilises lectures, seminars, tutorials, school visits, practical tasks and discussions. The distance education mode utilises material for home study, tutorial and seminar groups, together with two residential weekends a year in Birmingham.

Contact: Dr Michele Pipe – +44 (0)121 414 4822;  
m.c.pipe@bham.ac.uk

## International Studies in Education

MEd/MA/BPhil/PGDip/PGCert/AdCert

This programme is for people who are interested in an international and comparative perspective on educational issues. Four pathways are available:

- Management and Policy
- Intercultural Communication and Citizenship
- Education and Development
- Citizenship Education

This programme will be of interest to teachers, headteachers/principals, educational administrators, and those working in non-governmental organisations and international agencies.

Contact: Postgraduate enquiries – +44 (0)121 414 4866;  
pgteducation-enquiries@contacts.bham.ac.uk

## Language, Literacies and Dyslexia MEd/PGDip/PGCert

This new blended learning programme is for teachers, speech and language therapists and other professionals working with children, young people and further education and higher education students who have difficulties with learning literacy skills. The Masters-level programme has been developed in liaison with the British Dyslexia Association (BDA) and is essential for practitioners seeking to become specialist practitioners, employable to assess and teach learners with dyslexia and literacy difficulties of school age or in further/higher education.

Contact: Dr Deirdre Martin – +44 (0)121 414 4849;  
d.m.martin@bham.ac.uk

## Management of Special Education in

Developing Countries MEd/BPhil/PGDip

For teachers, administrators and non-governmental organisation staff who are working in special education in developing countries and who wish to develop their management or leadership expertise.

Contact: Postgraduate enquiries – +44 (0)121 414 4866;  
pgteducation-enquiries@contacts.bham.ac.uk



## Course finder [Apply online](#) (see pages 24–25)



### Multisensory Impairment (Deafblindness)

MEd/BPhil/PGDip/PGCert/AdCert

This programme enables teachers and other professionals working in education-related fields to work more effectively with learners who are deafblind (multisensory impaired). It provides an understanding of the effects and implications of dual sensory impairment; skills in assessment, monitoring and recording; knowledge of appropriate teaching approaches; and knowledge of multi-agency support systems.

Contact: Dr Liz Hodges – +44 (0)121 414 4873;  
e.m.hodges@bham.ac.uk

### Professional Studies

MEd/MA/BPhil/PGDip/PGCert/AdCert

You can study a combination of modules towards a Professional Studies award to enable you to transfer and personalise your course to match your own study needs. Options are flexible, depending on factors such as student numbers.

Contact: Dr Marion Bowl – +44 (0)121 414 4830;  
m.bowl.1@bham.ac.uk

### School Improvement and Educational Leadership

MA/PGDip/PGCert

This programme is designed for those aiming to make a difference in schools through leadership that is focused on learning. It is suitable for experienced teachers who are either middle or senior managers in their schools who are seeking postgraduate professional development in order to improve their own school's overall performance, or those teachers who want to consider these roles in the next few years. It may also be suitable for other educational professionals such as local authority educational advisers and consultants who seek to improve educational standards in their region, in line with new government policy.

Contact: Professor Peter Davies – +44 (0) 121 414 4820;  
p.davies.1@bham.ac.uk

### Severe, Profound and Multiple Learning Difficulties

MEd/BPhil/ PGDip/PGCert/AdCert

The Salt Review (2010) recommended increasing training for teachers of pupils with severe and profound learning difficulties and this programme was one of the first in the country to fulfil this skills gap. This part-time campus-based blended learning programme has been developed for a range of professionals/practitioners who work with children and adults with learning difficulties in educational settings across the severe and profound range (SLD/PLMD) such as teachers and lecturers, nurses, therapists, psychologists and support staff.

Contact: Penny Lacey – +44 (0)121 414 4878;  
p.j.lacey@bham.ac.uk

### Social, Emotional and Behavioural Difficulties

MEd/BPhil/PGDip/PGCert/AdCert

A programme using the Training and Development Agency's competencies for core and expert standards for working with pupils experiencing social, emotional and behavioural difficulties. It provides a wider framework for understanding SEBD in an educational context, the skills and expertise required to meet pupils' needs, and utilises professional experience to promote good practice.

Contact: Neil Hall – +44 (0)121 414 4841;  
n.hall.1@bham.ac.uk

### Special Educational Needs Co-ordination (National Award for Special Educational Needs Co-ordination) PGCert

The National Award is a mandatory qualification which all SENCOs who are new to the role must undertake. The programme is specific to the SENCO role and relevant to SENCOs working in mainstream schools as well as being of interest to teachers supporting pupils with special educational needs or disabilities. It is offered in two versions; the first of these is a partnership programme involving local authorities in the West Midlands and is taught on campus and in local authority venues (professional development centres). The second

# School of Education

version is taught on campus and aimed at SENCOs who may not have an affiliation to one of our partnership local authorities.

Contact: Christopher Robertson – +44 (0)121 414 4832;

c.m.robertson@bham.ac.uk

[www.education.gov.uk/sencotraining](http://www.education.gov.uk/sencotraining)

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## Teachers of Children with Hearing Impairment

MEd/BPhil/PGDip

This Training and Development Agency approved programme for training teachers of deaf children is offered on a two-year distance education basis. Successful completion of the programme leads to GTC recognition as a qualified teacher of the deaf for those who are already qualified to teach school-aged children in England.

Contact: Dr Linda Watson – +44 (0)121 414 4876;

l.m.watson@bham.ac.uk

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## Teaching English as a Foreign Language (TEFL)

MA/PGDip/PGCert

This programme is aimed at individuals with knowledge and understanding of current debates relevant to the teaching and learning of English as a Foreign Language. Some teaching experience is an advantage but not essential. The programme is designed both to be practical and to provide an introduction to key research tools. The three core modules are Second Language Learning; Communicative Language Teaching, Syllabus Design and Assessment; and Language, Discourse and Society. These give you a strong grounding in appropriate classroom methodology and course design with the opportunity to create your own teaching and learning materials. Other modules provide opportunities to visit British primary, secondary and language schools, and prepare you for your dissertation. You will also have the chance to participate in events organised by our research centre, MOSAIC, such as conferences and popular seminar series with renowned international TEFL researchers. For more details, see [www.birmingham.ac.uk/education](http://www.birmingham.ac.uk/education)

Contact: Dr Maggie Kubanyiova – +44 (0)121 414 8056;

m.kubanyiova@bham.ac.uk

For related programmes in TEFL/TESL, please see the Department of English entry on page 65.

## Visual Impairment: Mandatory and Non-Mandatory

### Qualification for Teachers of Children with Visual Impairment

MEd/BPhil/PGDip

A distance education programme for teachers with Qualified Teacher Status (QTS) working with children and young people with a visual impairment: teachers not working with pupils with a visual impairment may be required to undertake a negotiated programme of visits before starting the programme.

Contact: Dr Mike McLinden – +44 (0)121 414 4837;

m.t.mclinden@bham.ac.uk

The School has recently approved a new programme in Special Educational Needs and Disabilities (SEND) – see online for the latest details.

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## Research programmes

### Educational Studies MRes

This programme consists of a taught element and a research element. The taught element contains a number of core modules which are taken from the doctoral research training programme. You will then complete a 20,000-word dissertation.

Contact: Mrs Helen Joinson – +44 (0)121 414 4847/4879;

h.e.joinson@bham.ac.uk

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### Education and Learning PhD with Integrated Study

Developed to provide a new route to the internationally respected PhD, this programme incorporates subject knowledge, research training and the development of transferable skills. Successful completion of the programme requires the submission of an 80,000-word thesis and an oral examination.

Contact: Mrs Helen Joinson – +44 (0)121 414 4847/4879;

h.e.joinson@bham.ac.uk

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### Professional Training programme in Educational Psychology Applied Educational and Child Psychology

AppEd and ChildPsyD

This professional training programme in educational psychology is a full-time, campus-based course that prepares suitably qualified applicants to work as educational psychologists in England, Wales and Northern Ireland upon completion of their



## Course finder **Apply online** (see pages 24–25)

training. It leads to the award of Doctor of Applied Educational and Child Psychology. You should have a good Honours degree in Psychology and be eligible for the Graduate Basis for Chartered Membership of the British Psychological Society. Graduates from the programme are eligible for registration as educational psychologists with the Health and Care Professions Council. Applications should be made to the National College for Teaching and Leadership – see online for details:

[www.education.gov.uk](http://www.education.gov.uk)

Contact: Mrs Beverley Burke, Programme Administrator – +44 (0)121 414 4883; [b.a.burke@bham.ac.uk](mailto:b.a.burke@bham.ac.uk)

### **Leaders and Leadership in Education** EdD

A professional doctorate for those who carry, or wish to carry, senior or middle leader responsibilities in schools, colleges, universities or other professional educational contexts. You develop and research your special interests in the field, supported by a structured programme of research training. Modules explore senior leaders, middle leaders and deputies, and leadership for effectiveness and improvement.

Contact: Dr Christopher Rhodes – +44 (0)121 414 3805; [c.p.rhodes@bham.ac.uk](mailto:c.p.rhodes@bham.ac.uk)

### **Learning and Learning Contexts** EdD

This professional doctorate will be of interest to anyone who wants to enhance their critical understanding of contemporary learning theory and pedagogic practice. It is ideal for those wishing to pursue research that can be applied to their own teaching and learning contexts. Subject modules explore the cultures and contexts of learning and theoretical perspectives on teaching and learning.

Contacts: Helen Joinson – +44 (0)121 414 4847; [h.e.joinson@bham.ac.uk](mailto:h.e.joinson@bham.ac.uk)

Dr Nick Peim – +44 (0)121 414 3475; [n.a.peim@bham.ac.uk](mailto:n.a.peim@bham.ac.uk)

### **Education** PhD/MA by Research

We have a national and international reputation as a centre of excellence and provide wide and varied opportunities for students to undertake research. The University is one of only



12 UK institutions to have been awarded Doctoral Training Centre status by the Economic and Research Council (ESRC), the UK funding body for social sciences. Our academic expertise covers a broad range of disciplines grouped around:

- Disability, Inclusion and Special Needs
- Education and Social Justice
- Professional Education

The MA by Research is a pure research Masters course. Students will need to complete a thesis of 40,000 words maximum and a research training programme. This programme is suitable for applicants who are interested in developing their independent research skills and many students who complete this course progress onto PhD study afterwards.

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at: [www.birmingham.ac.uk/drp](http://www.birmingham.ac.uk/drp)

'The resources available at the University, such as the library, and the different training programmes, along with the research modules that I studied as part of my PhD, all gave me good experience and made me want to continue doing my research and think about what I'm going to do next.'

*Marilena Mademtzi, PhD, School of Education*

# School of Government and Society

The School of Government and Society is one of the leading UK and international centres for governance, politics, international development, sociology, public management and European studies.

The School comprises the following departments:

- Institute of Local Government Studies (INLOGOV)
- International Development Department (IDD)
- Political Science and International Studies (POLSIS) including the Institute of German Studies (IGS), and Sociology
- Centre for Russian and East European Studies (CREES)
- Institute for Conflict, Cooperation and Security (ICCS)

We are a School with an emerging agenda based around a series of core research areas, including politics, ethnicity, international studies, security, religion and area studies. One of our core strengths is our mixture between interdisciplinary and single discipline departments. This goes hand in hand with a mixture of theoretical approaches and practical applications with direct links between researchers and practitioners at local, national and international levels.

The School has expertise that includes democratic governance; development; diplomacy; ethnicity; European studies; government policy making; international relations; local government; political economy; political theory and philosophy; politics; politics of gender; politics of the Asia-Pacific; public administration and management; Russian culture, and security and social exclusion.

The School has a diverse postgraduate student body ranging from recent graduates to established professionals in the public and commercial sectors, from the UK and overseas. This diversity contributes to the learning experience within the School and is an additional element that makes a positive difference to the teaching and learning environment.

The School of Government and Society contributes to an Economic and Social Research Council (ESRC) research training programme – the MA Social Research (see page 220). The University is one of only 12 UK institutions to have been

awarded Doctoral Training Centre status by the ESRC, the UK funding body for social sciences. The new Centre draws on expertise across the social sciences at Birmingham to deliver outstanding postgraduate training for more than 70 social scientists. It will also reach out to staff, students, and policy makers beyond the University through its programme of short course research training opportunities.

## Career prospects/employability

Graduates from the School have gone on to work in a range of careers, with recent graduates working with organisations such as the United Nations, Foreign and Commonwealth Office, local authorities in the UK and overseas and the Department for International Development. The School takes employability very seriously and as well as linking students to the central careers services, also incorporates opportunities to enhance their employment prospects, including highlighting work experience opportunities, encouraging volunteering in extracurricular projects (such as student seminars and events) and by inviting experienced speakers from the academic and non-academic backgrounds for students to meet.

## Facilities

Departments from across the School are largely based within the refurbished Muirhead Tower on the University's main Edgbaston campus offering state-of-the-art teaching and research study facilities including free wi-fi throughout the building and dedicated study areas for postgraduate research students.

## Pre-arrival support

The School undertakes a series of open days, applicant visit days and online events to make it easier for enquirers, applicants and offer-holders to make contact with our current students and staff. For details on upcoming events, please visit our website or contact the School directly. We will also keep in contact with you by email up until the point of enrolment, to ensure you are kept up-to-date with developments in the School/Department and to help prepare you for your forthcoming studies.

Learn more

[www.birmingham.ac.uk/govsoc](http://www.birmingham.ac.uk/govsoc)



FT Full-time  
PT Part-time  
DL Distance Learning

## RUSSIAN AND EAST EUROPEAN STUDIES

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Contemporary Russian and East European Studies MSc	2:1 (Hons) in a relevant subject	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Russian and East European Studies MA	2:1 (Hons) in a relevant subject	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
RESEARCH					
Russian and East European Studies PhD/PhD by DL/MPhil/MA by Research	PhD: Masters degree in a relevant subject MPhil/MA by Research: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT £6,282.50 PT (DL PhD only)	PhD: 3 years FT 6 years PT MPhil: 2 years FT 4 years PT MA by Research: 1 year FT 2 years PT	29/09/14

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014–15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

The Centre for Russian and East European Studies (CREES) was established in 1963 and is now an international centre of excellence in its field, recognised by securing external research funding from the ESRC, AHRC, the Leverhulme Trust and UK government. CREES received the maximum ranking in previous Research Assessment Exercises (RAE) and in the most recent RAE (as part of the European Research Institute's submission) was placed second in the ranking of world-leading research and fourth on the Grade Point Average measure in the European Studies unit of assessment. CREES is one of the core institutions in the national strategy for developing language based area studies through the Centre for East European Language Based Area Studies (CEELBAS) initiative.

### Scholarships and studentships

A variety of scholarships are available. Please see page 20 for details or consult the University's postgraduate funding database: [www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

Learn more

[www.birmingham.ac.uk/crees](http://www.birmingham.ac.uk/crees)

## Taught programmes

### Contemporary Russian and East European Studies MSc

This programme is intended for those who are looking for an intensive and flexible Masters degree in Russian and East European Studies, which will prepare them for a wide range of career opportunities, for example in business, public service, consultancy and journalism. There is no compulsory language course for this degree, but you may choose to study an East European language as one of your options.

There is also a pathway that allows students on the MSc in Contemporary Russian and East European Studies degree to specialise in the study of the Caucasus and Central Asia. Further details on this degree pathway can be found on our website: [www.birmingham.ac.uk/crees](http://www.birmingham.ac.uk/crees)

Contact: Marea Arries – [m.b.arries@bham.ac.uk](mailto:m.b.arries@bham.ac.uk)

# School of Government and Society

## RUSSIAN AND EAST EUROPEAN STUDIES

### Russian and East European Studies MA

This degree provides a multidisciplinary training in Russian and East European Studies, combining broadly based social science research training with specific training in Russian and East European Studies, including language proficiency. This programme is recognised by the ESRC for the one-year research training component of the '1+3' studentship programme, which leads to a PhD, but is also available to non-ESRC funded students. Students come to this programme from a variety of first-degree disciplines.

Contact: Marea Arries – [m.b.arries@bham.ac.uk](mailto:m.b.arries@bham.ac.uk)

### Research programmes

#### Russian and East European Studies

PhD/MPhil/MA by Research

You may enter the PhD programme either directly, or as a progression from the MA/MSc programme (CREES is an ESRC-recognised research training site and has also gained funding for researchers in History from the AHRC).

We offer postgraduate research supervision in the following fields:

- Russian and Soviet History
- Russian, Ukrainian and Central and East European politics
- Central and Eastern Europe and European integration
- Nationalism, identities and ethnic conflicts
- Economics of transformation, economic policy and regional economics of Russia
- Contemporary East European culture, media and society
- Caucasus and Central Asia: politics, international relations, society and religion

Contact: [dr@contacts.bham.ac.uk](mailto:dr@contacts.bham.ac.uk)

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
**[www.birmingham.ac.uk/drp](http://www.birmingham.ac.uk/drp)**

'Russian and East European Studies is a small but strongly interdisciplinary centre and its diverse research tradition is well respected not only in Britain but internationally too. During my time here I have had the opportunity to grow both professionally and personally. In particular, I have taken various methodology courses which have been crucial in enhancing my research skills. Living in one of the most multicultural cities in Britain has allowed me to socialise and make friends with people from all kinds of backgrounds, which has even further enriched my time here at Birmingham.'

*Nino Kemoklidze, PhD, School of Government and Society*

FT Full-time  
PT Part-time  
DL Distance Learning

## LOCAL GOVERNMENT STUDIES

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Masters in Public Administration MPA	2:1 (Hons) or an equivalent professional qualification or experience	£10,260 FT £5,130 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Public Management MSc/PGDip/PGCert (with specialist pathways)	2:1 (Hons) or an equivalent professional qualification or experience	MSc: £8,910 FT £4,455 PT PGDip: £5,940 FT £2,970 PT PGCert: £2,970 PT only (whole course)	MSc: £13,665 FT only PGDip: £9,110 FT only PGCert: £4,555 FT only	MSc: 1 year FT 2 years PT PGDip/PGCert: 15–24 months PT	29/09/14
Public Service Commissioning MSc/PGDip/PGCert	2:1 (Hons) or an equivalent professional qualification or experience	MSc: £8,910 FT £4,455 PT PGDip: £5,940 FT £2,970 PT PGCert: £2,970 (whole course)	MSc: £13,665 FT only PGDip: £9,110 FT only PGCert: £4,555 FT only	MSc: 1 year FT 2 years PT PGDip/PGCert: 9 months FT 21 months PT	29/09/14
Executive Management Development Programmes	Currently working in a relevant field	£500, £975 or £1,390 per course plus £150 or £300 for optional postgraduate accreditation	£500, £975 or £1,390 per course plus £150 or £300 for optional postgraduate accreditation	1–2 weeks	September, October or November 2014
RESEARCH					
Local Government and Public Policy PhD with Integrated Study	High 2:1 or first-class (Hons) with evidence of research ability; or undergraduate and postgraduate degrees in a less relevant subject	£5,940 FT only	£13,665 FT only	4 years FT	29/09/14
Local Government Studies PhD/MPhil	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	PhD: 3 years FT 6 years PT MPhil: 2 years FT 4 years PT	29/09/14

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014–15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

The Institute of Local Government Studies (INLOGOV) is the leading UK centre for the study of local public service management, policy and governance. Our staff come from various disciplinary backgrounds and are dedicated to increasing the democratic governance of local communities, working with politicians, managers, communities and partner organisations to enhance practice through academic insight.

We are engaged in policy and management research, continuing professional and management development and consultancy work for central government and other national and local agencies. Our contribution to post-experience education is particularly significant. We draw great strength from our close links with the world of practice in local government, the voluntary sector and other public service agencies, for example those of criminal justice.

# School of Government and Society

## LOCAL GOVERNMENT STUDIES

### Postgraduate study

We offer two types of research degree: the MPhil (two years full-time or four years part-time) and PhD (three years full-time or six years part-time). Both degrees are awarded on the basis of a submitted thesis, although modules in research methods and in relevant policy subjects are also normally taken during the period of registration. We welcome applications for part-time study as well as full-time.

We are particularly interested in receiving applications on topical issues in local governance, on the impact of public policy changes, on democratic participation and community involvement.

We have some 15 doctoral researchers each year (many with practitioner experience).

### Scholarships and studentships

A limited number of scholarships are available each year. For further details please contact the Institute directly. Please also consult the University's postgraduate funding database: [www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

### Postgraduate programmes delivered direct for employers

We teach a number of postgraduate programmes 'in-house' for employers seeking to provide their staff and officers with full postgraduate qualifications. This means that we send our lecturers and expert associates to you rather than you sending your staff to Birmingham. Programmes can be delivered as Postgraduate Certificates or Masters-level subjects in either Public Management or Public Services Commissioning. Fees are based upon a single fee for the full cohort rather than an individual student basis which provides employers a direct saving. Other employers may seek to send cohorts

of employees to Birmingham for study on campus which can also be catered for; discounts may apply depending upon numbers.

Contact: Jeevan Shoker – +44 (0)121 414 4980;  
[g.shoker@bham.ac.uk](mailto:g.shoker@bham.ac.uk)

Learn more

[www.birmingham.ac.uk/inlogov](http://www.birmingham.ac.uk/inlogov)

## Taught programmes

### Executive Management Development Programmes

INLOGOV offers an exciting and innovative range of five-day and short programmes aimed at managers, professionals, elected members and other stakeholders in the democratic leadership of places and communities. Many of our advanced learning programmes can also be tailored to be delivered in-house and include the following:

- Commissioning and Contracting in Public Services
- Comparative Local Government
- Community Governance and Leadership
- Leadership for Social Care Outcomes
- Outcomes, Performances and Resources
- Oversight and Scrutiny
- Participation and Democracy
- Public Policy Research Methods
- Strategic Commissioning

Participants may also receive higher education accreditation for each of these executive programmes assuming they successfully complete an assessment. Each executive programme attracts 20 Higher Education Credits at Level 7, which can then be transferred to a full postgraduate programme of study.

Contact: Jeevan Shoker – +44 (0)121 414 4980;  
[g.shoker@bham.ac.uk](mailto:g.shoker@bham.ac.uk)



## Course finder **Apply online** (see pages 24–25)

INLOGOV provides various seminars and conferences for local authorities and their partners. The majority of these seminars are now on an 'in authority' basis and we pride ourselves on being responsive to our client needs and demands, and listening to their views. Details of our conferences and seminars are available via our website

[www.birmingham.ac.uk/inlogov](http://www.birmingham.ac.uk/inlogov)

Contact: Sue Platt – +44 (0)121 414 5002;  
s.p.platt@bham.ac.uk

### **Masters in Public Administration (MPA)**

The MPA will help you develop the qualities required for advancement in a public service career. It will provide you with a rigorous understanding of the key concepts and issues underpinning the practice of public administration internationally, along with the ability to critically analyse policies, structures and systems of public administration. You will also gain a thorough understanding of the processes of public policy and management, an understanding of how leadership works in a governmental context, and a critical understanding of public finance at international, national and sub-national levels. The MPA is ideal for candidates wishing to pursue careers in public policy, the strategic management in government organisations or public agencies, at local, regional, national or international levels.

Contacts:

Full-time enquiries:

Debra Beard – +44 (0)121 414 5034; d.l.beard@bham.ac.uk

Dr Adrian Campbell – +44 (0)121 414 4973;

a.campbell@bham.ac.uk

Part-time enquiries:

Jasvinder Sihre – +44 (0)121 414 4975; j.sihre@bham.ac.uk

Dr Peter Watt – +44 (0)121 414 4983; p.w.watt@bham.ac.uk



### **Public Management** MSc/PGDip/PGCert

Our Public Management programmes are aimed at both experienced practitioners from public and voluntary sectors and those wishing to embark on a career in public service. This programme offers a choice between the following pathways:

- Health and Social Care
- Local Policy and Leadership
- Public Management in general

The structure of the programme aims to build knowledge, skills and confidence for careers in the public service.

The programme allows students to undertake modules taught across the College of Social Sciences including the Institute of Local Government Studies and the Health Services Management Centre. Many of our modules are delivered via blended learning techniques, allowing students to engage with teaching both on and off campus. As part of our blended learning approach, we also heavily engage with leading public sector professionals who provide their expertise from practice.

Students may pay on a pay-as-you go basis across the programme as an alternative to the single fee payment.

Contact: Sarah Smith – +44 (0)121 414 8390;  
s.e.smith.2@bham.ac.uk

### **Public Service Commissioning** MSc/PGDip/PGCert

*Taught in collaboration with the Health Services Management Centre (see page 275)*

This programme is designed to develop participants' understanding of the politics, principles, evidence and skills associated with public service commissioning and how these interact across organisational boundaries. This programme is designed for senior managers and policy-makers working in or with public commissioning organisations and those wishing to develop their careers in this direction. Students may pay on a pay-as-you-go basis across the programme as an alternative to the single fee payment.

Contact: Sarah Smith – +44 (0)121 414 8390;  
s.e.smith.2@bham.ac.uk

# School of Government and Society

## LOCAL GOVERNMENT STUDIES

### Research programmes

#### Local Government and Public Policy

PhD with Integrated Study

While the traditional PhD requires you to engage entirely in research training, this programme enables you to gain added value from taught, subject-based modules. These allow you to broaden and deepen your subject knowledge at the same time as undertaking your own research and developing a set of transferable professional skills in preparation for a variety of careers. Your coursework will be taken in the MA Social Research programme, which provides you with a thorough and advanced education in social research design and the most up-to-date training in methods of data collection and analysis. The combination of core modules and short courses on more advanced topics provides flexibility to relate training to the thesis topic.

Contact: Dr Stephen Jeffares – +44 (0)121 415 1057;  
s.r.jeffares@bham.ac.uk

#### Local Government Studies PhD/MPhil

We offer supervision in a wide range of research areas from procurement and contracting to issues in criminal justice and current themes such as localism, the Big Society, public services reform and democratic engagement. We are particularly interested in receiving applications on the modernisation agenda, changing patterns of local governance, the impact of public policy changes, democracy, public participation and community involvement. For a full list of research interests of current staff visit [www.birmingham.ac.uk/inlogov](http://www.birmingham.ac.uk/inlogov)

Contact: Dr Stephen Jeffares – +44 (0)121 415 1057;  
s.r.jeffares@bham.ac.uk

'INLOGOV is the perfect place for me as someone from a background in the field of public administration study. As the main sponsor of the respected *Journal of Local Government Studies*, the Institute provides an excellent academic environment and access to the most up-to-date knowledge in the field.'

*Tutik Rachmawati, PhD, School of Government and Society*

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
[www.birmingham.ac.uk/drps](http://www.birmingham.ac.uk/drps)



FT Full-time  
PT Part-time  
DL Distance Learning

## INTERNATIONAL DEVELOPMENT

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Development Management (with pathways) MSc/PGDip	MSc: 2:1 (Hons) in a relevant subject; or 2:2 (Hons) with excellent work experience PGDip: 2:2 (Hons) in a relevant subject	MSc: £7,020 FT £3,510 PT PGDip: £7,020 FT £3,510 PT	£13,665 FT only	MSc: 1 year FT 2 years PT PGDip: 9 months FT 2 years PT	29/09/14
International Development (with pathways) MSc/PGDip	MSc: 2:1 (Hons) in a relevant subject; or a 2:2 (Hons) with excellent work experience PGDip: 2:2 (Hons) in a relevant subject	MSc: £7,020 FT £3,510 PT PGDip: £7,020 FT £3,510 PT	£13,665 FT only	MSc: 1 year FT 2 years PT PGDip: 9 months FT 2 years PT	29/09/14
International Development (with pathways) MSc by DL/PGDip by DL	2:1 (Hons) in a relevant subject; or a 2:2 (Hons) with excellent work experience	MSc: £10,260 PT only (whole course) PGDip: £6,840 PT only (whole course)	MSc: £10,260 PT only (whole course) PGDip: £6,840 PT only (whole course)	MSc: 2–4 years PT PGDip: 18 months–4 years PT	29/09/14
Masters in Public Administration MPA	2:1 (Hons) in a relevant subject, or relevant work experience	£10,260 FT £5,130 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Public Administration and Development MSc by DL/PGDip by DL	2:1 (Hons) in a relevant subject; or 2:2 (Hons) with excellent work experience	MSc: £10,260 PT only (whole course) PGDip: £6,840 PT only (whole course)	MSc: £10,260 PT only (whole course) PGDip: £6,840 PT only (whole course)	MSc: 2–4 years PT PGDip: 18 months–4 years PT	November 2014, February 2015 or May 2015
RESEARCH					
International Development PhD with Integrated Study	2:1 (Hons) in a relevant subject, or undergraduate and postgraduate degrees in a less relevant subject	£5,940 FT only	£12,565 FT only	4 years FT	29/09/14
International Development PhD/MPhil	PhD: a good Masters degree plus a 2:1 (Hons) at undergraduate, in a relevant subject MPhil: 2:1 (Hons) in a relevant subject	£3,950 FT only	£12,565 FT only	PhD: 3 years FT MPhil: 2 years FT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014–15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

The work of the International Development Department (IDD) is focused on poverty reduction through effective governance systems. Governance is the foundation upon which a country's political stability, economic success, conflict resolution, efficient service delivery and basic human rights rest. IDD staff are experts in governance issues for development.

### Facilities

All our programmes have a strong focus on practical work, enabling students to build practical skills for use in their careers. An overseas study or individual fieldwork trip is included in the course fee for on-campus postgraduate programmes. Our research is supported by a range of funders, especially ESRC, the UK Department for International Development (DFID), and other multilateral and bilateral aid agencies.

# School of Government and Society

## INTERNATIONAL DEVELOPMENT

### Postgraduate study

Recent IDD students have come from almost 100 different countries and bring many different perspectives to the classroom. Lecturers are involved in research, policy advice and consultancy and are funded by agencies such as the UK Department for International Development (DFID) and the UN, thus bringing comparative perspectives and real-world experience to their teaching.

IDD research students explore a wide variety of topics in international development and public management. We offer two types of research degree: MPhil and PhD. These research programmes offer the opportunity to pursue original research under the guidance of an academic supervisor within an active research environment. In addition, training in research methods is provided and a training plan is drawn up to suit each student.

### Scholarships and studentships

IDD offers up to four bursaries up to the value of 50% of students' fees (whether EU or overseas). Please contact the Department directly for more information on +44 (0)121 414 5034. Other scholarships may be available. Please consult the University's postgraduate funding database: [www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

Learn more

[www.birmingham.ac.uk/idd](http://www.birmingham.ac.uk/idd)

## Taught programmes

The contact for all of our MSc programmes is:

Debra Beard – +44 (0)121 414 5034; [d.l.beard@bham.ac.uk](mailto:d.l.beard@bham.ac.uk)

### Development Management MSc/PGDip

The programme is designed for those who want to improve their knowledge and skills in development management, from a wide range of sectors, including central and local government,

NGOs and donors, and at the same time acquire an academic qualification. The programme enables you to engage with current debates in development management, such as the interaction and roles of different stakeholder groups, the nature of public management and measures of governance performance.

### Development Management (Aid Management) MSc/PGDip

This programme provides a clear understanding of current issues and methods of analysis in aid management, as well as practical skills in aid management, against a background of analysis of the politics and economics of development. The programme includes subjects such as the reform of aid management, financial management and aid, conditionality, evaluating aid, the role of NGOs and the future of aid.

### Development Management (Human Resources and Development Management) MSc/PGDip

This pathway addresses issues surrounding the way we work now, in a rapidly changing global environment. You will investigate human resource management in the public and private sectors; adapting leadership and practice to the cultures of different countries; and how rapid global change encourages innovation in organisational leadership; and, how to motivate, inspire and develop the people we work with.

### Development Management (Public Economic Management and Finance) MSc/PGDip

The PEMF specialism works from the macro down to sectoral and firm level in order to build the confidence of students as economists. This practical programme allows you to analyse practical cases, using real data as far as possible to provide excellent experience and develop required skills in public economic and finance management. The programme includes understanding the role of the state in managing the economy and public finances; managing monetary, exchange rate, fiscal, trade and environmental policy; budgeting, fiscal decentralisation and working with the private sector; and, designing, planning, financing and evaluating projects.



## Course finder [Apply online](#) (see pages 24–25)



### **International Development** MSc/PGDip

This programme allows you to explore in depth the challenges facing developing and developed countries in the fight against global poverty, as well as to understand the promise and problems of proposed approaches to poverty reduction. Issues covered include: theories and history of development; changing approaches to poverty reduction; practical policy, programme and research skills.

### **International Development (Conflict, Security and Development)** MSc/PGDip

This programme explores the issues of conflict, security and development from an interdisciplinary standpoint, combining the theoretical rigour of security studies and the practical experience of development. Issues examined include: dynamics and history of conflict in developing countries; theoretical approaches to understanding conflict; drivers of conflict; the relationship between global and local actors involved in conflict; security sector reform; implications of types of conflict for post-conflict reconstruction, and design and implementation of post-conflict development strategies.

### **International Development (Governance and State-building)** MSc/PGDip

This programme explores the issues of governance, state-building and development from an interdisciplinary standpoint, encompassing issues such as accountability and transparency, corruption, conflict, political settlement, human rights, participation, access to justice, and democratisation. Governance and state-building are of particular interest to governments, non-governmental organisations and development agencies, as well as to a growing and vibrant academic community.

### **International Development (International Political Economy and Development)** MSc/PGDip

Offered in collaboration with the Department of Political Science and International Studies, this programme combines theoretical approaches to international political economy

with practical experience of development to create a unique, multidisciplinary degree. Issues examined include: competing theories of political economy and political development; how theories of development link to development practice; different political systems and their histories; the complex relationship between political economy and development, including trade, financial systems, and aid; the impact of political systems and political actors on developmental success and failure, and the impact of the global, regional and national political economy on aid and donor policies.

### **International Development (Poverty, Inequality and Development)** MSc/PGDip

This programme enables you to study development with a specific focus on poverty and inequality, both key aspects of current development policy discourse. Issues examined include: definitions and indicators of poverty, inequality and development; causes of poverty and inequality; poverty reduction strategies; cross-cutting issues such as gender and conflict, and practical policy, programme and research skills.

### **International Development (Urban Development)** MSc/PGDip

This programme, offered in collaboration with the Centre for Regional and Urban Studies (CURS), examines key issues in urban governance and management including regional and urban change; poverty reduction in urban centres; and analysis of urban governance, management and policy issues.

### **Masters in Public Administration (MPA)**

The MPA will help you develop the qualities required for advancement in a public service career. It will provide you with a rigorous understanding of the key concepts and issues underpinning the practice of public administration internationally, along with the ability to critically analyse policies, structures and systems of public administration. You will also gain a thorough understanding of the processes of public policy and management, an understanding of how leadership works in a governmental context, and a critical understanding of public finance at international, national and sub-national levels. The MPA is ideal for candidates

# School of Government and Society

## INTERNATIONAL DEVELOPMENT

wishing to pursue careers in public policy, the strategic management in government organisations or public agencies, at local, regional, national or international levels.

Contacts:

Full-time enquiries:

Debra Beard – +44 (0)121 414 5034; d.l.beard@bham.ac.uk

Dr Adrian Campbell – +44 (0)121 414 4973;

a.campbell@bham.ac.uk

Part-time enquiries:

Dr Peter Watt – +44 (0)121 414 4983;

p.w.watt@bham.ac.uk

### Distance learning programmes

If you choose to study in our distance learning format, you will study via a web-based learning environment, using textbooks and other printed materials. These are complemented by our extensive electronic library and an online discussion board, where you participate in guided discussion activities with other students and your tutor.

Contact: Linda J Curry – +44(0) 121 414 4969;

l.j.curry@bham.ac.uk

#### Public Administration and Development

(by distance learning) MSc/PGDip

This distance learning-only programme provides public managers and administrators with the key skills they need to operate in the public sector in a developing or transitional country context. It explores:

- Current trends in public administration and governance
- Civil service reforms (working in partnerships, contracting etc)
- Leadership in public administration
- Policy making
- Public finance
- How to adapt public administration concepts to a variety of economic, institutional, geographic and cultural settings
- Communication and co-ordination in a global context

#### International Development (by distance learning) MSc/PGDip

This programme is designed to provide students with an understanding of the evolution of thinking and practice in international development over the last 50 to 60 years.

#### International Development (Conflict, Security and Development) (by distance learning) MSc/PGDip

This programme recognises the opportunities for educational provision in an area of increasing interest among the academic community, namely the links between development, security and conflict. It will make a direct link between academic and practical policy approaches to analysing and recovering from conflicts, with an emphasis on developing countries.

#### International Development (Poverty, Inequality and Development) (by distance learning) MSc/PGDip

The broad purpose of this programme is to give those working in the area of poverty reduction and development in developing and transitional countries, or those wishing to work in such areas, a firmer grounding in understanding poverty and inequality, promoting poverty reduction and analysing the performance of major poverty reducing programmes and policies.

‘Doing an MSc by distance learning has enabled me to continue my professional growth while working on the other side of the world. The relevance of the course has helped me to improve the development projects we were already running and apply clear, thorough planning for new initiatives.’

*Tim Pare, MSc International Development,  
School of Government and Society*



## Course finder [Apply online](#) (see pages 24–25)



### Continuing professional development

IDD has successfully provided workshops, seminars and tailored training for development professionals for nearly 40 years. Previous clients have included the British Council; the Department for International Development (DFID); the governments of South Africa, Bangladesh, Mozambique, Russia and Jordan; the German Aid Agency (GTZ), and the Asian Development Bank. We offer both off-the-shelf and tailored training to clients. IDD can offer tailored training courses in the following areas of interest:

- Human Resources Management
- Managing Contracting Partnerships and Regulation
- Participatory Development: Practice and Potential
- Mobilising Financial Resources for Decentralised Government
- Improving Financial Performance in Decentralised Government
- Improving Performance in Service Delivery
- Post-conflict Reconstruction
- Modern Public Expenditure Management
- Governance, Ethics and Anti-corruption Reforms
- Government Capacity and Partnerships
- Modernising Policy Making

These programmes can be modified to match any specific requirements.

Contact: Ann Bolstridge – +44 (0)121 414 4967;  
a.bolstridge@bham.ac.uk

### International Development PhD/MPhil

IDD research students explore a wide variety of topics in international development and public management. We offer two types of research degree: MPhil and PhD. These research programmes offer the opportunity to pursue original research under the guidance of an academic supervisor within an active research environment. In addition, training in research methods is provided and a training plan is drawn up to suit each student. Research areas include:

- Conflict and post-conflict reconstruction
- Natural resource governance, management and livelihoods
- Anti corruption and good governance
- Urban poverty and management
- Religion and development
- Participatory approaches
- Public sector management

For a full list of contact names by research area visit:

[www.birmingham.ac.uk/iddstaff](http://www.birmingham.ac.uk/iddstaff)

Contact: Fiona Nunan – +44 (0)121 414 3061;

f.s.nunan@bham.ac.uk

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
[www.birmingham.ac.uk/drps](http://www.birmingham.ac.uk/drps)

## Research programmes

### International Development PhD with Integrated Study

This programme combines the preparation of a thesis with research training, the acquisition of subject knowledge and the development of transferable skills through a programme of taught modules taken during the first two to three years of the programme. It prepares students for careers as professional educators or researchers, and for senior positions in public and private sector organisations.

Contact: Fiona Nunan – +44 (0)121 414 3061;

f.s.nunan@bham.ac.uk

# School of Government and Society

## POLITICAL SCIENCE AND INTERNATIONAL STUDIES

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Global Cooperation and Security MSc	MA: 2:1 (Hons) in a relevant subject	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT	29/09/14
International Development (International Political Economy and Development pathway) MSc/PGDip	MSc: 2:1 (Hons) in a relevant subject; or a 2:2 (Hons) with excellent work experience PGDip: 2:2 (Hons) in a relevant subject	£7,020 FT £3,510 PT	£13,665 FT only	MSc: 1 year FT 2 years PT PGDip: 9 months FT 2 years PT	29/09/14
International Relations (with pathways) MA/PGDip	MA: 2:1 (Hons) in a relevant subject PGDip: 2:2 (Hons) in a relevant subject	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Political Science (with pathways) MA/PGDip	MA: 2:1 (Hons) in a relevant subject PGDip: 2:2 (Hons) in a relevant subject	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Political Theory MA/PGDip	MA: 2:1 (Hons) in a relevant subject PGDip: 2:2 (Hons) in a relevant subject	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Social and Political Theory MA	2:1 (Hons) in a relevant subject	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
RESEARCH					
European Research PhD/MPhil	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	PhD: 3 years FT 6 years PT MPhil: 2 years FT 4 years PT	Negotiable
Political Science and International Studies PhD/MPhil	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	PhD: 3 years FT 6 years PT MPhil: 2 years FT 4 years PT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014–15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

The Department of Political Science and International Studies (POLSIS) is one of the largest and best departments of its kind in the UK. It received the maximum score of 24 in the Teaching Quality Assessment and has enjoyed a consistently high place in the *Guardian* league tables (never outside the top ten) since they were first published in 2000. As well as research and taught courses, we offer a wide range of professionally oriented courses. You may opt for a general multidisciplinary approach or choose from a range of more specialised programmes with a more specific career orientation.

### Postgraduate study

The Department has more than 50 PhD students working on a wide variety of research topics. Our students are at the core of our

research culture, organising their own weekly research colloquium, setting research group agendas, participating in the weekly Departmental Research Seminar, helping to organise conferences and workshops, and engaging in undergraduate teaching. In addition to the doctoral programme, the department has an immensely successful taught Masters programme. Many of our postgraduate students are from overseas.

### Scholarships and studentships

Scholarships may be available. Please contact the Department or consult the University's postgraduate funding database:

[www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

Learn more

[www.birmingham.ac.uk/polsis](http://www.birmingham.ac.uk/polsis)





## Course finder [Apply online](#) (see pages 24–25)



### Taught programmes

These MA programmes present opportunities for further advanced study for those with a formal background in Political Science or International Studies but also welcome candidates from other relevant academic fields who seek a new challenge. Contact for taught programmes: POLSIS Graduate Office – +44 (0)121 414 3497; [v.a.ahmed@bham.ac.uk](mailto:v.a.ahmed@bham.ac.uk)

#### Global Cooperation and Security MSc

This degree provides an advanced interdisciplinary training in the theory and practice of global cooperation and conflict transformation. Students will develop the knowledge and skills needed to investigate how one might identify and overcome obstacles to cooperation. The degree is principally taught through three core modules involving an important mix of academic and practitioner input to immerse students in the politics of cooperation and conflict transformation. This programme is delivered by the Institute for Conflict, Cooperation and Security, which was recently established at Birmingham to promote a multidisciplinary and multidimensional approach to the study of conflict and security in global politics.

For further information please visit: [www.birmingham.ac.uk/icc](http://www.birmingham.ac.uk/icc)

#### International Development (International Political Economy and Development) MSc/PGDip

Offered in collaboration with the International Development Department, this programme combines theoretical approaches to international political economy with practical experience of development to create a unique, multidisciplinary degree. Issues examined include: competing theories of political economy and political development; how theories of development link to development practice; different political systems and their histories; the complex relationship between political economy and development, including trade, financial systems, and aid; the impact of political systems and political actors on developmental success and failure, and the impact of the global, regional and national political economy on aid and donor policies.

For further information on this programme please contact Debra Beard – [d.l.beard@bham.ac.uk](mailto:d.l.beard@bham.ac.uk)

#### International Relations MA/PGDip

This programme offers a broad-based multidisciplinary approach to the study of International Relations with opportunities to specialise in one of several fields.

#### International Relations (Contemporary Asia Pacific) MA/PGDip

This programme is for students who want to gain an advanced knowledge of the main issues, problems and actors in the diverse region of East Asia today.

#### International Relations (Diplomacy) MA/PGDip

The 'Diplomacy' route of International Studies is for students wanting a clearer understanding of both the mechanisms of the dialogue between states and the instruments of statecraft commonly employed, and for students looking for a career in diplomacy. By taking this programme you will acquire a clear understanding of the development, rationale, methodology and practice of diplomacy. You will learn about:

- The law and practice of diplomatic immunity
- The purpose of protocol
- The pitfalls of international summitry and the theory behind different approaches to negotiations

You will also learn about coercive diplomacy, argue the merits of economic sanctions, and debate the limits and successes of public diplomacy.

#### International Relations (Gender) MA/PGDip

In seeking to 'gender' global politics, this programme explores the discipline of International Relations through the idea that gender matters to the structures, practices and theories of IR. Throughout, an awareness of specific issues relating to broader issues of sex and death in global politics, including rape as a weapon of war, genocide, peacekeeping and post-conflict reconstruction, will be sought and encouraged through committed and extended analysis of key texts and political practices.

# School of Government and Society

## POLITICAL SCIENCE AND INTERNATIONAL STUDIES

### International Relations (International Peacekeeping) MA/PGDip

Peacekeeping plays a key role in the prevention of war, in bringing an end to conflict and in the post-conflict reconstruction process. This Masters degree explores International Peacekeeping in the broader context of International Relations.

### International Relations (International Political Economy) MA/PGDip

This programme is for students from all over the world who are interested in the problems, challenges and opportunities presented by globalisation. It is also suitable for students wanting to gain an advanced knowledge of the theories and practice of international political economy, from a range of different disciplinary and empirical perspectives.

### International Relations (Security) MA/PGDip

This programme will appeal to a wide range of students who have an interest in security issues and practices, including civilian and military officials who want to deepen their understanding and upgrade their qualifications. You will develop an understanding of the core concepts that inform the study and practice of security.

### International Relations (Strategic Studies in the Age of Terror) MA/PGDip

This programme will appeal to a wide range of students who have an interest in security issues and practices, including civilian and military officials (most probably junior or mid-level officials), who want to deepen their understanding and upgrade their qualifications. It will also be of interest to students who seek to develop a deeper understanding of these very important aspects of international relations and of the world we live in. You can expect to gain an understanding of the wide-ranging nature of security studies, an appreciation of the historical importance of security issues, and an insight into future problems and debates that will affect the stability of the 21st-century world order.

### Political Science MA/PGDip

This MA is a general programme providing access to all the main intellectual strands of contemporary Political Science. Its core module is Advanced Political Analysis and you have the option to choose additional modules from a variety of options.

### Political Science (British Politics and the State) MA/PGDip

Drawing on extensive staff expertise in the area of British political economy, and offering students a range of options to complement their core studies of British Politics and the State, this programme provides excellent preparation for further academic research or a career in government, a range of related private-sector areas, and many kinds of non-governmental organisations.

Contact for taught programmes: Elizabeth Bradley –  
+44 (0)121 414 3497; e.bradley@bham.ac.uk

### Political Theory MA/PGDip

This programme aims to investigate the central problems of modern political theory, looking at some of the most important contemporary political thinkers, problems of analysis in political philosophy, and debates about the history of political thought.

### Social and Political Theory MA

With this programme you are able to explore critically the development of social and political theory and the key current debates. The sociological component of this degree is run by the Social Theory research cluster with strengths in critical theory, postmodernism, social movements and philosophy of the social sciences.

## Research programmes

### European Research PhD/MPhil

Our overall aim is to gain a fuller understanding of the processes of change that are shaping Europe, as a former communist and still fragmented East and a more tightly integrated West engage increasingly intensively with each other. Our research activities are focused on, but not confined to, the following key areas:

- East meets West
- Organising Europe
- Comparative governance
- Changing notions of citizenship in Europe



Course finder Apply online (see pages 24–25)



### Political Science and International Studies PhD/MPhil

We are able to supervise a wide range of topics, in line with the research interests of our teaching staff:

- Asia
- Diplomatic Studies
- European Politics
- International Relations Theory
- Political Economy
- Political Theory
- Security Studies
- Political Sociology
- Sociology
- Gender

- British Politics
- South/South relations and Emerging States

For a full list of research interests of current staff visit:

[www.birmingham.ac.uk/polsisstaff](http://www.birmingham.ac.uk/polsisstaff)

Contact: Adam Quinn – +44 (0)121 414 5313;

[a.j.quinn@bham.ac.uk](mailto:a.j.quinn@bham.ac.uk)

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at: [www.birmingham.ac.uk/drps](http://www.birmingham.ac.uk/drps)

'Studying at the University of Birmingham involves much more than getting a degree because it gives students the opportunity to put their research into action. At the moment I'm working on the territorial dispute over Kirkuk in Iraq. My research focuses on the international economic and social impact of the dispute.'

**Shakhawan Lashkri**, MA International Relations (Security), Department of Political Science and International Studies, pictured with PhD student Argyro Kartsonaki and Professor of International Security Stefan Wolff.



LEARN MORE [www.birmingham.ac.uk/pgprofiles](http://www.birmingham.ac.uk/pgprofiles)

# School of Government and Society

## GERMAN STUDIES

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
RESEARCH					
German Studies (Social Sciences) PhD/MPhil	PhD: Masters degree in a relevant subject MPhil: 2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	PhD: 3 years FT 6 years PT MPhil: 1 year FT 2 years PT	29/09/14

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014-15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

The Institute for German Studies, funded by the German Academic Exchange Service and the University of Birmingham, was set up in 1994. Since then, it has established itself as the leading UK centre of excellence in the study of contemporary Germany. The Institute for German Studies is located within the Department of Political Science and International Studies (POLISIS).

It is an interdisciplinary institute, ranging across political science, international relations, economics and cultural studies, and is dedicated principally to research and postgraduate study. With around 15 registered research students, it is, outside Germany itself, one of the biggest centres for postgraduate research in its field in the world.

### Scholarships and studentships

The Institute offers a full scholarship for doctoral students, consisting of tuition fees at UK/EU level, plus a maintenance component in line with funding council rates. The scholarship is offered on a competitive basis; full details are available at: [www.birmingham.ac.uk/igs](http://www.birmingham.ac.uk/igs)

Other scholarships are available. Please consult the University's postgraduate funding database for details: [www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

Learn more

[www.birmingham.ac.uk/igs](http://www.birmingham.ac.uk/igs)

## Research programmes

### German Studies (Social Sciences) PhD/MPhil

We can offer research degree supervision in all of our main research areas. These are:

- Germany in a comparative European context
- The politics and policies of unified Germany
- Transitional politics and the politics of memory
- German foreign and security policy
- Germany within the European Security System
- German literature, history and culture since 1600
- The role of Germany within the European Union
- Political parties in Germany and in a comparative context
- Political parties at the European level
- German gender politics
- Prisons and prisoner narratives
- Baader-Meinhof and West German terrorism
- EU external interventions
- EU counter-terrorism policies

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at: [www.birmingham.ac.uk/drpf](http://www.birmingham.ac.uk/drpf)

## SOCIOLOGY

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Social and Political Theory MA	2:1 (Hons); lower qualifications will be considered	£5,940 FT £2,970 PT	£13,665 FT only	1 year FT	29/09/14
RESEARCH					
Political Science and International Studies (with Research in Sociology) PhD/MPhil	High 2:1 (Hons)	£3,950 FT £1,975 PT	£12,565 FT only	PhD: 3 years FT 6 years PT MPhil: 2 years FT 4 years PT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014–15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

Sociology at Birmingham has a long history. We have an excellent reputation with a diverse postgraduate community with many of our postgraduate students coming from overseas to study in Birmingham. We also contribute to the intercollege MA in Social Research (see page 220).

### Facilities

There are currently seven full-time staff members and two research fellows in the department. There are two main areas of expertise:

- Social theory
- Political sociology

### Postgraduate study

We offer a Social and Political Theory Masters programme as well as doctoral research in the area of Sociology. In addition to the expertise of our staff, we have very close links with other departments and research units in the College of Social Sciences, allowing us to meet the needs of most research students, whom we support in all stages of their work. If you join us, you will find a very friendly, intellectually stimulating and academically supportive research environment.

We run a successful Sociology seminar series and often host half-day themed symposia inviting scholars of national and international standing to discuss their current research. Postgraduate students run their own 'brown-bag' seminar where they present papers on their own work in progress.

### Scholarships and studentships

Scholarships may be available. Please contact the Department or consult the University's postgraduate funding database for details: [www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

Learn more

[www.birmingham.ac.uk/sociology](http://www.birmingham.ac.uk/sociology)

# School of Government and Society

## SOCIOLOGY

### Taught programme

#### Social and Political Theory MA

This is a distinctive MA programme taught by specialists from the Social and Political Theory Research Group in the School of Government and Society. It offers an exciting range of modules dealing with topics of perennial interest together with topics of contemporary relevance. Topics studied can include debates about religious and cultural diversity and conflict, third wave feminism and post-feminism, critical theory and criticism after Marx, the relationship of philosophy to social and political enquiry and criticism, and the study of democracy.

### Research programmes

#### Political Science and International Studies

(with Research in Sociology) PhD/MPhil

We offer a PhD in Political Science and International Studies, which includes the opportunity to study Sociology as a research topic. (Please see page 263 for further information).

Our PhD programmes offer you a combination of taught courses in the first year and careful supervision throughout your study, with the aim of helping you produce a thesis that makes a significant and original contribution to the discipline.

Contact: [polsis-phd@contacts.bham.ac.uk](mailto:polsis-phd@contacts.bham.ac.uk)

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
**[www.birmingham.ac.uk/drp](http://www.birmingham.ac.uk/drp)**

'I would definitely recommend POLSIS to prospective students. Its vibrant research environment, excellent staff and friendly students make it an ideal place to conduct PhD research. I have had many opportunities to further my academic and professional skills, through participation in various seminars, colloquia and research visits to other institutions taking part in Universitas 21 – a network of research-intensive universities that spans the world. I would encourage anyone interested in the fields of politics and international affairs to join the Department.'

*Iván Fariás Pelcastre, PhD, School of Government and Society*



# School of Social Policy

The School of Social Policy is an international leader in research and teaching in social policy and social work, examining key social issues and problems and the ways in which politicians, institutions and professionals respond. Our research and teaching interests range widely across the fields of social policy, social care and health and professional practice.

The School is committed to spanning the divide between academia and practice, and to ensuring the impact of its research through teaching, publications, consultancy and policy advice. Our relationships and collaborative work with a range of formal and community organisations means that our research and academic study environment is dynamic, highly contemporary and has a resonance and practical links with the world of employment. Through our range of programmes of study, we will help you to further develop the qualities that employers value and provide you with a route into a range of advanced careers and professional pathways.

As part of this mission, the School offers a range of taught and research programmes, as well as continuing professional and management development opportunities in relation to:

- Social Policy
- Social Work
- Health Services Management

The School contributes to an Economic and Social Research Council (ESRC) research training programme; the MA Social Research (see page 220). The University is one of only 12 UK institutions to have been awarded Doctoral Training Centre status by the ESRC, the UK funding body for social sciences. The new Centre draws on expertise across the social sciences at Birmingham to deliver outstanding postgraduate training for more than 70 social scientists. It will also reach out to staff, students, and policy makers beyond the University through its programme of short course research training opportunities.

## Facilities

The Institute of Applied Social Studies is largely based within the refurbished Muirhead Tower on the University's main Edgbaston campus, offering state-of-the-art teaching and research study facilities. Staff and students from the Health Services Management Centre are based in Park House – located close to the heart of the campus with fully equipped library and information services, comfortable teaching rooms, restaurant, IT/internet services and onsite administration.

Our breadth of interest is reflected in the facilities for graduate research supervision and the range of programmes offered at postgraduate level. Our research programmes are recognised by the ESRC and regular postgraduate seminars are offered. There are specialist research training courses to support both research and taught postgraduate students.

## Pre-arrival support

The School undertakes a series of open days, applicant visit days and online events to make it easier for enquirers, applicants and offer-holders to make contact with our current students and staff. For details on upcoming events, please visit our website or contact the School directly. We will also keep in contact with you by email up until the point of enrolment, to ensure you are kept up to date with developments in the School/Department and to help prepare you for your forthcoming studies.

## Career prospects/employability

Graduates from the School have gone on to pursue careers in a variety of fields, working with the National Health Service, private health service providers, for local authorities in the areas of social work, housing, adult services and also pursued careers in academia and research.

# School of Social Policy

## SOCIAL POLICY

FT Full-time  
PT Part-time  
DL Distance Learning

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Policy into Practice MA/PGDip/PGCert	2:1 (Hons) or equivalent professional qualification	This programme is designed for international students	MA: £12,565 FT only PGDip: £9,424 FT only PGCert: £3,141 FT only	1 year FT 2 years PT	29/09/14
Policy into Practice (with Integrated Placement) MA/PGDip	2:1 (Hons) or equivalent professional qualification	This programme is designed for international students	MA: £12,565 FT only PGDip: £9,424 FT only PGCert: £3,141 FT only	MA: 21 months FT PGDip: 9 months FT 18 months PT	29/09/14
New Migration and Social Policy MA/PGDip/PGCert	2:1 (Hons) in a social science or related field; relevant work experience will also be considered	MA: £5,940 FT £2,970 PT PGDip: £3,960 FT £1,980 PT PGCert: £1,980 FT £1,980 PT	MA: £13,665 FT only PGDip: £9,110 FT only PGCert: £4,555 FT only	1 year FT 2 years PT	29/09/14
Social Policy MA/PGDip/PGCert	2:1 (Hons) in a social science or related field; or 5 years' relevant work experience	MA: £5,940 FT £2,970 PT PGDip: £3,960 FT £1,980 PT PGCert: £1,980 FT £1,980 PT	MA: £13,665 FT only PGDip: £9,110 FT only PGCert: £4,555 FT only	MA: 1 year FT 2 years PT PGDip: 9 months FT 18 months PT	29/09/14
Social Research (Social Policy) MA/PGDip	2:1 (Hons) in a relevant subject	MA: £5,940 FT £2,970 PT PGDip: £3,960 FT £1,980 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
RESEARCH					
Social Policy PhD	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	PhD: 3 years FT 6 years PT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014-15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

Social Policy degree programmes provide you with the opportunity to analyse contemporary issues and debates around themes such as crime, health, housing, education and social care. It is an interdisciplinary discipline, drawing on subjects such as sociology, politics, psychology, history, media and cultural studies and is suitable for students who have studied a range of subjects.

Social policy issues not only have a high profile in all forms of contemporary media, but also form the focus of the work of a wide range of agencies and professions. We therefore have well-established links with social care and health agencies in the Midlands and with community, user and voluntary organisations regionally, nationally and internationally.

### Postgraduate study

We offer a wide range of taught Masters programmes, as well as Postgraduate Diplomas, Certificates and other qualifications which can be taken on a full-time, part-time or modular basis. We offer a range of taught programmes for graduates to take forward their interests in the fields of social policy, professional practice and new migration including those preparing to undertake a research degree or looking towards a career in research.

### Learn more

[www.birmingham.ac.uk/iass](http://www.birmingham.ac.uk/iass)

Contact: Mrs Pat Wright – [p.wright@bham.ac.uk](mailto:p.wright@bham.ac.uk)



## Course finder [Apply online](#) (see pages 24–25)

### Taught programmes

#### **Policy into Practice** MA/PGDip/PGCert

The study of Policy into Practice concerns the development and nature of government interventions aimed at ensuring the welfare needs of their populations are met, and the ways those interventions are put into effect. Starting from an examination of UK social policy, the programme widens out to examine the experience and challenges facing other countries.

Contact: Ms Pat Wright – +44 (0)121 414 8029;  
p.m.wright@bham.ac.uk

#### **Policy into Practice (with Integrated Placement)** MA/PGDip

This programme has been designed primarily for international students who are government officers with work experience in social policy areas. It starts from an examination of UK social policy, with opportunities to examine the experience and challenges facing other countries, as well as studying UK social policy in depth. Students also have the opportunity to take a work-based placement within one or more public, private or third sector organisations in the West Midlands area.

Contact: Ms Pat Wright – +44 (0)121 414 8029;  
p.m.wright@bham.ac.uk

#### **New Migration and Social Policy** MA/PGDip/PGCert

This programme explores the social, economic and political effects of the new era of migration and consequent emerging superdiversity. It analyses the multiple variables displayed by different migrants in terms of age and gender profiles, as well as immigration status, and associated rights and entitlements. Taking an applied approach, the programme will help you to learn how to access data sources and undertake research in ways that can address the challenges of understanding the nature of superdiverse populations, the needs of superdiverse communities and how they might be met.

Contact: Ms Pat Wright – +44 (0)121 414 8029;  
p.m.wright@bham.ac.uk



#### **Social Policy** MA/PGDip/PGCert

This programme introduces you to the study of social policy and to the recent, current and future political, economic and demographic context of policy-making. It is particularly suitable if you have a first degree in another discipline and are seeking a move into the area of social policy. It is also suitable for international students with experience in social policy, welfare and care areas in their own country.

The MA includes assessed modules (120 credits) and the completion of a 10,000-word dissertation (60 credits), while the Postgraduate Diploma includes assessed modules (120 credits).

Contact: Ms Pat Wright – +44 (0)121 414 5708;  
p.m.wright@bham.ac.uk

#### **Social Research (Social Policy)** MA/PGDip

Within the public sector, there is an increasing emphasis on evidence-based policy making and on the critical review of policy making and its impacts. This programme will provide you with the skills to make a real difference in this area. It offers you a rigorous and systematic social research training, an opportunity to apply this to your particular area of policy (or practice) interest and the opportunity to study relevant aspects of policy and practice in more depth.

This programme is recognised by the ESRC as a research training programme designed to provide participants with a sound background in overall research design and the opportunity to apply these to your particular areas of policy interest. The core elements of this programme are delivered by staff from across the College of Social Sciences, many of them engaged in cutting-edge research in their particular fields.

The MA programme includes assessed core modules and short courses (120 credits) and the completion of a 10,000-word dissertation (60 credits), while the Postgraduate Diploma includes the assessed courses only (120 credits).

Contact: Ms Pat Wright – +44 (0)121 414 5708;  
p.m.wright@bham.ac.uk

# School of Social Policy

## SOCIAL POLICY

### Research programmes

#### Social Policy PhD

Research areas include:

- IRiS – Institute for Research into Superdiversity
- CHASM – Centre on Household Assets and Savings Management
- Health and social wellbeing
- Third Sector Research Centre

- Housing and Communities
- Families, Policy and Professional Practice

For a full list of research interests of staff, including contact details, visit: [www.birmingham.ac.uk/schools/social-policy/departments/applied-social-studies/staff](http://www.birmingham.ac.uk/schools/social-policy/departments/applied-social-studies/staff)

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at: [www.birmingham.ac.uk/drps](http://www.birmingham.ac.uk/drps)

'I chose this particular MA programme because it's recognised by the Economic and Social Research Council and run by a Russell Group university that conducts world-leading research. The MA has been a really positive experience; I've gained a lot of skills and have covered pretty much every major research method used in social science.'

**Olivia Vicol**, MA Social Research, School of Social Policy.



LEARN MORE [www.birmingham.ac.uk/pgprofiles](http://www.birmingham.ac.uk/pgprofiles)

FT Full-time  
PT Part-time  
DL Distance Learning

## SOCIAL WORK

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Advanced Practice (Leadership and Management for Social Care) MA/PGDip	An Honours degree or evidence of ability to study at postgraduate level, and a managerial or other leadership role in a social care setting	MA top-up: £1,710 PT PGDip: £3,200 PT or £533.33 per module (except for Leading Learning for Effective Safeguarding: £855)	Please contact the School	PGDip: 18–24 months PT MA top-up: 1 year PT	29/09/14
Advanced Practice (Leadership and Management for Social Work) MA/PGDip/PQ	An Honours degree or evidence of ability to study at postgraduate level, plus a social work qualification and a management/leadership role in a social work setting	MA top-up: £1,710 PT PGDip: £3,200 PT or £533.33 per module (except for Leading Learning for Effective Safeguarding Module – £855)	Please contact the School	MA top-up: 1 year PT PGDip: 18–24 months PT	29/09/14
Social Research (Social Work and Professional Practice) MA/PGDip	2:1 (Hons) in a relevant subject	MA: £5,940 FT £2,970 PT PGDip: £3,960 FT £1,980 PT	£13,665 FT only	1 year FT 2 years PT	29/09/14
Social Work MA	2:1 (Hons) in a relevant subject, plus at least 6 weeks' social care experience; 2:2 (Hons) will also be considered if experience is particularly strong. You must also have English and Mathematics at GCSE grade C	£4,795 FT only	£13,665 FT only	2 years FT	29/09/14
RESEARCH					
Doctorate in Social Work	2:1 (Hons) in social science, or a lower qualification plus a Masters degree. You will usually need a relevant professional qualification and three years' work experience	£1,975 PT only	£6,282.50 PT only	6 years PT	29/09/14

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014–15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

Social Work is a profession committed to protecting and speaking out on behalf of marginalised and vulnerable members of our society. At the University of Birmingham we have developed a reputation for delivering high-quality teaching and learning which enables students to develop into reflective and research-informed professionals.

We run what is believed to be the oldest, continually running social work training course in the country. Having provided social work education since 1908, when one of the first Diplomas in Social Studies in the UK was established at the University, we celebrated our centenary in 2008.

### Postgraduate study

We offer a range of courses, suitable for people at all stages of their social work career. Our Social Work MA offers a degree programme that explores social work values, theories, law, methods and skills, as well as providing the approved qualification to practise as a professional social worker. Academic study is combined with practice learning through placements with local services.

We also provide a range of further studies for qualified professionals looking to develop advanced practice expertise or to strengthen their research skills and experiences.

# School of Social Policy

## SOCIAL WORK

### Taught programmes

#### Advanced Practice

**(Leadership and Management for Social Care)** MA/PGDip

#### Advanced Practice

**(Leadership and Management for Social Work)**

MA/PGDip and PQ (Higher Specialist) Award

These programmes are designed for the further development of those holding a management or other leadership role in a Social Care or Social Work setting (who may or may not be eligible for a Post Qualifying Award in Social Work). They are relevant to those providing leadership in relation to practice education as well as service delivery. Areas studied include skills and knowledge for managing diversity; leading for quality assurance; organisational change; managing partnerships; coaching; managing reflectively and leading learning processes.

Contact: Hanna Wride – +44 (0)121 415 8024;

[h.j.wride@bham.ac.uk](mailto:h.j.wride@bham.ac.uk)

#### Social Research (Social Work and Professional Practice)

MA/PGDip

These programmes are recognised by the ESRC as a research training programme and as the first part of a '1+3' ESRC studentship. They are suitable for those seeking an academic or other career in social research, and focus on the theories and philosophy of social research, methods and skills, and the use of research in the study, development and evaluation of social policy.

The MA includes assessed courses (120 credits) and the completion of a 10,000-word dissertation (60 credits), while the Postgraduate Diploma includes assessed courses (120 credits).

Contact: Ms Pat Wright – +44 (0)121 414 5708;

[p.m.wright@bham.ac.uk](mailto:p.m.wright@bham.ac.uk)

#### Social Work MA

This two-year programme offers the opportunity to apply the academic approaches of social science to social work, and leads both to a professional qualification in social work and an academic award of MA (on completion of a dissertation). In addition to academic study, students will also undertake two assessed practice placements and have the opportunity to specialise in a particular field of practice in their final year.

Applications for this course are made via UCAS:

[www.ucas.com](http://www.ucas.com) (UCAS code: L502).

Contact: Wendy Banner – +44 (0)121 414 5719;

[w.banner@bham.ac.uk](mailto:w.banner@bham.ac.uk)

### Research programmes

#### Doctorate in Social Work

This doctorate is designed for those who are involved in the practical aspects of social policy and practice in a wide range of settings including government, voluntary organisations, community-based projects, education, social care, health care, probation and user groups, as paid workers or volunteers. It is of interest to policy makers, social workers, probation officers, nurses, occupational therapists, clergy, police and others. It aims to develop critical reflection on participants' policy, practice and organisational contexts, applied social research skills, and an ability to carry out and apply original research. The programme comprises research training, a 50,000-word thesis demonstrating original work, and a critical reflection on the outcomes of the research.

Contact: Dr Harriet Clarke – +44 (0)121 414 8479;

[h.clarke@bham.ac.uk](mailto:h.clarke@bham.ac.uk)

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
[www.birmingham.ac.uk/drps](http://www.birmingham.ac.uk/drps)



FT Full-time  
PT Part-time  
DL Distance Learning

## HEALTH SERVICES MANAGEMENT

Programmes	Entry requirements	Annual fees*		Duration	Start date
		Home/EU	International		
TAUGHT					
Health Care Commissioning PGCert	You should normally have an undergraduate degree of at least an upper second standard or an equivalent professional qualification. However, if you do not have a degree or professional qualification then previous research or career experience may also be taken into account	Contact the School for the latest information	Contact the School for the latest information	9 months PT	09/14
Health Care Policy and Management MSc/PGDip	2:1 (Hons) in a relevant subject, or a professional qualification and experience	MSc: £9,270 FT £4,635 PT PGDip: £8,040 FT £4,020 PT	£14,495 FT only PGDip: £14,495 FT only	1 year FT 2 years PT	29/09/14
Leadership for Health Services Improvement MSc/PGDip	2:1 (Hons) in a relevant subject, or a professional qualification and experience. You must also be employed by a healthcare-related organisation	MSc: £5,130 PT only PGDip: £4,320 PT only	MSc: £7,247 PT only PGDip: £7,247 PT only	2 years PT	29/09/14
Public Service Commissioning MSc/PGDip/GDip/PGCert/GCrt	2:1 (Hons) in a relevant subject, or a professional qualification and experience	MSc: £9,270 FT £4,635 PT PGDip: £8,040 FT £4,020 PT PGCert: £8,040 FT £4,020 PT	MSc: £14,495 FT only PGDip: £14,495 FT only	MSc: 1 year FT 2 years PT PGDip/PGCert: 9 months FT 21 months PT	September, January or May
RESEARCH					
Health Services Management PhD/MPHil	2:1 (Hons) in a relevant subject	£3,950 FT £1,975 PT	£12,565 FT only	PhD: 3 years FT 6 years PT	Negotiable

\* Tuition fees correct at time of going to print (September 2013). Some programmes may charge additional fees to those stated here (such as bench fees). For the most up-to-date fees information visit: [www.birmingham.ac.uk/pgfees](http://www.birmingham.ac.uk/pgfees)  
For UK/EU postgraduate research students, the annual University fee level is set at UK Research Council rates and as such is subject to change. The indicative fee level for 2014-15 will increase in line with the GDP deflator and will be announced by Research Councils UK in spring 2014.

The Health Services Management Centre (HSMC) has a wide range of research, teaching and consultancy activities directed towards increasing the effectiveness of health care services, both in the National Health Service (NHS) and internationally. We have a strong research record and our staff publish widely in both academic and healthcare-related journals.

Distinctive features of HSMC's work and reputation have been its recognition of the interdependence between research, teaching and consultancy; its dual expertise on process and content when working with health and social services; and its emphasis on providing research-based policy analysis, development and teaching to the health and social care community.

### Facilities

The HSMC library collection consists of around 14,000 titles made up of books, reports, pamphlets and Department of Health circulars dating back to the 1920s. These are focused on the non-clinical aspects of health care and include among others health and social policy, health management, leadership and organisational development. We subscribe to a number of e-journal titles and are able to offer a free article request service for items not available on campus. The Library is also able to offer support and training – running sessions, for example, on literature searching, navigating online databases and the use of reference software.

# School of Social Policy

## HEALTH SERVICES MANAGEMENT

We also hold a growing collection of eBooks and staff are also able to post out books to users as part of a free postal loan service. Reading lists and online support is available through dedicated web pages and we can distribute a number of specialised current awareness bulletins.

### Postgraduate study

Research forms the foundation of HSMC's work and in our research we strive for the dual goals of rigour and relevance. This means that our research is conducted to high intellectual standards but is not 'ivory tower'. Our current research interests include commissioning, leadership, health and social care partnerships and long term conditions.

We offer two types of research degree: MPhil and PhD. Both may be taken either by full- or part-time study. Prospective applicants for research degrees in any aspect of health service management and health care policy are invited to apply, outlining their special interests. As part of their application, candidates will need to submit an outline proposal of their research topic.

Contact: Pat Wright – +44 (0)121 414 570;  
p.m.wright@bham.ac.uk

Detailed enquiries should be made to: Professor Martin Powell – +44 (0)121 414 4462; m.powell@bham.ac.uk

### Scholarships and studentships

Scholarships may be available. Please contact the Department or consult the University's postgraduate funding database for details:  
[www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

### Learn more

[www.birmingham.ac.uk/hsmc](http://www.birmingham.ac.uk/hsmc)

'During the course of my PhD I have been able to play an active role in the academic life of the School, attending weekly doctoral researcher seminars, teaching undergraduates and participating in research group symposia. Although leaving my job to return to study has presented challenges, the personal and professional development that I have achieved has meant it is a decision I shall never regret.'

*Clare Hill, PhD, School of Social Policy*

## Taught programmes

### Health Care Commissioning PG Cert

This Postgraduate Certificate in Health Care Commissioning is designed specifically for clinical commissioners, all those involved in new CCGs and commissioning support organisations. Within the new commissioning structure there is an urgent need for training and development for clinical commissioners and those who support them. Although policy emphasises the importance of 'commissioning', it has not always enjoyed the infrastructure necessary to equip healthcare commissioners with the right skills and knowledge – and formal, well-established development opportunities can be rare. In accessing such support, clinical commissioners will need to balance existing workloads and commitments with the training they need to adapt to new roles – and a Postgraduate Certificate offers scope to get the best of both worlds sufficiently in depth while not taking the time of a full MSc. The programme consists of three core modules: Strategic Commissioning; Decision Making and Priority Setting and Procurement and Market Management.

Contact: Kate Vos – +44 (0)121 414 3174; c.j.vos@bham.ac.uk



## Course finder **Apply online** (see pages 24–25)



### **Health Care Policy and Management** MSc/PGDip

This MSc provides both theoretical frameworks and practical tools that can be applied to health systems in the UK and overseas, designed for senior managers, clinicians and policy makers working in or with healthcare organisations, or with an interest in developing their careers in this direction. This programme is available with optional specialisms in:

- Commissioning
- Quality and Service Improvement
- Integrated Care

The Health Care Policy and Management programme consists of four core modules and you also study two further 20-credit modules chosen from a wide range offered within HSMC and the University. A 10,000-word dissertation on an agreed topic in the area of health care policy and management is required for the completion of this MSc.

Contact: Kate Vos, Postgraduate Programmes Manager –  
+44 (0)121 414 3174; c.j.vos@bham.ac.uk

### **Leadership for Health Services Improvement** MSc/PGDip

This part-time programme responds to the contemporary political agenda by developing leadership skills within the context of improving health services. It explores the theory, principles and practice of leadership and service improvement in health-related organisations with exploration of key issues relating to the individual, the organisation and the client. It includes a focus on personal development and action learning.

Contact: Kate Vos, Postgraduate Programmes Manager –  
+44 (0)121 414 3174; c.j.vos@bham.ac.uk

### **Public Service Commissioning** MSc/PGDip/PGCert

*Taught in collaboration with the Institute of Local Government Studies*

The first course of its kind in the UK, this MSc is aimed at developing your understanding of the politics, principles, evidence and skills associated with public service commissioning and how these interact across organisational boundaries. It is designed for senior managers and policy makers working

in or with public commissioning organisations or with an interest in developing their careers in this direction. It is offered on a full-time (one year) or part-time (two year) basis.

MSc participants study four core modules plus one sector-specific module from outside the participant's own area of practice, plus any one other option module and a 10,000-word dissertation. Diploma participants follow the same module choices as their MSc colleagues but are exempt from the dissertation element. Certificate participants study at least two of the core modules plus one further module of their choice.

Contact: Sarah Smith – +44 (0)121 414 8390;  
s.e.smith.2@bham.ac.uk

## Research programmes

### **Health Services Management** PhD/MPhil

We offer the opportunity for research in a wide variety of topics relating to health service policy and management, including:

- Leadership and organisational development
- Patient experience and public involvement
- Partnerships, collaboration and integration
- Clinical and strategic commissioning
- Quality and innovation in service provision

For a complete list of research interests of staff with contact details, visit: [www.birmingham.ac.uk/hsmc](http://www.birmingham.ac.uk/hsmc)

Detailed enquiries should be made to:

Contact: Ms Pat Wright – +44 (0)121 414 5708;  
p.m.wright@bham.ac.uk

For full details of our PhD programmes and staff research interests, please order your bespoke copy of the Doctoral Research Prospectus at:  
**[www.birmingham.ac.uk/drps](http://www.birmingham.ac.uk/drps)**

# School of Social Policy



## NHS LEADERSHIP ACADEMY PROGRAMMES

NHS Leadership Academy programmes are the first in a new set of national NHS professional development programmes to combine successful leadership strategies from international health care, private sector organisations and academic expert content.

The Health Services Management Centre and Birmingham Business School have been selected to support the NHS to deliver two of the three professional development programmes available to over 25,000 staff including doctors, nurses, allied health professionals, healthcare scientists and HR and finance staff.

With a programme for each level of leadership responsibility, the NHS Leadership Academy is providing targeted development for people from all backgrounds, experience and levels who have what it takes to create a more capable and compassionate healthcare system. If you are looking to develop the knowledge, skills, expertise, attitudes and behaviours to support the next steps in your personal leadership journey, then one of these programmes will be for you.

### **The Elizabeth Garrett Anderson programme** Leading Care II

This programme is for dynamic mid-level leaders determined to challenge the status quo and have wider impact by leading a culture of compassion at a senior level of the NHS. Successful completion of the programme will lead to an NHS Leadership Academy award in Senior Healthcare Leadership and an MSc in Healthcare Leadership.

### **The Nye Bevan programme** Leading Care III

For senior leaders looking to move into an Executive leadership role and drive change through the very highest levels of the healthcare system. Completing the programme will help you support a culture of ever improving patient care across your organisation and the wider care communities. It will lead to an NHS Leadership Academy award in Executive Healthcare Leadership.

For further details and to apply to either of the programmes go to: [www.leadershipacademy.nhs.uk/programmes](http://www.leadershipacademy.nhs.uk/programmes) or to find out more about our involvement visit: [www.birmingham.ac.uk/hsmc](http://www.birmingham.ac.uk/hsmc)



'We are involved in designing and delivering programmes for the new NHS Leadership Academy, including a leadership development programme aimed at mid-tier leaders working across health and social care. Eighty-five per cent of the programme is online and much of the curriculum is work-based, so it helps busy health and social care staff study in their own time and apply what they learn in their workplace with immediate practical benefit.'

**Deborah Davidson**, Senior Fellow, Health Services Management Centre (pictured left).

**LEARN MORE** [www.birmingham.ac.uk/pgprofiles](http://www.birmingham.ac.uk/pgprofiles)



# How to find us

BIRMINGHAM IS AT THE HEART OF THE UK'S ROAD AND RAIL NETWORK, AND IS EASILY ACCESSIBLE FROM OTHER PARTS OF THE COUNTRY AND BEYOND. **THE UNIVERSITY'S MAIN CAMPUS IS A MAJOR LANDMARK IN BIRMINGHAM.**

The University is committed to reducing its impact on the environment and has a Sustainable Travel Plan containing a series of initiatives to encourage and enable members of the University community to walk, cycle, car share or use public transport to travel where possible. For information on all the travel options available to you please visit: [www.birmingham.ac.uk/travel](http://www.birmingham.ac.uk/travel)

## By road

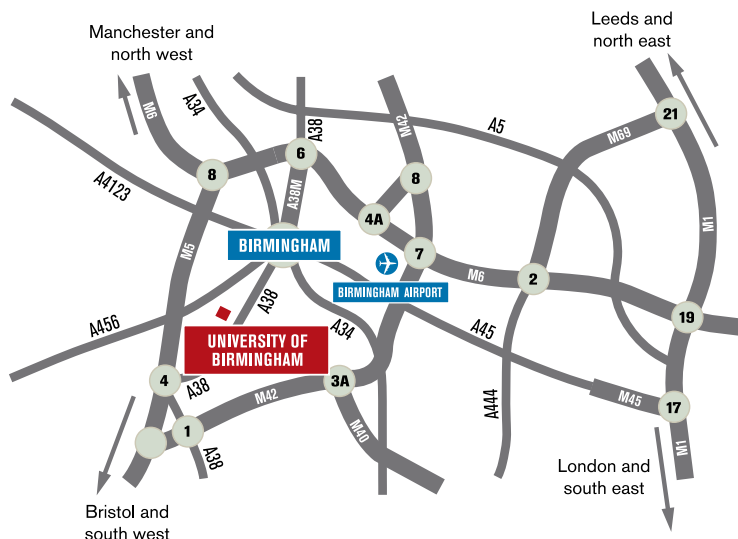
Birmingham's central location makes it easy to get here by car. Simply pop our postcode 'B15 2TT' into your sat nav or route planner for step-by-step directions.

## By rail

The University is fortunate enough to have its own railway station. Most cross-country services arrive at Birmingham New Street station in the city centre. Up to six trains an hour depart for the University on the cross-city line (final destination Longbridge or Redditch). The centre of the main campus is just a five-minute walk from University station.

## By coach

There are frequent express coach services to Birmingham from London's Heathrow and Gatwick airports and many UK cities. The long-distance coach station is in Digbeth in the city centre.



## By bus

There are frequent services from the city centre to the University's Edgbaston and Selly Oak campuses. You can find bus timetables and departure point information at: [www.nxbus.co.uk/west-midlands](http://www.nxbus.co.uk/west-midlands)

National Express West Midlands has also produced a leaflet called *Getting to and from University of Birmingham* which is available to download from: [www.intranet.birmingham.ac.uk/buslinks](http://www.intranet.birmingham.ac.uk/buslinks)

## By taxi

There are taxi ranks at Birmingham New Street station and throughout the city centre. The journey to the University takes approximately ten minutes.





### By air

Birmingham Airport has direct flights from locations in the UK, as well as from the USA, Canada, Europe and the Middle East. The journey by taxi from the airport to the University takes approximately half an hour. A free air–rail link runs from the airport to Birmingham International railway station every two minutes and connects with frequent services to Birmingham New Street station. If you are arriving at a London airport, there is a frequent train service from London Euston railway station to Birmingham New Street station:

- From Heathrow Airport, take the Heathrow Express train to Paddington station and then the Underground or a taxi to Euston. Alternatively, take an Airbus from Heathrow Airport direct to Euston station.
- From Gatwick Airport, take the Airport Express train to Victoria station and then the Underground or a taxi to Euston.

### Further information

National Rail Enquiries (trains)

Tel: 08457 48 49 50 (UK)

Tel: +44 (0)20 7278 5240 (International)

[www.nationalrail.co.uk](http://www.nationalrail.co.uk)

National Express (coach)

Tel: +44 (0)871 781 8178

[www.nationalexpress.com](http://www.nationalexpress.com)

National Express West Midlands (bus/metro)

Tel: +44 (0)871 200 2233

[www.nxbus.co.uk/west-midlands](http://www.nxbus.co.uk/west-midlands)

Centro (all public transport)

Tel: +44 (0)121 200 2787

[www.centro.org.uk](http://www.centro.org.uk)

Birmingham Tourism Centre

Tel: +44 (0)844 888 3883

[www.visitbirmingham.com](http://www.visitbirmingham.com)

Birmingham Airport

Tel: +44 (0)871 222 0072

[www.birminghamairport.co.uk](http://www.birminghamairport.co.uk)

### Directions to other University locations

The School of Dentistry is located in Birmingham city centre. Use the School's postcode 'B4 6NN' in your chosen route planner or sat nav or get detailed directions at:

[www.birmingham.ac.uk/dentistrymap](http://www.birmingham.ac.uk/dentistrymap)

For directions to the Shakespeare Institute in Stratford-upon-Avon use the postcode 'CV37 6HP'.

For detailed directions to the Ironbridge Institute go to:

[www.birmingham.ac.uk/ironbridgemap](http://www.birmingham.ac.uk/ironbridgemap)

For the Priestly Centre at Coniston in the Lake District enter the postcode 'LA21 8AX' into your route planner.

## University locations

A School of Dentistry and Children's  
Hospital NHS Trust

## B The Vale

## C Conference Park

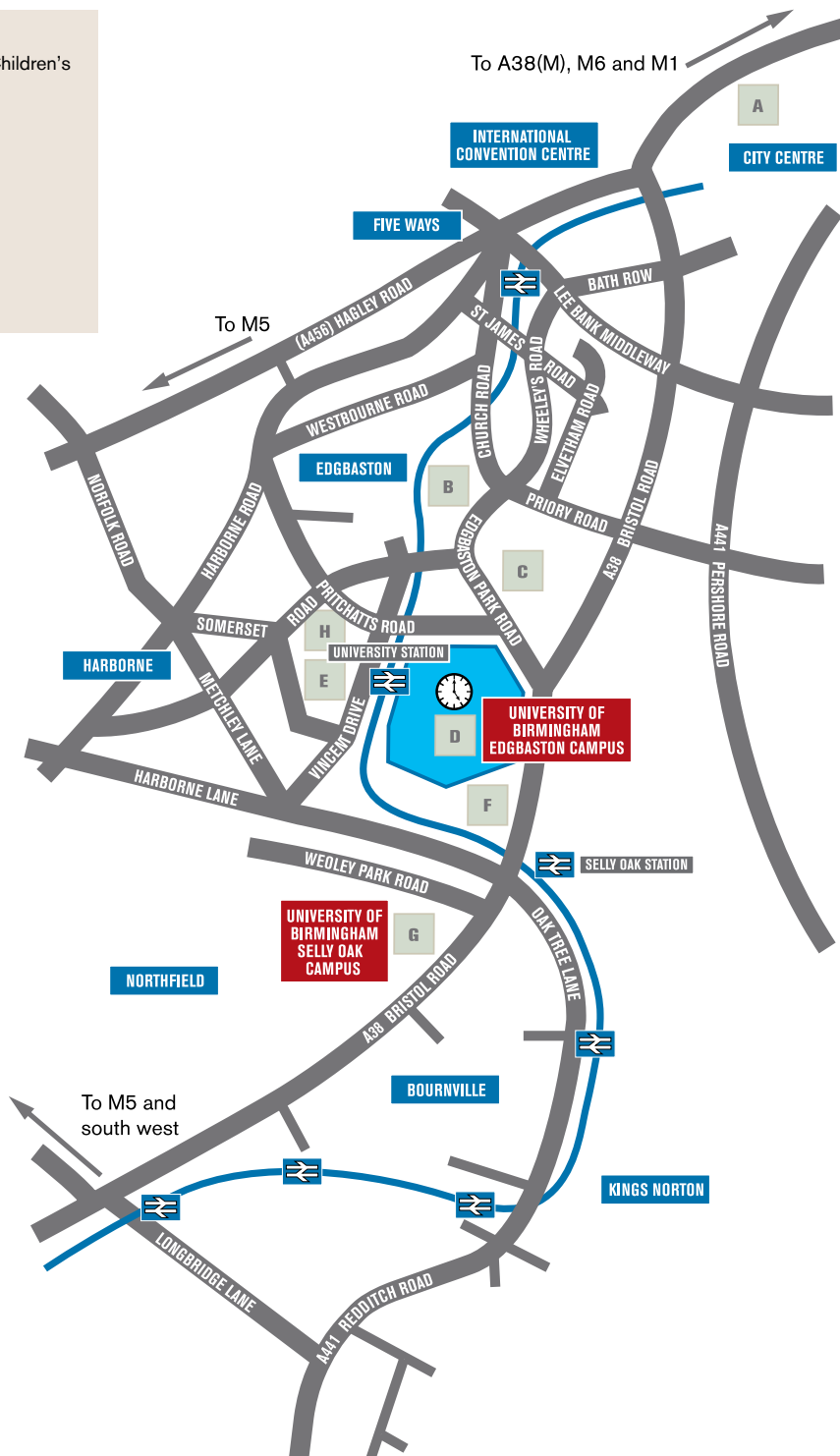
D Edgbaston campus

E Medical School

F Jarratt Hall

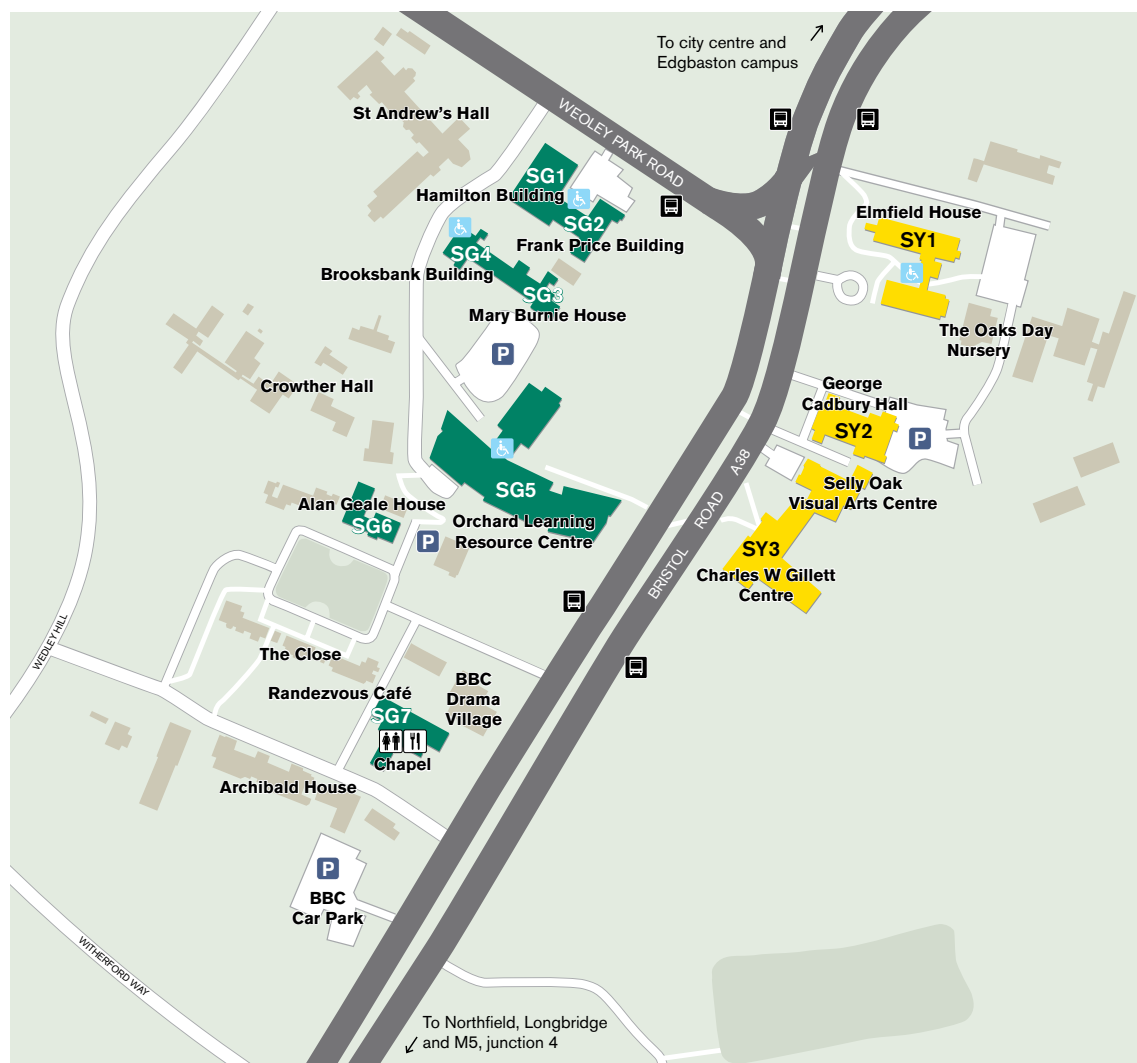
G Selly Oak campus

H Pritchatts Park



# The Selly Oak campus

THE SELLY OAK CAMPUS IS 15 MINUTES FROM BIRMINGHAM CITY CENTRE AND ONLY FIVE MINUTES AWAY BY CAR FROM THE EDGBASTON CAMPUS, ON AN 80-ACRE GARDEN SITE NEAR THE VILLAGE OF BOURNVILLE. IT IS HOME TO THE ORCHARD LEARNING RESOURCE CENTRE AND BBC DRAMA VILLAGE.



# The Edgbaston campus

THE EDGBASTON CAMPUS IS A SELF-CONTAINED SITE DIVIDED INTO FIVE AREAS. HERE WE PROVIDE AN OVERVIEW OF WHAT YOU WILL FIND IN EACH – FOR MORE DETAILED MAPS GO ONLINE:

[www.birmingham.ac.uk/directions](http://www.birmingham.ac.uk/directions)

## Red Zone

Central academic area, includes facilities for many of our departments including Arts disciplines, Law, Education, Earth Sciences, Physics and Mathematics; also houses the Main Library, shops, banks and the Munrow Sports Centre

## Blue Zone

Home to the Medical School and associated research centres

## Orange Zone

Student support services including the Guild of Students (Students' Union) and Chaplaincy

## Yellow Zone

Facilities include Civil and Chemical Engineering, Chemistry, Sport, Exercise and Rehabilitation Sciences, Computer Science and some Health disciplines

## Green Zone

The School of Philosophy, Theology and Religion, Metallurgy and Materials laboratories, and Electronic Engineering can be found here; also conference facilities and our botanic garden





# The small print – essential information for all students

THE FOLLOWING SECTION COVERS ESSENTIAL INFORMATION FOR ALL APPLICANTS, INCLUDING IMPORTANT TERMS, CONDITIONS AND REQUIREMENTS THAT THE UNIVERSITY WILL APPLY AND RELY UPON IN ITS FUTURE RELATIONSHIP WITH YOU. THE UNIVERSITY THEREFORE CONSIDERS IT ESSENTIAL THAT YOU READ THEM CAREFULLY.

The following documentation and legislation provides a framework through which the University and its students work together to create a positive environment for learning and academic achievement:

- The Undergraduate and Postgraduate Prospectuses
- The offer letter
- The University's Royal Charter, statutes, ordinances, and regulations and subordinate legislation, etc; together called 'the University Legislation'
- Code of practice and related information on admission to the University of Birmingham
- School guidelines
- Programme requirements
- Registration documentation

This documentation establishes the basis of an agreement between the University and its students as to the rights, roles and responsibilities of both parties.

Admission to the University is subject to the requirement that the applicant will comply with the University's registration procedure and will duly observe this documentation. The documentation (except for the Prospectus, offer letter and registration documentation) is available on the University's website: [www.as.bham.ac.uk/legislation](http://www.as.bham.ac.uk/legislation)

## Application and admission to the University: information and requirements

It is essential that you provide accurate and complete information in your application form. If you fail to do so the University can withdraw the offer of a place and insist that you leave. See also: [www.birmingham.ac.uk/students/apply-pg](http://www.birmingham.ac.uk/students/apply-pg)

## Criminal convictions

When you apply to the University, you must disclose any unspent criminal convictions. Some programmes will require the disclosure of all convictions, spent or unspent. The University will consider whether such convictions are compatible with membership and a place on a particular programme. If your situation changes after the offer of a place please notify the admissions tutor for your programme, or if you have already enrolled, the programme director.

## Disabilities

If you have study support needs related to a disability, including dyslexia and other specific learning difficulties, mental health conditions, or other health conditions, the University will seek to support you whenever possible. If you have not yet disclosed that disability, we would

encourage you to do so at the earliest opportunity to assist us in putting in place the appropriate support in good time. We would normally document the support to be provided in an agreed statement. Even if you have already disclosed a disability, please make sure you contact the Disability and Learning Support Service before you accept any offer of a place, in order to establish what support is available and the information we need to ensure this can be arranged. You should be aware that if you choose not to disclose your disability, or to limit that disclosure, while we will do our best to help you, you may not be able to access the full range of support available. The Disability and Learning Support Team can be contacted by telephone on +44 (0)121 414 5130 or by email at [disability@bham.ac.uk](mailto:disability@bham.ac.uk). Further information is also available at: [www.birmingham.ac.uk/students/disability](http://www.birmingham.ac.uk/students/disability)

## Programme entry requirements

The programme requirements for admission are set out in the relevant section of the prospectus. Please consider these carefully to ensure you are eligible for your chosen subject.



### Health requirements

The University and bodies such as the General Medical Council and the Department for Education require applicants for certain programmes to provide information regarding their physical health. Applicants may also be required to undergo a health check and to provide evidence of immunisation against certain diseases. The offer of a place is conditional on such requirements being met.

### Blood-borne viruses

The regulations on the screening and admissions to medical schools of students with blood-borne viruses, and other regulations, are subject to change from time to time and you are advised to consult the relevant University college website for up-to-date information.

### Fees and payment

It is your responsibility to make sure your tuition fees and all other expenses relating to your programme are paid in a timely manner. The tuition fee will be stated in your offer pack. The fee quoted is revised each academic year. When you register online, you will be required to indicate how your fees will be paid. If you are paying the fee yourself, the University will require either full payment or an application to make payment using the University direct debit scheme.

As a member of the University you will be bound by the University's regulations on the payment of fees. Failure to make payment in accordance with the regulations will ultimately result in exclusion from the University.

The regulations are set out on the University's website at: [www.birmingham.ac.uk/students/payments](http://www.birmingham.ac.uk/students/payments)

If you are a sponsored student and your sponsor fails to pay your tuition fees, you will become responsible for payment.

Your offer letter will indicate whether you will be considered as home/EU or overseas for fees purposes. If you feel this classification to be incorrect it is your responsibility to contact the Admissions Office.

Unless stated otherwise, the programme and course fees do not include any charges for residential accommodation, examination resits, extensions to the designated period of study, travelling expenses, or other miscellaneous expenses which may be related to your programme of study. An exception to this is the PhD by Distance Learning in the College of Arts and Law, the fees for which do cover some expenses for travel. For further information visit: [www.birmingham.ac.uk/dl-phd](http://www.birmingham.ac.uk/dl-phd)

If you would like the University to be able to discuss your fee account with a third party, we will require you to complete a 'Disclosure to a Third Party' form in accordance with the Data Protection Act 1998. This form can be found at: [www.birmingham.ac.uk/students/payments](http://www.birmingham.ac.uk/students/payments)

### Scholarships

Information on sources of funding for postgraduate students can be found at: [www.birmingham.ac.uk/pgfunding](http://www.birmingham.ac.uk/pgfunding)

### Financial hardship

In addition to the scholarship schemes, the University is able to provide financial assistance to students who suffer financial hardship during their studies. In particular, the Access to Learning Fund can be used to make a means-tested, non-repayable grant to part-time or full-time undergraduate or postgraduate students who have been resident in the UK throughout the three years prior to the start of their course. Further details of this and other awards are available from the Student Funding Office on +44 (0)121 414 7391 or via: [www.gov.uk/browse/education/student-finance](http://www.gov.uk/browse/education/student-finance)

### Registration and University membership: information and requirements

#### General guidance and regulations

All members of the University (which includes registered students) are required to comply with the following:

- Health and safety guidance
- Code of practice on use of computing facilities
- Equality scheme
- Discrimination and harassment guidance
- Data protection policy
- Public interest disclosure policy
- Rules on car parking on University premises



### Data protection and disclosure of personal information

The application procedure, registration and your academic progress will provide the University with a range of information about you. It will use this to support you on your programme and for the administration and management of the University, including statistical analysis. Some information may be disclosed outside the University, either at your request or in your interest.

The information is collected from a number of sources including your application, registration forms and references, and from carrying out Disclosure Barring Service (DBS) (formerly known as Criminal Records Bureau (CRB)) or health checks (if necessary). We may disclose information relating to your academic progress to your sponsor (if you have one). Medical information disclosed to the University's Medical Officer or the Student Support and Counselling Service will be treated as confidential and disclosed only in accordance with their normal procedures. Information arising from DBS checks will be used only in accordance with the DBS's code of practice (see: [www.homeoffice.gov.uk/agencies-public-bodies/dbs](http://www.homeoffice.gov.uk/agencies-public-bodies/dbs)).

We will also ask for emergency contact details and by providing them, you confirm that these individuals have consented to the processing of their personal data by the University. All information will be kept for a reasonable period in accordance with legal requirements and for administration purposes.

Further information can be found at:

[www.birmingham.ac.uk/university/governance/policies-regs/data-protection.aspx](http://www.birmingham.ac.uk/university/governance/policies-regs/data-protection.aspx)

### Programmes, courses and modules

The University will make all reasonable efforts to deliver your programme as described in the University's offer letter. However, the University may have to vary the method of delivery of your programme, and in some cases the syllabus may be altered or updated, or your supervisor changed. When an agreed supervisor becomes unavailable, for example, through leaving the University's employment, the University will endeavour to find a suitable replacement or make alternative arrangements. In extreme circumstances the University may have to discontinue your programme or amalgamate modules. The modules described in this prospectus are provided as an illustration and may be subject to change. In the unlikely event that the University discontinues your programme or changes it significantly we will tell you at the earliest possible opportunity. Under such circumstances you may wish to withdraw your application; if you do so, the University will assist you in finding an alternative programme either at Birmingham or at another UK university.

### Deposits

We reserve the right to charge a deposit for some programmes. Full details will be included in our offer letter where appropriate.

### Conduct

Students are required to attend such lectures, tutorials, examinations and other activities as form part of their programme. This includes the requirement to submit theses, dissertations and coursework on time. Students must also be aware of and observe the University's discipline regulations and codes of conduct (which include the University's right to suspend or exclude a student in exceptional circumstances on disciplinary grounds), which can be seen at: [www.as.bham.ac.uk/legislation/codesofpractice.shtml](http://www.as.bham.ac.uk/legislation/codesofpractice.shtml)

You may also be subject to the University's regulations on Fitness to Practise, and, if so, additional information will be included with the offer letter.

### Diversity and equality

The University prides itself on being a diverse community within a diverse city. Our commitment to equality and diversity and the elimination of discrimination is embodied in the University's Charter and our aim is to ensure that the University remains an inclusive environment where equality of opportunity and tolerance for all are fostered and promoted.

### Termination

Subject to the completion of any internal appeals procedures, you may be asked to leave the University if:

- Your academic performance is not satisfactory
- Action is taken against you in accordance with the University's disciplinary or Fitness to Practise procedures

- You fail to pay your fees in accordance with the University's regulations on payment of fees
- You are expelled or dismissed from any other organisation which you are required to attend or be a member of as part of your programme
- In the reasonable opinion of the University, you have failed to provide the University with all relevant information, or have supplied false or misleading information, relating to your application for your programme
- As a result of your actions the University is unable to find a suitable placement which is required to complete your programme

Depending on the circumstances the University may also be entitled to take legal action against you (for example to recover an outstanding debt). Provided the action taken to terminate the agreement is in accordance with the University's procedures, the University will not be liable for any loss or damage which you may suffer as a result. Neither the student nor the University shall be liable to each other for any failure or delay in performing obligations, if the failure or delay is due to any cause beyond that party's reasonable control, for example fire, flood or industrial dispute.

### Intellectual property

You are subject to the University regulations regarding exploitable new inventions and intellectual property arising whilst you are a student of the University.

The regulations are available through the University's website  
[intranet.birmingham.ac.uk/as/registry/legislation/regulations.aspx](http://intranet.birmingham.ac.uk/as/registry/legislation/regulations.aspx)

Generally the procedure is the same for both students and members of staff. The University claims ownership of the intellectual property, and if it is exploited, it passes a substantial benefit from the net profits back to the student or staff member. However, if you have any questions or concerns regarding these provisions please discuss them with your supervisor or Head of School.

### Accommodation

If you apply to the University to reside in University accommodation this is dependent on you continuing to study at the University. There are separate terms and conditions which apply to your occupation of University accommodation and further details of these are available from Housing Services at:

[www.birmingham.ac.uk/accommodation](http://www.birmingham.ac.uk/accommodation)

### Religious observance

Whilst the University promotes an egalitarian learning community, applicants and students should be aware that:

- In an intensive course we have to routinely schedule activities, including examinations, on Fridays and Saturdays. Where this may conflict with the observance of religious days for some students, the University will endeavour to make alternative arrangements where reasonably possible. Therefore students are advised to inform the relevant school and/or the Examinations Office in writing of such issues as soon as possible.

- The General Medical Council and the British Dental Association stipulate that the wearing of gloves and/or burkas is not permitted in the clinical setting. Medical students are required to sign a code of practice in which they agree to show their faces at all times, and must be prepared to examine and touch patients of both sexes. See also: [www.birmingham.ac.uk/students/support](http://www.birmingham.ac.uk/students/support)

### General matters

The agreement is between the University and the student and only these two parties can enforce the agreement between them. The Contracts (Rights of Third Parties) Act 1999 shall not apply. The agreement between the student and the University is governed by English law. Further information can be found on our website: [www.birmingham.ac.uk](http://www.birmingham.ac.uk)

If you have any questions please contact the postgraduate admissions tutor for your school.

### Further information

This prospectus was published in September 2013 and refers to entry from September 2014 to July 2015. The University of Birmingham reserves the right, without notice, to withdraw programmes or raise fees at any time before or after an applicant's admission. If you have any complaints regarding the accuracy or fairness of this prospectus, they should be addressed to the Director of Communications and Marketing, who will investigate the matter and reply, in writing, within 21 days of receiving the letter.

# Programmes index

We would encourage you to visit our online prospectus which will provide a better indication of the breadth of research activity currently available at Birmingham and the large range of taught programmes, including continuing professional development and distance learning courses.

For a complete listing of all degrees and programmes, follow the links from:

[www.birmingham.ac.uk/students/courses/postgraduate](http://www.birmingham.ac.uk/students/courses/postgraduate)

- A**
- Accounting and Finance *PhD/ MPhil/MSc by Research* 225, 226
  - Advanced Manipulative Physiotherapy *MSc/PGDip* 174, 177
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  - Advanced Practice (Leadership and Management for Social Work) *MA/PGDip/PQ* 271, 272
  - Advancing Practice *MSc/PGDip/PGCert* 174, 177
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  - African Studies *MA/PGDip* 73, 74
  - African Studies *MRes/PhD/MA by Research* 73, 75
  - Aid Management (*pathway in Development Management MSc*) 256
  - Air Pollution Management and Control *MSc/PGDip* 117, 120, 164, 165
  - Air Power: History, Theory and Practice *MA* 84, 86
  - American and Canadian Studies *PhD/MA by Research/ Audio-Visual PhD* 56, 58
  - Ancient History *MRes* 79, 82
  - Antiquity *MA* 79, 80
  - Antiquity *MA (Byzantine Studies pathway)* 76, 77
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  - Archaeology *MA/PGDip/PGCert* 79, 82
  - Archaeology *MRes* 79, 83
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  - Atmospheric Sciences and Air Pollution *PhD with Integrated Study* 164, 166
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    - British Politics and the State (*pathway in Political Science MA/PGDip*) 262
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      - Cancer Sciences *MRes* 184, 187
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      - Civil Engineering *PhD/MPhil/MSc by Research* 126, 130
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      - Classics *MRes* 79, 83
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# Visit the University

A PROSPECTUS CAN ONLY TELL YOU SO MUCH. THE BEST WAY TO FIND OUT WHAT BIRMINGHAM CAN OFFER YOU AS A POSTGRADUATE STUDENT IS TO **COME AND SEE FOR YOURSELF.**

## Postgraduate Open Day

**Wednesday 27 November 2013**

Our Postgraduate Open Day is ideal for final-year students at all UK universities thinking about further study and also for recent and experienced graduates looking to add to their skills and qualifications. Attending the Open Day will give you the opportunity to:

- Learn more about our postgraduate programmes and research projects
- Get information on hundreds of scholarship and funding opportunities
- Meet with current students, course directors and admissions staff
- Visit the Careers Advice Lounge for one-to-one careers guidance
- Get expert advice through a programme of presentations, seminars and workshops
- Take campus tours

Register to attend now at:

[www.birmingham.ac.uk/pgopenday](http://www.birmingham.ac.uk/pgopenday)

## Other opportunities to visit

If you are unable to attend the Postgraduate Open Day, we can arrange a guided tour of the campus for you. Advance booking is essential – please contact Student Recruitment on +44 (0)121 414 7913; [postgraduate@contacts.bham.ac.uk](mailto:postgraduate@contacts.bham.ac.uk)

Alternatively, you can get a taste of Birmingham online by visiting our virtual tour at: [www.virtualltour.bham.ac.uk](http://www.virtualltour.bham.ac.uk)

## Study fairs

Representatives from the University also attend postgraduate study and careers fairs at various locations across the UK and overseas. These events offer an excellent opportunity for you to find out more about studying at Birmingham, discuss your options and have your questions answered by members of the Postgraduate Recruitment team, academic staff and current postgraduate students.

Some of the study fairs that we will be hosting are listed below. Please note that these dates may be subject to change. For the most up-to-date information about upcoming events (both on and off campus) please visit: [www.birmingham.ac.uk/pgevents](http://www.birmingham.ac.uk/pgevents)

## Postgraduate Study Roadshow Monday 4 November 2013

The Roadshow brings together members of the Russell Group, which includes the most prestigious of the UK higher education institutions. It offers you the opportunity to meet representatives from the Russell Group universities and to attend a series of presentations on postgraduate study in Britain's 'Ivy League'.

Roadshow events will be held at a number of Russell Group institutions between 4–8 November 2013, with the University of Birmingham hosting the first of these events.

To book a place at one of these events please visit:

[www.postgraduateroadshow.com](http://www.postgraduateroadshow.com)

*The Roadshow is supported by FindAUniversity.*

## Midlands Postgraduate Study Fair

**Wednesday 19 February 2014**

The University works with TARGETcourses to offer the Midlands Postgraduate Study Fair, enabling you to explore the wide range of taught and research options available in the UK. The Fair is an excellent forum for students to talk to representatives from over 60 institutions and offers an opportunity to attend a series of free seminars on various aspects of postgraduate study.

### Sustainability

Sustainability is not just about the environment. A strategy has to encompass 'people' and 'finance' elements as well. The University has grasped the opportunities offered by an institution-wide approach to sustainable development through our five-year Sustainability Strategy initiated in 2003.

We have already made significant savings on energy and water usage. A waste management contract for the disposal of general waste optimises our use of recycling. The University has acquired Fairtrade status; one of the first universities to do so and our postgraduate students are working on waste minimisation projects with businesses and others.

Our students help us to build the values and current best practice of sustainable development into all University systems, policies and practices.

Our commitment to sustainability extends to the materials we use for our publications. This prospectus is printed on paper manufactured from 100% recycled fibres (post-consumer waste). The selected waste is cleaned but is not re-bleached. The mill has an environmental management system in place and paper is produced in accordance with European environmental legislation.

### Note for applicants

This prospectus was published in September 2013 and refers to entry from September 2014 to July 2015. The University reserves the right, without notice, to withdraw programmes or raise fees at any time before or after an applicant's admission. If you have any complaints regarding the fairness or accuracy of this prospectus, they should be addressed to the Director of Communications and Marketing, who will investigate the matter and reply, in writing, within 21 days of receiving the letter. All internal web addresses have been checked and verified. For the most up-to-date information, visit: [www.birmingham.ac.uk](http://www.birmingham.ac.uk)

### Acknowledgements

Designed and produced by External Relations,  
University of Birmingham

Photography: David Green/Molyneux Associates  
Print: Belmont Press

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Many thanks to all the students, staff, alumni and friends of the University who have contributed to this publication.

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# UNIVERSITY OF BIRMINGHAM

Edgbaston, Birmingham,  
B15 2TT, United Kingdom  
[www.birmingham.ac.uk](http://www.birmingham.ac.uk)

