

UNIVERSITY OF
BIRMINGHAM



think
create
provoke

Change the world around you.

Undergraduate Prospectus
2010 admissions

Open days

25 and 26 June 2009
12 September 2009

See page 40 for details

student profiles

www.undergraduate.bham.ac.uk/profiles



BECOME A BIRMINGHAM VIP JOIN US ONLINE

Birmingham VIP is a regularly updated, personalised web page made available to all prospective undergraduate students featuring all the latest news about life at the University. For full details see page 157.

To join, visit www.vip.bham.ac.uk and complete the online registration form.

We look forward to welcoming you to Birmingham VIP!

WWW.BHAM.AC.UK



Contact points

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

Tel: +44 (0)121 415 8900

Email: admissions@bham.ac.uk

www.marketing.bham.ac.uk/admissions_recruitment

Student Recruitment Team

Tel: +44 (0)121 414 3374

Email: schools-liaison@bham.ac.uk

www.marketing.bham.ac.uk/recruitment

International Office

Tel: +44 (0)121 414 2894

Email: international@bham.ac.uk

www.international.bham.ac.uk

Contents

www.bham.ac.uk

The UCAS code for Birmingham is **B32**

A warm welcome 4

The learning experience

The Birmingham learning experience 8

The importance of research 10

A sustainable campus 11

Student experience

The Guild of Students 13

Sporting life 16

The city of Birmingham 20

Campus life 24

Living in student accommodation 26

Types of accommodation 28

International experience

A global university 32

A warm welcome to international students 33

Entry requirements for international students 36

The International Foundation Programme 38

Visit the University 40

Help and advice

How much will it cost? 44

Making ends meet 46

Scholarships and awards 48

A supportive community 50

Advice for parents and guardians 52

Careers and alumni

Shape your own future 56

Alumni profiles 60

Programmes explained

What type of programme suits you? 62

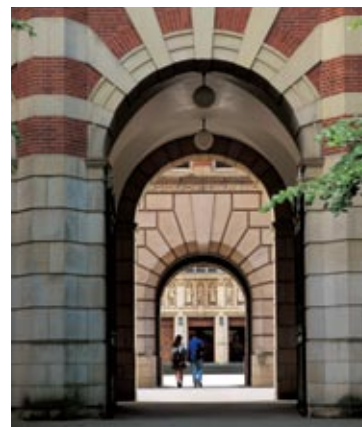
Joint Honours explained 63

How to find your programme 66

List of programmes 68



College of Arts and Law	70
College of Engineering and Physical Sciences	88
College of Life and Environmental Sciences	108
College of Medical and Dental Sciences	124
College of Social Sciences	140
Programmes in collaboration with other organisations	153



Next steps

How to apply 156

Entry requirements 158

Terms and conditions

Essential information for all applicants 161

Maps and directions

How to find us 165

The Edgbaston campus 168

The Selly Oak campus 170

The Vale 171

Index 172

A warm welcome

The University of Birmingham is a great university in a great city. Founded as England's first truly 'civic' university over a century ago, in a glorious campus close to the centre of England's second city, the University of Birmingham is now not only one of Britain's leading universities, but internationally acclaimed and globally recognised.

Choosing the right university isn't easy. I became Birmingham's Vice-Chancellor only recently, but seeing and experiencing the University made the prospect of joining it irresistible. I hope you experience the same sense of Birmingham being not just a university but *your* university. If you do, you, like me, will benefit from Birmingham's distinguished history, relish everything it has to offer to the modern student, and shape the future of this dynamic university.

Under my predecessor, Professor Michael Sterling, Birmingham's academic reputation was enhanced while establishing a financial strength that's rare amongst British universities. Therefore, despite the global economic downturn, we are building on what's been achieved to ensure that Birmingham is protected from the downturn and well placed to benefit from the economic recovery when it begins.

Birmingham's attraction lies in the fact that its heritage reaches back over 100 years, and it looks forward to the next century: to the impact that its research and teaching will have on lives, societies and industries in the future. To achieve this, the University has exciting plans to invest in the staff, the campus and the facilities that support our academic community, which includes our students and alumni.



At Birmingham your education will be informed by academic researchers who are global experts and whose work tackles some of the contemporary challenges of the 21st Century. I am delighted that the results of the national Research Assessment Exercise 2008 confirmed that Birmingham is the West Midlands' top university and 12th in the UK*, leading the way across a broader range of disciplines than most UK universities.

I relish playing my part in positioning Birmingham amongst the world's leading universities and hope that this prospectus captures some of both our prestige and potential. I hope that you will join me, and be part of Birmingham's future.

A handwritten signature in black ink, appearing to read 'D. Eastwood', written in a cursive style.

Professor David Eastwood
Vice-Chancellor



A large, light blue, stylized letter 'U' that is partially cut off on the left side of the frame. It has a thick, rounded font style.

Birmingham has always welcomed people who are driven by curiosity. For over 100 years we have nurtured new ideas, changed lives, society, industry and politics. What difference could you make? What ideas will you formulate that could change the future?

Think. Create. Provoke.

I became an academic,
because I wanted to be
the first to know.

Andy Schofield, Professor of Theoretical Physics

B

The Birmingham learning experience

Welcome to the University of Birmingham. Making friends and enjoying your independence is a major part of your university life. But the most important reason for choosing Birmingham, is the unique learning experience.

The Birmingham approach to learning

We advocate an enquiry-based approach to learning, which means that we encourage you to become an independent and self-motivated learner. We'll teach you to communicate well, understand and solve complex problems, take the initiative, and work effectively alone or as part of a team. These are the qualities that employers value in today's university graduates and will set you apart in your future career.

We provide you with a learning experience that deepens your knowledge of your subject and equips you with a range of skills that will prepare you for the world of work.

The Birmingham approach to teaching

We use a range of teaching methods across our different academic disciplines. Lectures provide food for thought and are an opportunity to listen to academic staff sharing their knowledge and discoveries with you. You are expected to build on this, carry out further reading around the subject and use your analytical skills to critically examine the information offered. Seminars offer the opportunity for you to discuss your ideas in smaller groups and debate other students' opinions. Tutorials are carried out on a one-to-one basis so you can discuss your written work in person with your tutor.

Our lecturers and tutors will ensure you have all the resources you need to make the transition from A levels to the more rigorous demands of a degree.

Modules outside the main discipline (MOMD)

Many of our degree programmes allow you to study one module from a discipline outside your area of specialism for at least one year of your programme. MOMDs are attractive to both students and employers; they can bring greater breadth to your academic CV and give you the opportunity to learn new skills.





New ways of learning

We are a world leader in our use of new technologies designed to help you personalise your learning experience. The University has a wireless network, giving you access to the campus IT system from lecture theatres, libraries, computer clusters and social spaces.

We are committed to e-learning and have developed an institutional virtual learning environment (iVLE) to give you greater flexibility in the way you study. At the heart of the iVLE is WebCT, which gives you access to a wide range of programme materials including text, graphics, audio and video. There is also an online forum for you to exchange ideas and information with your fellow students.

In addition, through WebCT, tutors can provide feedback for students and create assignments and self-tests for a particular programme. You can add your own notes to programme material and monitor your progress and grades. These new technologies are currently being rolled out across the University and are proving to be a valuable learning tool.

Investment in your future

The University currently spends around £1 million each week on developing the campus. We have an ongoing commitment to invest in projects that enhance your learning experience and quality of life at Birmingham.

Recent major projects include a student facilities complex in our Medical School and a complete redevelopment of one of our halls of residence, Mason Hall. Our flagship project, however, is the substantial refurbishment of learning facilities at Muirhead Tower in the heart of the campus, which will provide students with access to state-of-the-art equipment and contemporary social and learning spaces.

The importance of research

Birmingham is a research-led university, which means that, in addition to our teaching commitment to our students, our academic staff are engaged in a wide range of research projects that could change lives and society in the future.

The recent results of the Research Assessment Exercise 2008 confirmed that the University's research has global reach; 89 per cent of the University's research activity was ranked as 'world-leading' or 'internationally excellent'.

The Research Fortnight's University Power Ranking*, based on quality and quantity of research activity, puts the University of Birmingham as the West Midlands top university and 12th in the UK, leading the way across a broad range of disciplines including Music, Primary Care, Cancer Studies, Psychology and

Sport and Exercise Sciences. The University's major research themes include sustainable environment, energy and resources, transport technology and genes, cells and organisms. The knowledge generated by this activity enhances your learning and our teaching.

*Research Fortnight's Power Index scores the Unit of Assessment (UoA) submission with the largest Market Share as 1.0. All other submissions are then expressed as a proportion of the largest Market Share. If the largest Market Share is 2.50%, then a UoA submission with a Market Share of 2.00% would have a Power Index of $2.0\%/2.5\% = 0.8$

originalthinking

More than a century of original thinking

Our partnerships with industry, government and the public sector ensure that our research contributes to developments on a regional, national and international level.

1891 Professor Poynting, Professor of Physics at the University, calculated the weight of the Earth

1940 University of Birmingham scientists invented a device to produce microwaves, which led to the development of radar and the microwave oven

2001 Professor Chris Barratt, Professor of Reproduction Medicine, developed the first male home fertility test

2004 Birmingham developed micro engines which carry 300 times more energy than batteries, but are a fraction of the size

2008 One of the University's key research themes is generating, using and storing hydrogen – a fuel for the future: in 2008, University scientists utilised this cleaner fuel with breakthroughs in powering buildings and transport

2009 Birmingham researchers are using a genetically modified version of the common cold virus to kill cancer cells

2009 The University's prominence in energy research is recognised through its co-hosting of the national energy technologies Institute

A sustainable campus

The University recognises its leading role in contributing to sustainability. We can make a difference through our teaching, research and campus activities. Through collaboration with the Carbon Trust, we plan to reduce carbon dioxide emissions by 10% over the next five years.

Response to climate change – from research to Eco-Power Rangers!

An increasing amount of our research and teaching focuses on the impact of and solutions to climate change. For example, we are part of a consortium with Nottingham and Loughborough universities hosting a national institute to develop cleaner energies. Jointly funded by government and industry, the Energy Technologies Institute brings together some of the world's biggest companies – bp, Caterpillar, EDF Energy, e.on UK, Rolls-Royce and Shell – to work alongside international researchers from the three universities. Together, we are tackling one of the most challenging issues of our time, the development of a sustainable and ecologically robust energy system. The government commitment and wider funding model provides the Institute with a potential budget of more than £1 billion over ten years.



Our students have been playing their part too. Along with six other universities, the 'Student Switch Off' campaign (pictured below) offered student halls of residence the chance to compete against each other to reduce their energy usage. Students were invited to become 'Eco-Power Rangers' and were awarded prizes including solar-powered iPod chargers and wind-up DAB radios. Their efforts have removed around 66 tonnes of carbon dioxide from the atmosphere and saved enough energy to power a 15W energy saving lightbulb for over 1,150 years!

Waste reduction and recycling

There are now paper, cardboard and glass recycling facilities in all of our student villages. One of our halls of residence linked up with the British Heart Foundation charity to re-use and recycle unwanted items discarded by resident students. These practices were extended by taking part in the 'zero waste in halls' project in 2007–2008. This project significantly reduces the waste generated when students move out of their residence. We also have an agreement with a local charity – Acorns Children's Hospice – which involves the provision of clothes/textile recycling banks in all the student villages.

Major progress has been made on campus too and we were one of the first universities to implement a pay-by-weight contract, reducing the amount of waste going to landfill year on year. Extra resource has been made available including the appointment of an 'on the ground' Waste Management Coordinator (Recycling), and purchase of the 'Green Machine' (see over) to deliver both the message and the recyclables.

In 2008 the University was awarded the 'Green Gown', a prestigious environmental award recognising our continuous improvement in recycling. In the financial year 2006–2007, we sent 46% of general waste to be recycled, including 170 tonnes of paper, 95 tonnes of cardboard, 63 tonnes of glass and 73 tonnes of IT waste.



Green Machines

Since April 2007, we have transported recyclables around the campus using our Green Machine. The electric vehicle is charged overnight by plugging into a standard 13 amp power socket and takes advantage of our combined heat and power station, which produces both electricity and heat from natural gas. The vehicle has a range of over 40 miles and does not need to be charged every evening, and there are no emissions during the use of the vehicle. Three more electric vehicles and a hybrid Toyota Prius have now been added to the University's fleet.

Hydrogen cars, boats and houses

A zero-emission, environmentally friendly car, powered by hydrogen, arrived on campus in November 2007 as part of a project to investigate how hydrogen-powered cars might replace diesel and petrol vehicles. The hydrogen car is part of a fleet of five cars, supported by an associated filling station, the first to be opened in the UK.

Additionally, engineers at the University have developed the world's first hydrogen-hybrid canal barge. The zero-emission boat is fully operational along the canal that runs through our campus, and is driven by a combination of magnet and fuel-cell technologies. The longer-term aim of the project is to develop a viable alternative energy source for inland waterways craft that is clean and ecologically friendly.



Our research team has also unveiled a hydrogen fuel cell powered house. The £2-million project investigates how the fuel cell unit powers the house's electricity, water and central heating, as a viable alternative to fossil fuels.

Fairtrade chocolate and organic ostrich burgers!

We have a global responsibility to improve the lives and working conditions of people in the developing world. Fairtrade promises farmers and producers a fair price for their crops so they can receive a steady income. The Ethical Trade Society was set up by our students with the aim of achieving Fairtrade status for the University – which it achieved in 2003, only the second university to be awarded the status. We have continued to promote Fairtrade issues to our students and staff, and Fairtrade foods are available for sale in all campus shops, cafés and restaurants. Our Fairtrade Steering Group meets regularly to discuss how we can increase Fairtrade awareness and sales.

At the end of 2007 Birmingham became the first university in the country to obtain a licence to hold a regular farmers' market. The market takes place on the fourth Wednesday of every month and provides an outlet for local producers (pictured above right). Although much of the produce on sale is organic, stall-holders price their goods with the student customer in mind. Particularly popular are the organic ostrich burgers and sausage sandwiches! Other stalls sell locally produced gifts including handmade crafts, jewellery and much more.

The Guild of Students

guildofstudents

The University's Guild of Students is the recognised students' union for all our students. Being a member means you have access to a wealth of benefits: support, entertainment, training and a range of social opportunities.

The Guild and you

Every student at Birmingham is automatically a member of the Guild. We bring students together on issues they care about to create positive change and achieve equality for and within our membership. Most importantly, your membership underpins the Guild's representation of the University's largest community – its students.

The most important thing to remember about the Guild is that any student at the University can bring about change. Guild officers take responsibility for representing student issues to the University, and to the world beyond. This means that if you have a problem, you want to change something or make it better, there will always be a team of over 28,000 students standing alongside you.

Guild Council and Officer Team

Every student is primarily represented by their Guild Councillors, who meet eight times a year to discuss the proposals by Guild members. The motions that are passed are then given to the Officer Team to action.



The Officer Team is voted in by students every year. The Team is made up of 18 officers; seven sabbatical officers who take a year out of their studies to work full-time at the Guild, and 11 part-time officers who fulfil their roles alongside their studies for a year.

Student groups and societies

The Guild supports more than 160 student groups and societies, reflecting every taste and interest – from rock music appreciation to hang gliding. You can also get involved in the Guild's radio station, BURN FM, or the student newspaper *Redbrick*. Whether you want to meet new people, continue a hobby or skill, learn something new, or just get involved in student life – there's a group for everyone.



Entertainment

Your social life is an important part of being a student at Birmingham and the Guild is the first place to look for entertainment. We understand that everyone has different tastes and you'll find a packed calendar of social events including weekly club nights in our many social venues, live music gigs, Freshers' balls, firework extravaganzas and travel adventures.

Part-time work

The Job Zone, our employment service available to all Guild members, offers access to hundreds of part-time and temporary vacancies, employment information and advice. For full information on how the Job Zone can help you, see page 47.

Advice and Representation Centre (ARC)

ARC is a professional, peer-led service offering advice and help on any issue, big or small. The ARC is able to advise on financial issues, housing problems, immigration questions, academic queries and sexual health, and has a wealth of information to help and support students.

Student volunteering

The Guild co-ordinates over 100 different volunteering opportunities: you could teach sports to local children, teach English in Cambodia, help to organise events, work for a charity in the local community, or work for a charity at a national level. There really is something to suit everyone's interests and availability.

Student Mentor Scheme

Student Mentors provide a friendly face to help students settle into University residences and deal with the challenges that University life can bring. Every student has a Mentor, who is there to provide welfare support to fellow students. Your Mentor will visit you every few weeks to see how you are getting on.

Learn more

The Guild of Students website: www.guildofstudents.com





'If you want a prestigious redbrick university with a high level of teaching and research that is situated in a great city with all the benefits of a campus, then the University of Birmingham is the place for you.'

Anna
Year 2, BA French Studies

Sporting life



Whether you are an accomplished athlete, a gym enthusiast or occasionally enjoy going for a swim, there is something for everyone at University of Birmingham Sport.

We offer a comprehensive programme of sporting opportunities for all levels of ability, supported by extensive indoor and outdoor facilities mainly located on the Edgbaston campus.

Sport plays a major role in life at Birmingham. It features as part of our academic portfolio with the School of Sport and Exercise Sciences home to some of the finest facilities in a brand new building. Degree programmes are available in Sport and Exercise Science, Mathematics and Sports Science, and Sports Science and Materials. Away from the lecture theatre, sport is a major component of University life too.

The Athletic Union

If you have a competitive streak you can sign up to one of more than 40 sports through the Athletic Union which has achieved a top three ranking in the British Universities and Colleges Sport (BUCS) competition over the last 17 years. In 2008, Birmingham teams were champions in cross country, golf and squash, with medals in hockey, fencing, athletics, rowing and badminton.

The Intra-leagues

If you like competition but you are not so keen on all the training, the intra-leagues offer you the opportunity to take part in term-time competitions in a range of team sports. Although the focus is on fun, there is still a keen competitive edge and it's a great way to meet new friends.

Active Lifestyle

To learn a new sport from scratch, try a course from our Active Lifestyle programme, where you can master the basics with a qualified coach. The programme also offers a wide range of dance and fitness classes, holistic programmes, yoga and studio cycling.

Alternatively, members can book a squash, tennis or badminton court, use the gym or take a dip in our 25-metre swimming pool at the Munrow Sports Centre on the main campus. If you are looking for something more adventurous, our Raymond Priestley outdoor activities centre in the Lake District offers you the chance to sample activities such as sailing, mountain biking, hill walking and mountaineering.

Factfile: sport

- Four Birmingham alumni competed at the Beijing Olympic games in 2008, including cyclist Paul Manning who won an Olympic gold
- The University offers a range of sports scholarships to support high-level student athletes from any academic department to reach their sporting potential while studying here
- The Munrow Sports Centre houses a Sports Science and Sports Medicine Unit which hosts an interdisciplinary support service for Athletic Union members and Scholars

Learn more

University of Birmingham Sport

www.sport.bham.ac.uk/about

Performance sport

www.sport.bham.ac.uk/sport

Active Lifestyle and Intra-Leagues

www.sport.bham.ac.uk/healthandfitness

Famous sporting alumni

www.sport.bham.ac.uk/alumni/famous.shtml

Sports scholarships

www.sport.bham.ac.uk/scholarships



Student profile: Sara Treacy

During her first year at the University of Birmingham, Sara Treacy (pictured above) represented Ireland at the European Cross Country, World Cross Country and World Junior Track and Field Championships. She also helped Birmingham to their third consecutive women's title at the British University Cross Country Championships.

As a University of Birmingham Sport Scholar, Sara also volunteers to represent the University at a variety of events in a promotional capacity, most specifically talking to prospective students about getting involved in sport at the University.

Now a second year medical student, Sara needs to overcome a number of obstacles in pursuing both her academic and sporting endeavours. Having recently won an international event representing Ireland, the intense workload coupled with the comprehensive training schedule necessary to compete at such high standards makes her achievements all the more impressive.

U



Our particle physics experiments at the CERN laboratory explore the inner reaches of the atom and recreate the condition of the very early universe. This is a wonderful opportunity for us to deepen our understanding and search for new phenomena from the beginning of time.

Professor Peter Watkins
Head of Particle Physics

Encourage inquiry.

B

The city of Birmingham

Birmingham has been transformed into a city for young professionals and is one of Europe's most exciting destinations. It is more than somewhere to study; it is somewhere to build a successful future.



The city has shaken off its industrial image to emerge as a confident, modern, commercial centre. Birmingham is now home to the largest financial services and creative sectors outside London. The thriving business community offers you a wealth of opportunities when you join the job market, and around 40% of Birmingham graduates choose to make their home here.

Around £9 billion has been invested in the city centre over the past 20 years. The landscape of the area has changed, and stylish apartments and offices have replaced factories and warehouses.

Shopping

One of the city's recent additions is The Mailbox, a unique development which brings together designer fashion and lifestyle shops, luxury apartments, hotels and an array of restaurants and café bars. Often referred to as Birmingham's answer to Bond Street, this exclusive new district features the largest collection of designer stores outside London. The Mailbox is also home to BBC Midlands television and radio.

Another famous development completed in the last few years is Bullring, one of Europe's largest city centre shopping centres. Bullring opened in 2003 and in its first year it recorded 36.5 million visitors, making it the most visited shopping centre outside the West End of London. There are more than 150 shops inside the iconic £530 million complex.

Birmingham also has four bustling indoor and outdoor markets selling everything from vintage clothes to fresh fruit and vegetables. The Jewellery Quarter is a unique industrial craft neighbourhood, offering fine jewellery products at the keenest prices.





Student profile: James Eder

James Eder graduated in 2005 with a Bachelor of Commerce degree. He chose to stay in Birmingham after graduation to set up his own business, studentbeans.com

'Having lived for three years in Birmingham as a student, there was so much of the city that appealed to me; it has a small community feel but with a wealth of available opportunities. A lot of friends also stayed in the area, making the adjustment from studying to working that much easier.

'Birmingham was a brilliant environment in which to set up studentbeans.com. As with setting up a business anywhere, there were challenges but being in a familiar, friendly environment really helped. From day one we were in close contact with the local business community, who really supported us, and shortly after graduating I became a member of the local Birmingham Chamber of Commerce.

'The transition from living in the city as a student to working here was easy. There's always something going on, whether at the theatre or cinema, an exhibition at the NEC, going out for a meal or just sitting out for drinks in The Mailbox. Since I started living in Birmingham there has been a huge amount of development that everyone has benefited from, including Bullring, which has become a national landmark.

'I really think I made the right choice and staying in Birmingham really made the move from studying to working much easier. You'd be hard pushed to find another city with so much to offer but with such a local feel. There is a lot of opportunity here and I'd definitely recommend the city to anyone looking for a great place to settle for university and beyond.'

Entertainment

There are more than 500 restaurants in Birmingham offering a vast range of international cuisine. After enjoying a meal with friends, you could go for a few drinks in a bar or watch some of the best comedians on the circuit at the Glee Club. If you prefer live music, Birmingham has a number of top venues for big name bands and local talent, including the Carling Academy and the National Indoor Arena. Birmingham is also home to one of Europe's finest concert halls, Symphony Hall, where the City of Birmingham Symphony Orchestra is based. Birmingham Hippodrome is home to Birmingham Royal Ballet, and the city centre has three other theatres and a number of cinemas, including Star City, featuring 30 screens with the latest Asian and mainstream films under one roof.

Sport

Birmingham is home to Premier League football and it was the first city to be awarded National City of Sport status. In recent years it has staged more sporting championships than any other UK city. The Warwickshire County Cricket ground, close to the University in Edgbaston, regularly hosts test matches and international tournaments. The city also boasts many golf courses, including The Belfry, which has hosted the Ryder Cup four times.

The surrounding area

If you want a break from city living, some of England's most beautiful countryside is within easy reach. 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 Museum are rich in historical interest. Canals and waterways thread their way through the region, offering a relaxing way to explore its natural landscapes.

There is something for everyone in Birmingham and you will get a warm welcome in one of the most culturally diverse cities in Britain.



Thinktank



Stratford-upon-Avon



Places to visit

Midlands Arts Centre (Mac)

Mac is the most visited arts centre in the Midlands. Situated in the green landscape of Cannon Hill Park, it attracts over 500,000 visitors each year, who enjoy theatre performances, music, comedy, literature and poetry events, courses, films and free exhibitions.

www.macarts.co.uk

Custard Factory

The former home of Bird's Custard has been transformed into a dynamic and bohemian community of around 500 artists and small creative enterprises. Studio workshops are complemented by cafes, antique shops, meeting rooms, dance studios, holistic therapy rooms, art galleries, and the stylish live music and club venue The Medicine Bar.

www.custardfactory.com

Thinktank

An outstanding museum devoted to science and discovery, Thinktank's exhibits and activities explore the impact of science and technology on society, with particular attention to the region's significant contribution to science.

www.thinktank.ac



Town Hall, Birmingham



Campus life

Studying in the shadow of striking architecture on a 250-acre leafy green site, you'll be inspired to get the most out of your time here.

Life at Birmingham offers you the best of both worlds – a peaceful yet thriving campus community on the doorstep of one of Europe's most dynamic cities. The campus provides a safe, friendly environment with all the amenities of a small town – with the added benefit of a full-time security team. You'll find bars, shops, a hair salon, concert hall, art gallery and two major banks on campus. We are also the only university in the UK to have its own railway station, just two stops from Birmingham New Street.

Get cultured

You will not find many universities with such a wealth of culture on campus. We have a world-renowned art gallery, geology museum and a beautiful botanical garden.

The [Barber Institute of Fine Arts](#) has a collection which provides a stunning overview of western European art since the 13th century with work by artists including Degas, Monet, Manet and Botticelli. Most recently the Barber hosted Jack Kerouac's iconic scroll of *On the road*, on display for the first time outside North America. The Institute also hosts a wealth of musical events in its concert hall, with regular visits from world-class performers, and occasional festivals.

Learn more

www.barber.org.uk

The [Lapworth Museum of Geology](#) within our Aston Webb Building is one of the oldest specialist geological museums in the UK, with over 250,000 specimens of rocks, fossils and minerals.

Learn more

www.lapworth.bham.ac.uk

[Winterbourne Botanic Garden](#) has dramatic seasonal displays of over 2,400 native and foreign plants. Set within the original Edwardian garden of borders, terraced lawns and woodland walks, it's a focus for garden history and plant conservation, hosting talks and events throughout the year. It's also a great place for a summer lunch break!

Learn more

www.botanic.bham.ac.uk

Make music

Another distinctive part of life at Birmingham is our range of musical activities. Our commitment to music began with Edward Elgar, our first Professor of Music. We continue to encourage promising musicians with a range of degree courses in Music, and through a number of music scholarships available to students studying other disciplines.

There are plenty of opportunities for making music as part of your leisure time: the University has two symphony orchestras, a number of choirs, a jazz orchestra, a symphonic wind band, and a brass band. A regular programme of public performances is staged both at the University and in the city (including choir and orchestra concerts in Symphony Hall), and there is a professional concert series at the Barber Institute.

Learn more

www.music.bham.ac.uk



The Barber Institute of Fine Arts



Winterbourne Botanic Garden



The Lapworth Museum of Geology



Living in student accommodation

Coming to university may be your first experience of living away from home. Our student accommodation allows you to enjoy your independence in secure and sociable surroundings, and keeps you at the heart of University life.

We offer safe and informal surroundings, and there are plenty of opportunities to socialise or find your own space when you need it.

Living away from home provides you with new and exciting challenges, such as organising your finances and paying your bills. Rest assured that we will help you make the adjustment, with student mentors at each site to help you settle in, alongside all the amenities you will need, such as launderettes, shops and cafes.

Our student villages have been created to provide a secure and comfortable environment, providing you with everything you need. All study bedrooms have a telephone which can be used to make free internal calls to friends across campus. The facility also allows incoming and external calls outside the campus (but these calls are chargeable). To give you flexibility in the way you study, all study bedrooms also have internet points.

Student security on and around campus is of paramount importance. All University accommodation is equipped with CCTV and our Security Centre is open 24-hours a day for anyone who needs help or assistance. In addition, a police office is stationed in the centre of campus and the University has its own community police officer.

The villages also have a great community spirit. Taking an active part in the social life of a hall is a great way to make friends and help you find your own place in university life. Wherever you choose to live, there are student committees which organise various social events, trips and sporting competitions to help you relax and make new friends. With more than 30 summer balls hosted each year, you will certainly have an opportunity to celebrate your first year at Birmingham.





Undergraduate Guarantee Scheme

We guarantee all first-year students a place in a hall of residence in the first year provided that you:

- Apply through UCAS and make Birmingham your firm choice of university
- Firmly accept the offer of a place from the University and ensure your application for accommodation is received by our Housing Services department by 31 May 2010 for UK/EU students and 31 July 2010 for international students
- Confirm you are coming to Birmingham by 1 September 2010
- Are coming to the University on your own
- Agree to spend your first year in University accommodation

Living at home

Another option for students who live locally is to stay in the family home and commute to University. This can be an attractive option financially and certainly doesn't mean your student experience should be any different from that of students living in halls of residence. You will still have access to all the same academic, social and sporting facilities. This flexibility means more and more students from the West Midlands are choosing to study at Birmingham.

The Freshers Off Campus Society (FocSoc), run by the Guild of Students, offers a tailor-made support service for students living at home in the local area. Like residence-based committees, it organises sports teams and social events such as cinema trips and club nights out. Visit the FocSoc website for more information at www.guildofstudents.com

Learn more

www.housing.bham.ac.uk

Tel: +44 (0)121 414 8000

Email: ugradaccom@bham.ac.uk

Types of accommodation

Birmingham offers a range of high quality residential accommodation. We want to make sure you find the type of accommodation which suits you, and there is plenty to choose from.

University accommodation

As part of our estate, the University manages three sites of accommodation, each offering a safe and friendly home from home.

The Vale Village

Most of our accommodation is located just 20 minutes walk from the main Edgbaston campus in landscaped parkland overlooking a lake. You can choose from single study-bedrooms with shared facilities, or have your own en-suite bathroom. If you prefer to cook for yourself, opt for a self-catered flat with a communal living room and kitchen. Alternatively, choose a Meal Plan room where your food is provided from Monday to Friday (term-time only) and the cost is included within the residence fees. The Vale's lively community life centres on the food court and social activities at the Hub. Other facilities include a launderette, shop and bars, and 24-hour reception. There is also a Vale Residents' Association which organises regular events.

Pritchatts Park Village

This student village is a short walk from the Edgbaston campus, and accommodates both postgraduate and undergraduate students. Here you can enjoy self-catered accommodation in single study-bedrooms in either shared houses or flats. At the heart of Pritchatts Park Village is a social centre with a bar, pool table and other facilities.

Jarratt Hall

Just south of the main campus, Jarratt Hall is close to the University and the large student community of Selly Oak, with its many bars, shops and restaurants. This development of three- to six-bedroom apartments with en-suite facilities is built around a pleasant central courtyard and accommodates both postgraduate and undergraduate students.

Third party accommodation*

The following accommodation schemes are all owned and managed by private developers and the University nominates the students who live there. All accommodation is approved by the University.

Hunter Court, Queen's Hospital Close, The Beeches

These sites each offer self-catering accommodation in flats with single study-bedrooms and a shared kitchen/lounge area. Hunter Court and Queen's Hospital Close have en-suite facilities and all three developments are within easy reach of the main campus and the city centre.

Victoria Hall

This site offers self-catered, en-suite accommodation and is ideally located just two minutes' walk from the campus.

***Note: the third party accommodation referred to here is accommodation that the University has used in the past. The University is developing its own estate further and the amount/type of third party accommodation used in the future may alter accordingly.**

Second- and third-year accommodation

Although there are a few places in University accommodation for second and third year undergraduates, most students prefer the independence of renting a flat or house. There is plenty of choice within easy reach of the University, and our Housing Services team can help you find the right place for you.



Pritchatts Park Village



Jarratt Hall



Elgar Court



Hunter Court

What will it cost?

University accommodation fees for 2009–10 ranged from £3,295 to £11,195 depending on the type of accommodation and the length of the contract. Visit www.housing.bham.ac.uk for the most up-to-date information.

Open days

The University runs a number of open days, visits and tours during which you can view student accommodation. In addition there is a special Accommodation Viewing Day on a Saturday in late April of each year (see www.housing.bham.ac.uk for further details). Visit us if possible before making your choice. Our team is also happy to answer queries by phone or email.

Learn more

Tel: +44 (0)121 414 8000

Email: ugradaccom@bham.ac.uk

www.housing.bham.ac.uk

U

New efficient clean vehicles are urgently needed; at Birmingham we are developing novel systems to achieve this goal.

*Professor Kevin Kendall
Director of the Birmingham Fuel Cells Group*

Challenge convention.

Long suffering global climate desperately seeks a nice clean running vehicle for travelling, commuting and maybe more... I'm bubbly, energetic, and have a lot to offer. I love the outdoors and fresh air, enjoy long/short drives, days in/out, motorways, streets, dual carriage-ways, drive ways. Call me... 07779 77977977

B

A global university

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 have a range of initiatives designed to ensure that Birmingham graduates are equipped to be successful and resilient in the fast-changing international employment market.

We actively encourage exchange programmes and currently have over 200 partner universities across the world. We have an extensive Erasmus exchange programme allowing our students to spend a year at one of our 150 partner institutions within Europe, while at the same time allowing European students to spend a semester or an academic year at Birmingham. We also have active Study Abroad, Universitas 21 and International Exchange programmes facilitating the exchange of students with some of the most prestigious universities worldwide in countries such as America, Canada, China, New Zealand, Singapore and South Korea. This exchange further diversifies the student body providing cultural insights and experience both at home and overseas.

Opportunities to study abroad

Many Birmingham degrees already include the option of a year studying abroad at one of our 200 partner institutions in 35 countries.

Many of our partner institutions are either in English-speaking countries or teach in English, so your choice is not limited by your knowledge of another language. Studying abroad is an opportunity to immerse yourself in another culture and build worldwide relationships that can last a lifetime. Your time at a partner institution will provide an insight into a different academic environment and culture, which will enhance your wider educational experience.

Experience overseas will also improve your career prospects, as you will develop skills that will benefit you in the workplace, such as problem solving and communication skills, determination and self-motivation, and analytical and study techniques. Meeting

the challenges of studying abroad will also increase your confidence and ability to deal with challenging situations and unfamiliar surroundings.

A global vision

We have developed an international plan to ensure that our global perspective informs teaching, research and business partnerships at Birmingham. We are encouraging more of our staff to work overseas so that their experiences can enrich the learning experience of our students when they return. We have also developed international modules in the Personal Skills Award (see Careers page 58) to help students understand the global marketplace. Moreover, we continue to extend our research, business and learning networks through partnerships with universities worldwide.

Learn more

www.erasmus.ac.uk

www.universitas21.com

www.international.bham.ac.uk/studyabr.htm

Factfile: Global community

- In 2008, the *Times Higher Education Supplement* ranked Birmingham at 75 in its league table of the world's best 200 universities (12th in the UK)
- In 2008, the Economist Intelligence Unit included Birmingham in its global list of the top 100 institutions of excellence that offer MBA degrees
- Birmingham was one of the first universities in Europe to be awarded the prestigious Jean Monnet European Centre of Excellence title in 1998. This was re-awarded in 2006
- The University has one of the largest populations of international students at any UK university: we currently host around 4,500 international students

A warm welcome to international students

We have more than 100 years experience of welcoming international students to Birmingham. We fully understand the needs of those coming to study in the UK, often for the first time.



If you are an international student considering coming to study at Birmingham, then the following pages are tailored to provide you with the specific information you need to consider when making your application. We are here to make your move as smooth as possible.

Our location

Our location is ideal for international students wishing to study in the UK. Birmingham has an international airport, 30 minutes from the University by train or car, with direct flights to many worldwide destinations. Once you are here, you'll want to visit the UK's top attractions and the city's central location makes it easy to get to many parts of the country, including Scotland, the Lake District and Wales, as well as London, Stratford-upon-Avon and Oxford.

Where will you live?

If you are offered a place at Birmingham, you will receive an offer pack from us which includes information on all the accommodation the University has to offer. All international students who firmly accept an offer to study at Birmingham and apply via the on-line accommodation application form by the stated deadline are guaranteed accommodation that is administered either by the University directly or by an approved third party supplier.

This guarantee is subject to the following conditions:

- You must have firmly accepted the offer of a place at Birmingham
- Your application for accommodation must be received by our Housing Services office by 31 May 2010 (EU students) or 31 July 2010 (non-EU students)
- You must be living in University accommodation as a single person; that is, not accompanied by your family or anyone else
- You agree to remain in your University accommodation for the whole of your first year

We have a wide range of accommodation on or near campus, all furnished and centrally heated. You can choose to live in halls of residence where meals are provided, or in self-catered flats where small groups of students live together and cook for themselves. We also have a limited number of flats and houses available for couples and students with families.

We cater for all dietary requirements and, if requested, we will try to provide single-sex accommodation if possible. There is also a wide range of privately rented accommodation close to the campus.

See pages 28–29 for more information on the types of accommodation we offer.

Preparing to travel to the UK

Once you have accepted an offer of a place at the University, you should make travel arrangements as far in advance as possible. Here are some important points to remember:

- Make sure you have applied for entry clearance if required. Visit www.as.bham.ac.uk/international/pointsbasedsystem or www.ukvisas.gov.uk for information on visa requirements. You can also check with your nearest British Embassy, High Commission or other diplomatic post
- In order to gain entry clearance to the UK, you will need to prove that you have been accepted on to a full-time course and have enough funds to pay tuition fees and to support yourself and any dependants during your stay in the UK
- Make sure all your documentation is in order and your flights are booked

We arrange pre-departure briefings in a number of countries. These give you valuable information about travel to Birmingham, accommodation and what to bring with you. Find out when we are visiting your country by visiting www.international.bham.ac.uk/where.htm



If you wish to bring your family to Birmingham to live with you, you can download our Bringing your Family to the UK brochure for full information on obtaining visas, budgeting and accommodation for a family. Get your copy from www.as.bham.ac.uk/international

When you arrive

To help you settle in at the start of your first term, we arrange airport collections from two of the key UK airports (London Heathrow and Birmingham International) and provide a 'Welcome Team' of student helpers to help you to move into your accommodation. You can then take part in our special induction programme, as part of the 'International Welcome'. This is a special induction programme designed to guide you through your initial administrative tasks such as registering with the University and the police, and applying for a bank account. The programme also includes a range of social activities to help you meet new students from all over the world and get to know the campus and the city.

Support when you are here

There is a strong support network available throughout your student life at Birmingham. The International Student Advisory Service (ISAS) provides advice on issues including immigration, finances, employment, access to health care, schools and nurseries. ISAS also manages the Home Office Batch Scheme, a system in which our advisers will check and post your applications for student visa extensions to the Home Office. The advisers will also keep you briefed on personal development issues such as how you can work in the UK during and after your studies. In addition, the International Students' Employability Co-ordinator can help you access skills training for interviews and working in the UK.

An International Students Officer, elected by other students, works at all levels to represent your interests. There are free classes in speaking, listening, reading and writing skills run by the English for International Students Unit (EISU). Academic Support is offered by personal and welfare tutors and students can also speak to an International Student Advisor.

Social life

Many students enjoy the opportunity to experience life with a British family through the national HOST scheme

(www.hostuk.org.uk). In addition, The English for International Students Unit (EISU) run regular day trips to places of interest around the country and our international student societies organise a variety of cultural, sporting and social events.

Supporting your faith

We have a multi-faith chaplaincy that provides a unique, supportive space where students of all faiths can meet for prayer and other activities. Our chaplains represent a wide range of world religions.

Birmingham Study Abroad programme

Birmingham welcomes undergraduates who wish to spend time – typically a semester or full academic year – studying outside their home country. Many students transfer the credits gained at Birmingham towards their home country degrees, but the programme can be undertaken separately.

For non-native speakers of English, the Study Abroad programme is a great opportunity to combine an academic component with high-quality English language tuition.

Working in Birmingham

You can take a part-time job while you are studying at Birmingham to provide some additional income. A job could also be a good opportunity to become more involved in the life of the University or the city. Our Careers Centre and Job Zone in the Guild of Students offer expert advice and a wide range of positions that meet the limits on the number of hours international students are legally allowed to work (currently 20 hours per week during term-time).

'Besides academic work, I also have a lot of new international and British friends. They have helped me a lot in my private life as well as with my academic work. From them, I have the chance to learn new cultures, get to interact with different individuals and become more friendly and flexible.'

Tran

Year 2, BA International Relations



Keep in touch

The International Relations website (see below) is updated with the latest news and information for overseas students. We regularly travel overseas to attend exhibitions, visit partner universities and give pre-departure briefings. Please check our website to find out if we will be visiting your country soon.

Learn more

International Relations at the University

www.international.bham.ac.uk

International student welfare and immigration advice

www.as.bham.ac.uk/study/support/international

Faith at the University www.bham.ac.uk/chaplaincy

HOST scheme www.hostuk.org.uk

UKCISA: The Council for International Student Affairs

www.ukcisa.org.uk

UK visa information www.ukvisas.gov.uk

Housing Services www.housing.bham.ac.uk

Working in Birmingham

www.careers.bham.ac.uk

www.bugs.bham.ac.uk/support/jobzone

Birmingham Study Abroad programme

www.international.bham.ac.uk/studyabr.htm



Entry requirements for international students

We welcome undergraduate applications from all candidates offering A level or equivalent overseas qualifications (including the International Baccalaureate Diploma or a recognised Foundation Programme).

If you are unsure if your qualifications are suitable, please contact the International Relations Office (tel: +44 (0)121 414 2894 or email: international@bham.ac.uk). Further information can also be found about qualifications from your country or region at www.international.bham.ac.uk/countryinfo

English language requirements

In order to benefit from your studies, you need to demonstrate that you have a good level of written and spoken English before taking up a place here.

For students offering IELTS or TOEFL qualifications, the minimum English language requirements are shown in Table 1. Alternative English language qualifications that fulfil these requirements can be seen in Table 2.

Some degree programmes have slightly higher requirements than those stated here. When this is so, we will inform you. If you have been instructed and assessed in English language at a recognised institution, you may be exempt from these requirements.

English language courses

Our English for International Students Unit (EISU) runs English language courses before the start of the academic year for candidates who do not have the required level of English to join a degree course directly, or who wish to improve their English language and academic skills before the start of their course.

Special requirements

Some courses, especially those in the medical or health sciences or where there is contact with vulnerable adults and children, require a full Criminal Records Bureau disclosure and the requirement to sign a Code of Professional Conduct and Fitness to Practise. This will be indicated in the course entry.

Courses in the health sciences may require immunisation for a range of antigens (for example Hepatitis B) and a satisfactory health declaration as a condition of entry.

Learn more

For advice on entry requirements or English language requirements for specific courses, contact the Admissions Tutor listed in the programme entry or visit the relevant department's website.

For general advice, email: admissions@bham.ac.uk or telephone: +44 (0)121 415 8900.

For further information about English language courses visit
Tel: +44 (0)121 414 5697
Email: p.g.horton@bham.ac.uk
www.eisu.bham.ac.uk

Note: This prospectus is prepared approximately a year before applications are received. For the latest information on entry requirements visit www.ucas.ac.uk or www.bham.ac.uk



Table 1. English language requirements: IELTS/TOEFL

School/department	IELTS	TOEFL (old)*	TOEFL IBT**
Engineering and Science	6.0 with no less than 5.5 in any band	550* plus TWE 4.0	80 overall with no less than 17 in any band
Arts, Business, Education, Medical Sciences, Psychology, Social Sciences	6.5 with no less than 6.0 in any band	580* plus TWE 4.0	93 overall with no less than 20 in any band
Law, Health Sciences, Physiotherapy	7.0 with no less than 6.5 in any band	600* plus TWE 4.0	100 overall with no less than 23 in any band
Medicine, Dentistry	7.0 with no less than 7.0 in any band	600* plus TWE 4.0	100 overall with no less than 25 in any band

*Paper-based test **Internet-based test

Table 2. English language minimum requirements: alternative qualifications

GCE O level English Language	Grade C	UCLES University Certificate in Advanced English	Grade A
GCSE English Language	Grade C	Warwick University English Language Test	ABB–CCC
GCSE English	Grade C	Hong Kong Certificate in Education;	
IGCSE English as a First Language	Grade C	Hong Kong Use of English AS level	C
IGCSE English as a Second Language	Grade C	HEFP (Warwick)	Credit (55%+)
IB English Language (First or Second Language HL/SL)	5 points	Malaysian SPM 1119 (Cambridge O level)	C
Cambridge Certificate of Proficiency in English	Grade C	India Standard XII (ICSE/CBSE/West Bengal)	75%+
		Other Indian state examination boards	80%



The International Foundation Programme (IFP)

If you are from outside the UK and want to study an undergraduate programme at a top UK university, the International Foundation Programme (IFP) gives you the English language, academic skills and stimulating subject knowledge that you need.

The IFP is a specially designed one year foundation programme for international students who wish to study programmes in business, law, arts and social sciences at Birmingham or other top UK universities. If you have completed your high school education with very good grades but do not have A levels or the International Baccalaureate Diploma, the IFP guarantees direct entry to a whole range of undergraduate programmes, providing you successfully complete the course.

Study with us

The programme is taught by the University's prestigious English for International Students Unit (EISU). Our long history of research and high quality teaching means that we are experts in international foundation programme delivery. Our programme has been designed to provide you with the key language, academic skills and subject-specific concepts for success at undergraduate level. Our classes are small, so you will have excellent opportunities to develop your skills. With an exciting programme of study trips and visits you can apply practical experience to classroom theory, so you can really understand and appreciate British culture and society.

On campus

When you enrol on the IFP you become a full student of the University with access to the same first-class facilities as other undergraduate students. Unlike other universities, we do not use an external provider for our courses. Classes take place in Westmere, a hub of international student life situated in the heart of the University's green and leafy campus. University accommodation is guaranteed for all international IPF students but you must apply by the deadline.

How to apply

For 2010 entry IFP students apply directly to the University, not through UCAS. If you meet the application criteria you will be given an unconditional offer for the programme and a conditional offer for your chosen undergraduate programme. Please visit www.eisu.bham.ac.uk/courses/intfoundation for more details.

Entry requirements

1. You must have IELTS 5.5 with a minimum score of 5.0 in every band or TOEFL IBT 72. Students wishing to progress to a Law degree need to have obtained IELTS 6.0 or TOEFL IBT 80 or equivalent.
2. You must have obtained above-average high school grades in your school leaving examinations. See www.international.bham.ac.uk/countryinfo for specific country qualifications for Foundation students.
3. If you need to improve your English before entering the IFP you can attend a full-time English and Academic Skills course for one, two or three terms at the University. Further information is available from www.eisu.bham.ac.uk or contact Gail Horton at p.g.horton@bham.ac.uk



Which degrees are open to me?

The IFP in Business, Law, Arts and Social Sciences provides entry to the degrees offered by the Schools listed below. If the programme you wish to study is not on this list, contact Gail Horton at p.g.horton@bham.ac.uk

- Birmingham Law School
- English, Drama and American & Canadian Studies
- History and Cultures
- Institute of Archaeology and Antiquity
- Languages, Cultures, Art History and Music
- Philosophy, Theology and Religion
- Birmingham Business School
- Education
- Government and Society
- Social Policy



Learn more

For all enquiries about the IFP programme

Tel: +44 (0)121 414 5697

Email: p.g.horton@bham.ac.uk



Visit the University

As many of our prospective students tell us, the only way to really appreciate what Birmingham has to offer, is to come and see it for yourself.

Reading and research can give you vital information. To get the real picture, you are welcome to come and visit us, talk to our current students, quiz your new lecturers, explore the campus and see where you might live.

Open days

25 and 26 June 2009

12 September 2009

These events offer a general introduction to the University and are ideal for individuals, families and school parties. They also offer you the perfect opportunity to hear first hand from our current undergraduates and teaching staff about living and learning at Birmingham, as well as giving you the chance to find out more about important issues such as student finance and personal security. We recommend that you register online for both of these events in advance because these events are usually exceptionally well attended. To register online, receive a copy of our Open Day programme and email updates visit www.opendays.bham.ac.uk/undergraduate

Accommodation viewing day

Each spring, usually in April, our Housing Services department hosts a special open day for prospective students and families, where you can view a range of student accommodation. For more information, email gradaccom@bham.ac.uk or visit www.housing.bham.ac.uk



'When I came to visit Birmingham, I spoke to lecturers about physics, but also about my interests outside the subject. I felt that it was a really friendly and comfortable environment that fitted my lifestyle.'

Amy
Year 3, MSci Physics



Campus tours

If you are interested in applying to Birmingham but cannot attend an open day, we organise guided tours on Tuesdays and Thursdays throughout the year. Advance booking is essential for these visits. You can book online at www.studyhere.bham.ac.uk/visits or telephone +44 (0)121 414 2242

For informal visits, the campus is open seven days a week – you'll find a map and directions on page 165 or download them at www.location.bham.ac.uk

Learn more

To find out more about our open days or campus tours simply complete and return the reply-paid postcards at the back of this prospectus or email the Student Recruitment and Outreach Office at schools-liaison@bham.ac.uk



U



With one in five eleven year olds now classed as obese, there is a genuine concern that our current generation of children will die before their parents. Our whole society needs to tackle childhood obesity now in order to prevent a generation of people developing obesity-related diseases.

Professor Tim Barrett
Professor of Paediatric Endocrinology

Challenge what you know.

A large, bold, white capital letter 'B' is positioned on the right side of the page. It is set against a solid beige background. The letter is simple and sans-serif in style.

How much will it cost?

Studying at university is one of the most significant investments you will ever make. Managing your finances is a key element in your university life.

Tuition fees

The tuition fee contributes to the cost of your tuition at the University including exams, assessment, access to learning facilities and membership of the Guild of Students. For UK students the government also makes a contribution to the overall cost of your tuition. The tuition fee does not cover membership of University societies.

At the time of going to print, undergraduate programme tuition fee levels at Birmingham for 2010–11 had not been confirmed. As a guide, the table below reflects the various yearly tuition fees set for 2009–10 entry.

Tuition fees (guide only)	
UK/EU students	£3,225
International students*	
Non laboratory-based courses	£9,880
Laboratory-based courses	£12,800
Clinical courses	£23,350

*Some courses do not fit these classifications. Confirmation of your course fee will be provided with your offer letter. Your first-year fee will remain constant with no inflationary increase (for normal duration of programme), except for IFP and clinical rates. Asylum seekers are required to pay tuition fees at the higher overseas rate. If you obtain refugee status after the start of your course, your fee status will change to UK/EU fee status, but it will NOT be backdated to the start of your course. Therefore, unless you have sufficient funds to finance your studies and pay tuition fees at the overseas rate, you are best advised to wait until your immigration status has been confirmed by the Home Office before commencing your course.

Paying your tuition fees

We recognise that our students have different requirements for paying their tuition fees. This is why we are committed to providing a range of payment options to suit everyone. These allow you either to pay your fee in full before or at registration, or to spread the cost over manageable instalments by direct debit.

Full payments

If you pay your tuition fees in full before 9 October 2009, you will receive a discount of 1.5%. If paying before this date, please ensure that you deduct the relevant discount from your payment: for example, if your fee is £3,225 please make a payment of £3,177.

Direct debit instalment plans

If you would like the flexibility to spread the cost of your fees, we operate two instalment plans which are collected by direct debit. For tuition fees of £4,000 and above, there is an administration fee of 3% which is non-refundable.

- Monthly plan: this option allows the fees to be paid over eight monthly instalments between October and May. Please note that in accordance with the Credit Consumer Act 1974, we are required to issue a Credit Agreement where we are collecting five or more instalments
- Termly plan: this plan collects the fees in three instalments in November, February and May

You may use any University of Birmingham grant or scholarship as part payment towards your tuition fee.

Whether you decide to pay in full or by instalments, further information on how to pay your fee, and details about administration costs and discounts are available at www.payments.bham.ac.uk

Living costs

The living costs of the average student vary across the UK, and it is less expensive to live in Birmingham than in London or the south east.

The table on the right is an illustration of how your living expenses might break down over a 42-week academic session.



Further advice on managing your money – including our top ten tips on living on a budget can be found at www.as.bham.ac.uk/study/support/finance/advice/budgeting.shtml

Guide to average living costs in Birmingham*		
	University accommodation (weekly) £	Room in privately rented shared house (weekly) £
Rent	110 (indicative)	70
Deposit	none	7 (refundable)
Gas/electricity	included in rent	7
Water rates	included in rent	2
Food/toiletries	35	35
Course costs	12	12
Insurance	included in rent	4
Clothes	15	15
Leisure	50	50
Travel	15	15
TV licence	3	3
Phone/miscellaneous	10	10
Data link	included in rent	2
Per week	£250	£232
Total (For a full 42-week academic session*)	£10,500	£9,744

* NB. These figures do not include your expenditure over the summer vacation (approx ten weeks). You will incur additional expenditure during this time that will include at least ten weeks rent if you have a 52-week contract in private rented accommodation. Although correct at the time of going to print (Mar 2009), the most up-to-date information on University accommodation costs are available at www.housing.bham.ac.uk



Making ends meet

Money is a major consideration when considering whether to continue your studies. Rest assured that, at Birmingham, there is always someone on hand to offer support and advice.

Loans and grants

Home/EU students can take advantage of financial support offered by the Student Loans Company (SLC), the public sector organisation that administers grants and loans to students in higher education and is wholly owned by the UK government. It also pays the University the tuition fee covered by your tuition fee loan. The loans that the Student Loans Company offer are not like those offered by high street banks (which aim to make a profit). They are provided by the government to assist students, and only attract an interest rate linked to inflation, so the amount you repay is the same, in real terms, as the amount you borrow. It is likely to be the cheapest form of borrowing you will ever get.

Learn more www.slc.co.uk

Loans

There are two kinds of student loan available; one to cover your tuition fee and the other to contribute towards your living costs.

Tuition fee loan

You can apply for a loan to meet all or part of your tuition fee. The money will be paid directly to the University on your behalf. (This loan is only applicable to EU students).

Maintenance loan

A maintenance loan can contribute towards your living costs. The amount that you can borrow will be determined by your household income and where you are intending to study.

If you have dependents, a disability or learning difficulty, extra financial support will be available.

Learn more www.direct.gov.uk/studentfinance

Loan repayment

For repayment purposes, the government will combine your tuition fee loan and maintenance loan. You do not start to repay your loans until you are earning more than £15,000 per year, when your repayments will be linked to your rate of pay. You will need to repay 9% of your income above £15,000 per year. For example, someone earning £20,000 per year will repay £8.65 per week. All students who graduate after July 2011 have the option of taking payment holidays (between one and five years) from their loan repayments.





Grants

If you have a lower household income you will be eligible for a non-repayable maintenance grant. The amount that you receive will be on a sliding scale related to your household income as determined by your relevant SLC agency. In 2009, if your household income was £25,000 or below, you would have been eligible for a grant of up to £2,906. If you had a household income between £25,001 and £50,020, you will be entitled to a partial grant. To determine your eligibility for grants visit www.direct.gov.uk/studentfinance

Household income

When you apply for your statutory financial support you will be asked to supply details about how much income you and your parents and/or your partner have earned in the previous financial year. Certain allowances and deductions are then made to calculate your 'household income' or 'residual income', which is used to decide how much financial help you need from the government.

Financial support for EU students

If you are a student from another European Union (EU) country you can apply for financial help towards your tuition fees by sending an application form to the Student Finance Services European Team. For more details, go to www.direct.gov.uk/studentfinance and follow the link to 'students from other EU countries'.

Access to Learning Fund (ALF)

The Access to Learning Fund is available to home undergraduate students who have taken up all statutory support available to them but are experiencing financial hardship. For more details, go to www.as.bham.ac.uk/study/support/finance/access

Earn while you learn

To secure enough money to enjoy higher education, and reduce their debt on graduation, a paid job is part of the

university experience for most students. But how do you enjoy the benefits of the extra income and still maintain the right balance between study, work and social life?

The Job Zone, run by our Guild of Students in partnership with the University Careers and Employment Centre, can help you achieve this. The service, based on campus and staffed by students, will help you to find a part-time or temporary job. Vacancies advertised are no more than 16 hours per week during term time.

The Job Zone offers work in bars, shops, restaurants, community care, IT, and translation work, as well as within the University itself. You will receive full employment rights and the experience you gain can help you to develop transferable skills that will be valuable in your future career.

One of the Job Zone's major benefits is that all jobs advertised are student-friendly, meaning that employers understand your academic commitments and ensure that your job works around your timetable and your studies. The Job Zone also provides information about employment issues, drop-in advice sessions about issues such as income tax, help with your CV and support from local job centre advisers.

Learn more

www.guildofstudents.com/jobzone
www.careers.bham.ac.uk

Get the latest advice

The information contained on these pages provides a basic introductory guide to what is available. For more detailed advice and support and up-to-the-minute information visit www.as.bham.ac.uk/study/prospective/funding

Scholarships and awards

At Birmingham we have a wide range of scholarships and other awards to attract and support students with potential. This page provides an introduction to the awards on offer. For full details visit www.as.bham.ac.uk/study/prospective/scholarships

The Birmingham Grant (for UK students only)

The Birmingham Grant offers additional support to all UK students from low-income backgrounds. You will automatically receive the grant if you:

- Are a new full-time undergraduate
- Are eligible to pay the full undergraduate tuition fees (see page 44)
- Are classed as a UK student
- Have applied for financial assessment through your relevant SLC agency
- Have successfully achieved a place at the University
- Have a household income below the threshold

You do not need to apply for the Birmingham Grant. If you qualify, you will be notified of your award in writing by the University.

The Birmingham Scholarship (for UK students only)

The Birmingham Scholarship recognises the achievement of students from lower-income backgrounds who perform extremely well in their A levels (or equivalent qualifications). The scholarship is available to students who meet the criteria for the award of a Birmingham Grant and, in addition, achieve a minimum of AAB at A level, more than 34 points in the IB, or DDD in BTEC. Other examinations may be considered. Please note that the award of a scholarship is not based on UCAS tariff points.

For more information about the Birmingham Grant and Birmingham Scholarship, visit www.as.bham.ac.uk/study/support/finance/ugstudents/grant.shtml

Excellence Scholarships

At Birmingham we are keen to attract the brightest and best students. The College of Engineering and Physical

Sciences will be offering ten Excellence Scholarships for new undergraduate students joining the University in September 2010. The scholarships will be for £5,000 per year and are available in the following subject areas:

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

Excellence Scholarships will be renewed for each year of undergraduate study, provided that the recipient is performing to first class degree level.

For more details visit www.excellence.bham.ac.uk

Subject-based scholarships

In addition to the Birmingham Grant and Scholarship, you can apply for a subject-based scholarship, offering around £1,000 per year. Scholarships are available in (but not limited to) the following subject areas:

- Chemistry
- Computer Science
- Engineering
- Law (for international students)
- Physics and Astronomy

For up-to-date information about subject-based scholarships and alternative grants and bursaries, visit www.as.bham.ac.uk/study/support/finance/ugstudents/alternative.shtml



Music scholarships

In recognition of the role that music plays within the University, we offer five scholarships each year. These scholarships provide 20 hours of instrumental/vocal tuition and access to the Department of Music's specialist facilities each year, for up to three years. The scholarships are open to candidates who have already achieved Grade 8 in instrumental or vocal studies and are applying to a discipline other than music.

Sports scholarships

Sport has always been an important part of life at Birmingham, in terms of both our world-leading School of Sport and Exercise Sciences and our successful University sports teams. In recognition of this, University of Birmingham Sport offers around 30 scholarships each year to international-level performers from any academic department and of any nationality. Scholarship support consists of facility membership (gym and swimming pool), strength and conditioning work, sport science and medical services (including physiotherapy), lifestyle workshops and help with sports-specific expenditure.



For more details of sports scholarships telephone +44 (0)121 414 7678 or see www.sport.bham.ac.uk/scholarships

Scholarships for international students

The University attracts students of the highest calibre and offers an additional range of scholarships to reward outstanding academic achievement. For the latest information on scholarships available to international students, visit www.international.bham.ac.uk/scholarships.htm



Please note: The University reserves the right to revise or cancel any of the commitments made with reference to fees and scholarships if there is a material change in legislation or government policy affecting the ability of the University to charge fees to undergraduate students or the terms on which the University may charge fees to undergraduate students.

A supportive community

Getting to grips with your degree programme and finding your feet in new surroundings can be a challenge. There may be times when you need a little help, and we have a strong advice and support network in place.



Student mentors

Our Guild of Students was the first in the country to introduce student mentors to help 'freshers' (first-year students) settle into their university accommodation. Every student in University residences has a trained student mentor who visits every week or two to offer support and useful welfare information. Mentors are also available on-call from 6.00pm–8.00am during term-time. Mentors can be undergraduate, postgraduate, international or home students, and are paid for the work they do.

Learn more

www.guildofstudents.com and follow the links to the mentor scheme.

Advice and Representation Centre

The Guild's Advice and Representation Centre (ARC) is a professional, peer-led service offering advice and help on any issues (including financial, academic, housing, personal and immigration) that you may face during your time at the University. Students can drop into the centre for a chat in a safe, relaxed environment. The ARC also has an online service via which professional advisors can respond to individual queries or concerns.

Learn more

www.guildofstudents.com/thearc

Support if you have a disability

If you have a disability, including mental health conditions or a specific learning difficulty, our Disability and Learning Support Services can help you get the maximum benefit from University life. We positively encourage you to tell us if you are disabled so that we can better support you.

Services include:

- A comprehensive, pre-admission support system, including individual Learning Support Agreements and ongoing assistance through the Disability and Learning Support Services
- Support for students with dyslexia, dyspraxia and other specific learning difficulties, including specialist individual tuition, effective learning workshops and liaison with departments and tutors
- Support for students with Mental Health conditions
- Loans of equipment including dictaphones, electronic notetakers and specially configured laptops
- Notetakers, readers and library/familiarisation helpers
- Extended library loans, a book-fetching service, limited braille facilities and assistive technology booths
- Information to assist you applying for the Disabled Student's Allowance

Please note that the main campus is very large and hilly in places. All new buildings are designed for easy access, but some older buildings vary in accessibility. In 2008, the University completed an accessibility audit of both its campuses, and a detailed mobility map is available for students and visitors (email: disability@bham.ac.uk). People with mobility impairments are particularly encouraged to visit before applying.

Learn more

Tel: +44 (0)121 414 5130

Email: disability@bham.ac.uk

www.as.bham.ac.uk/study/support/disability

Email: learning-support@contacts.bham.ac.uk

www.as.bham.ac.uk/study/support/learn



Medical and dental care

We strongly recommend that you register with a local doctor and dentist whilst you are studying here. The NHS website (www.nhs.uk) can help you find medical practices and dentists. Select either 'GP' or 'Dentist' using your accommodation post code or alternatively the University of Birmingham (B15 2TT).

Supporting your faith

Birmingham has its roots in a tradition of religious tolerance. The principle of people from all faiths and cultures learning with each other and from each other remains central to University life today.

St Francis Hall, the University chaplaincy, offers a place where students of all faiths, or those interested in world religions, can meet for worship, an informal chat in the Oasis Lounge, or to work in the library study room. Christian, Jewish, Muslim, Hindu and Buddhist chaplains are all based here. In addition, there are numerous student-led faith groups and societies hosted by the Guild.

Learn more

Tel: +44 (0)121 414 7000/1
www.bham.ac.uk/chaplaincy

Nursery facilities

For students with young children, the University provides two day nurseries offering a high standard of care and experience. Both are open five days a week for 51 weeks of the year, with opening times to fit around your academic life.

Learn more

www.nursery.bham.ac.uk

Counselling

A team of professional counsellors is on hand to help our students overcome emotional or psychological difficulties while they are at University, and learn how to deal with personal difficulties more effectively in their future lives. The service is free and confidential.

Learn more

Tel: +44 (0)121 414 5130
www.as.bham.ac.uk/study/support/counsell

Funding and finance advice

The Student Funding Office (SFO) manages both University and external funding for students, including government support schemes, bursaries, central scholarships, prizes and the Access to Learning Fund. The office also provides financial support and advice to applicants, parents and students.

Learn more

Tel: +44 (0)121 414 7391
 Email: financialsupport@bham.ac.uk
www.as.bham.ac.uk/study/support/finance

International Student Advisory Service (ISAS)

The ISAS team provide free, confidential advice and information to international students and their families. We can give you advice on immigration, employment, bringing dependants to the UK, possible sources of funding, academic and personal matters and a range of practical advice on living in the UK.

Learn more

Tel: +44 (0)121 414 8464
 Email: isas@contacts.bham.ac.uk
www.bham.ac.uk/study/support/international

Advice for parents and guardians

Going to university is a big step for any new student. If you are a parent or guardian, it can be a challenging experience for you too. At Birmingham we recognise your vital supporting role and welcome you as part of the University community.

The Parents' Programme

Naturally, you want your son or daughter to enjoy their independence. You will also want to ensure that the university they choose will provide a supportive, safe living environment as well as an excellent education in preparation for their chosen career.

Our Parents' Programme has been devised with this in mind, for parents and guardians of both prospective and current students. It includes:

- Dedicated parents' activities at open days, including talks on finance, accommodation and welfare
- A magazine exclusively for parents and guardians

Frequently asked questions

We have put together a number of frequently asked questions by parents and guardians. If you have any questions that are not covered here please call us on +44 (0)121 414 3344.

How safe is Birmingham?

Birmingham is comparable with most large cities or towns, but the University benefits from having an open, largely self-contained campus with 24-hour security, CCTV coverage and our own Community Police Officer. Our students have few problems if they take sensible precautions to protect their property and personal safety. Don't forget that residence fees include personal possessions insurance cover.

What do students write on their UCAS form to guarantee a place?

You can't guarantee success, but here are a few tips to pass on:

- State clearly why you want to study a subject, with direct reference to the course applied for, and how your personal skills are relevant to the subject
- Include details of work experience and courses that show evidence of motivation and commitment

- Remember you are applying for an academic course: over 50% of the statement should relate to the proposed course of study

Will my son/daughter find a job at the end of their course?

Around 96% of Birmingham graduates are either employed, engaged in further study or are travelling six months after leaving the University. Our graduates pursue excellent careers across all sectors.

See pages 56–59 for more details of the careers guidance we offer.

What if the accommodation is fully booked?

The Fresher's Guarantee Scheme ensures that first-year students who make Birmingham their firm choice and satisfy all the criteria are guaranteed a room. With so many rooms available we can, in most cases, find all first-year students accommodation. Help and advice is available through the Housing Services office.

See pages 26–29 for more details of our accommodation.

How easy is it to keep in touch?

We provide many opportunities for your son or daughter to keep in touch – there are numerous public telephones, both in the halls of residence and on campus. With 20,000 internet access points across the University, email is also easy.

Can the student loan be paid back in one go and does it attract interest?

Yes, it can be paid off either by instalment or as a lump sum, when the graduate starts work. Interest is paid on the loan at the rate of inflation.



Security Officer Peter Cuffe

How much money do students spend a week?

Obviously it depends on individual lifestyle choices, but as a rough figure we recommend allowing £250 a week for accommodation, travel, meals and social activities, based on a 42-week academic year.

See page 45 for more information on living costs.

Are there medical facilities on campus?

There are a number of doctors' practices that have students on their patient lists near to the University and its residences.

What happens if my son or daughter misses their A level grades?

When the results come out in August the University considers all results against offers made. Those students who have missed their offer should contact us to find out whether or not their place can be confirmed. Some will be accepted, others may be offered alternatives. Students who have achieved their offers do not need to call.

Is it a disadvantage for students to take a gap year?

Not at all, although it is worth checking with your admissions tutor as some courses may vary. Many students benefit immensely from a constructively-used gap year, but students should inform us at application stage if they are intending to defer entry.

Learn more

Email: parents@contacts.bham.ac.uk

www.parents.bham.ac.uk

To view our online video tips visit

www.studyhere.bham.ac.uk/videoaudio



U



The global economic crisis and its aftermath will be a traumatic time for many and will condition thinking and policy for years to come, with consequences that are impossible to predict. 2008 may well come to be regarded as a major turning point in the history of the world.

Professor John Fender
Professor of Macroeconomics

Think. Rethink.

B



Shape your own future

From the minute you begin your studies at Birmingham, our Careers and Employability Centre (CEC) will work alongside you so that you can acquire the skills and qualifications you need to create a successful future.

To get the most from your time at university and be able to create a successful career, you need to develop your skills and experiences as well as studying and researching your subject.

That is where CEC steps in. We have a significant range of careers guidance, skill development, work experience and enterprise services that are open to you from the moment you arrive. We will regularly remind you of their presence and availability and in line with Birmingham's enquiry-based learning approach, we will also encourage you to take personal responsibility for managing your own career path. Whatever you plan to do after you graduate, CEC staff can provide advice and support.

Helping you to achieve

We organise events and support services to help you refine your career options. Support is tailored to your chosen subject area and draws on our excellent range of resources. Among the services we offer are:

- Our electronic Personal Development Planner which helps you record your achievements in a structured way, so that you can monitor, build and reflect on your personal development. Understanding and reflecting upon your skills and knowledge development can help you to answer questions more effectively on employer application forms for placements or graduate jobs.
- Helping you learn how to present yourself on paper, online and in person to your best advantage. We can also help you understand how to make aptitude tests and interview techniques work for you.
- Providing opportunities to take part in workshop-style business games, sponsored and led by major graduate employers, to develop your communication, teamwork and leadership skills.





Contacts with employers

As a student at Birmingham you also benefit from the fact that we are amongst the most targeted universities by international graduate recruiters. These strong links with business and industry ensure that our graduates are in great demand globally and help you keep one step ahead of the competition in the job market.

For example, you can:

- Access over 1,600 graduate employers who advertise vacancies targeted at Birmingham students and graduates – our strong links with major employers mean we have a large bank of vacancies that are notified directly to us, as well as a database of local and national job opportunities
- Meet employers face-to-face at our packed programme of recruitment fairs, employer presentations, careers talks and workshops
- Take advantage of our professional advice on how to approach employers in areas of work where it is unusual for vacancies to be widely advertised

Personal Skills Award (PSA)

Over 270,000 students graduate per year. Have you thought about how you will compete in the job market? Employers are increasingly seeking to recruit graduates with a broad portfolio of skills. Their advice is that you will need to demonstrate that you have developed a wide range of personal skills, such as communication, teamwork and the ability to work under pressure. Our Personal Skills Award (PSA) will help you to achieve this breadth in your curriculum vitae.

The PSA programme develops your interpersonal and study skills. It is taught alongside your main degree course and gives you transferable skills that are essential in the workplace. The modules you take, such as Project Management Skills, Presentation Skills, and Leadership and Teamwork Skills, appear on your academic transcript and are valuable credentials for any future employer.

Work experience

At Birmingham we encourage you to gain relevant and challenging work experience to help prepare for your future career. Work experience is another key asset that will help you to stand out in the graduate labour market and demonstrate to future employers the valuable contribution you could make to their organisation.

A number of schools and departments across the University offer options for students to take a year in industry as part of their degree, often gaining an additional qualification by doing so. Alternatively, UK and European Economic Area students can undertake a year-long placement by requesting a leave of absence from the University; this is particularly popular where year placements are not a formal part of a degree course.

As well as supporting you to find year placements, the CEC can help you learn more about summer internships and part-time work experience. We advertise both graduate and work experience opportunities through our online vacancy database, and we work with a range of employers to create opportunities for you.

We also run our own work experience scheme called 'The Honey Pot' which supports a diverse range of work experience opportunities within sectors such as performance and arts,

banking and business, environmental and historical, engineering and science, health and social care, and IT and media. The Honey Pot provides financial support to undergraduate students at the University to undertake work experience over the summer vacation period.

If you want some work experience related to your future career then the Honey Pot is there for you!

Entrepreneurship and Innovation Centre

The Entrepreneurship and Innovation Centre (EIC) supports student enterprise through its incubator facilities, training, mentoring and seed-corn funding. If you are a student at the University, there are lots of opportunities available to you to try out your ideas, learn about starting a business and meet other like-minded people. Support available through the EIC includes:

□ Enterprise Skills

Have you started a business? Are you thinking about starting one or going freelance? Would you like some enterprise skills to boost your employability? Do you run a charity, society or social enterprise? Our annual series gives you the basics of what you need to know to start up in business. Meet real entrepreneurs, learn how to write a business plan and do your research, find out about business ethics and even try out your skills on a computer simulation.

□ Ideas Competitions

Our Ideas Competitions allow would-be entrepreneurs to test their business ideas out on experts and the public, to gain valuable feedback and potentially, prize money to help turn the idea into a reality.

□ SPEED Programme

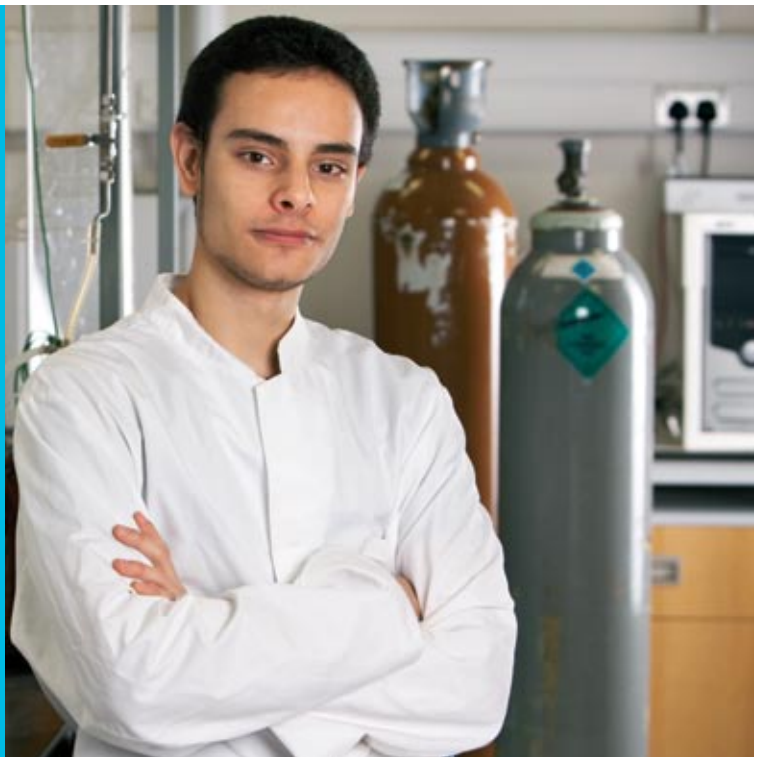
The SPEED Programme offers placements to students who are would-be entrepreneurs. SPEED is designed to help students with a sound business idea take the first steps towards running a real business by providing a financial bursary, access to office space for working and meetings, mentoring and business start-up training.

Learn more about the Careers and Employability Centre at: www.as.bham.ac.uk/study/support/cec



'My degree is helping me to obtain the knowledge and develop the skills necessary to undertake research, analyse complex systems, work in teams and develop communication skills that will provide the right combination to ensure a successful career.'

*Fabricio
Year 2, MEng Chemical Engineering
(Industrial Experience)*



Alumni profiles

Many of our graduates enjoy outstanding careers, spanning every industry and sector. We asked two distinguished alumni about their time at Birmingham and how it influenced their professional and personal lives.



Sir Paul Nurse

The first in his family to remain in education past the age of 15, Sir Paul Nurse graduated in 1970 with a BSc in Biology. His distinguished career includes a Nobel Prize for his discoveries in cell cycle division, and a knighthood for services to cancer research and cell biology. He is now President of Rockefeller University in New York.

Why did you choose to study at Birmingham?

In those days, there was a basic foreign language requirement and, despite pretty good A levels, most universities wouldn't even look at me because I had failed French O level six times. But Professor Jinks at Birmingham noticed my application and, after an extensive interview, he could see my potential and arranged for my weaknesses in foreign languages to be overlooked.

How did your experiences at Birmingham influence your life and career?

Birmingham was incredibly important to me. It was the first time I had been exposed to culture and politics so it was a very maturing experience. The course was very open with excellent lecturers who taught us the value of the alternative view, which I still think is important. And of course, I met my wife Anne at Birmingham too.

Tell us about your career experiences. What are some of your proudest moments?

In terms of career highlights, getting into university was extremely important, as it was so difficult and a first for my family. And getting elected to the Royal Society (the UK's national academy of science, made up of the country's most eminent scientists) at a relatively young age was another high point. In terms of my research, my proudest moment was when I discovered that the genes controlling cell reproduction in yeast are the same as they are in humans. That's when I realised my work would apply to all living things, which was an amazing moment.



Ben Shephard

Ben Shephard has become a household name as a presenter of ITV's *Krypton Factor*, *GMTV*, and BBC1's *1 vs 100*. Ben graduated in 1997 after studying Drama and Theatre Arts (Dance).

How have you got where you are today, from your student days?

I kind of fell into presenting. I worked as a runner for the weather department and Weather Network in Hockley, and every now and again they'd let me practise presenting the travel and weather when we weren't on air and I really enjoyed it. I hadn't thought about being a TV presenter before that, but once I'd decided that was what I wanted to do, I worked hard to get as much experience and meet as many people as I could.

How has having a university education benefitted you in terms of your career?

I learned the performance side of what I do and being comfortable in front of people at university, which is a vital part of my job. Also my experience at university taught me so much about getting on with and communicating with people from completely different backgrounds to me. It also allowed me constructive time to really work out what I wanted to do career-wise.

What did you gain from your time at Birmingham?

They were the best years of my life. I had no idea what I wanted to do with my life when I left school. Three-and-a-bit years later I had started work for Channel 4 and my career in TV had begun. At university, I met all sorts of people, experienced all sorts of things and was able to figure out what I most wanted from life. And the fringe benefits weigh up too: I met my wife and now we have two kids, and I made friends who I still see ten years later.

Our alumni include:

Victoria Wood

Writer and comedian

David Gill

Chief Executive of Manchester United Football Club

Sir Liam Donaldson

Chief Medical Officer for England

Tamsin Greig

Actor in programmes including *Black Books*, *Green Wing* and *The Archers*

George Davies

Founder of Next retail chain and creator of George at Asda

Chris Tarrant

Presenter of TV shows including *Who Wants to Be a Millionaire?*

Ann Widdecombe

Author and former MP

General Sir Mike Jackson

Former Head of the British Army

Lisa Clayton

First British woman to sail single-handed around the world

Learn more

www.alumni.bham.ac.uk

What type of programme suits you?

If you know what subject you wish to study and want to concentrate on that subject alone, then a Single Honours programme is for you. If you like the idea of studying more than one subject for your degree, then we have a range of options for you.

At Birmingham, we offer one of the broadest programme ranges of any UK university and one of the first choices you have to make is what type of course you would like to study.

Single Honours

This type of programme focuses on one subject only, such as Geography or English. All our available Single Honours programmes are listed in their relevant schools starting on page 70.

Joint Honours

A Joint Honours degree allows you to study two subjects equally, such as English and History. Where available, we have listed these programmes on the relevant school pages. A full listing of the combinations available and the UCAS codes you need to enter on your form can be found on page 64–65.

Major/Minor programmes

A Major/Minor degree means you study the first subject for around 70% of your time and the second subject for the remaining 30%; for example American and Canadian Studies with English. These programmes are listed on the school pages along with the entry requirements you need to join.

Modules outside the Main Discipline (MOMD)

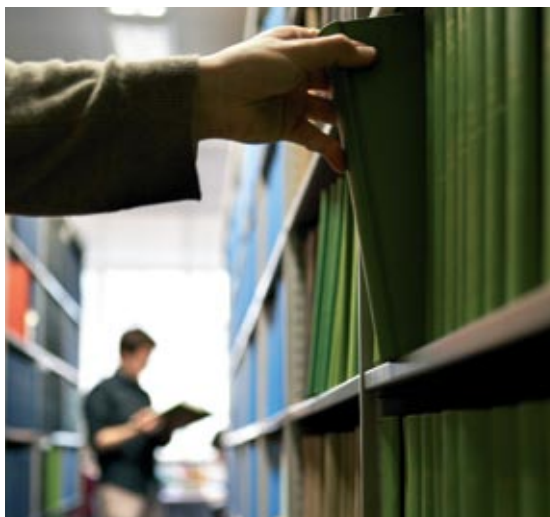
Some programmes enable you to study a module outside the main discipline of your degree. This is a 20 credit module in a subject that is not normally part of your main programme, which you may take to broaden your knowledge and skills. There are over 130 MOMDs available across a wide range of disciplines, and most students take them as part of the first year of their programme.

Foundation Year

We offer one-year Foundation Programmes as preparation for degree level study in a range of subjects. You will find them listed on their relevant school pages with detailed information online. There is also an International Foundation Programme specifically designed to prepare international students for UK higher education study – more information is available on page 38.

The credit system

At Birmingham, one credit is equivalent to about ten hours learning time. All our degrees are set within a credit framework designed to measure your academic achievements and allow like-for-like comparison between our different programmes. We expect all students to accumulate 120 credits in each full year of study. Our credit system is set within the Quality Assurance Agency's Framework for Higher Education Qualifications in England, Wales and Northern Ireland.



Joint Honours explained

With around 150 different Joint Honours combinations, we offer a fantastic range of programmes that is virtually unrivalled elsewhere in the United Kingdom.

What is a Joint Honours degree?

A Joint Honours degree programme involves the study of two subjects to Honours degree level. This type of degree, in which each subject carries equal weight, combines breadth of subject matter with depth of understanding.

If you study a subject in a Joint Honours programme, you work at exactly the same level and to the same academic standard as students taking that subject in a Single Honours programme. Joint Honours students are simply required to choose fewer topics from the range of options available in each half of the programme.

Why study Joint Honours?

The two subjects in a Joint Honours programme are quite distinct. You may choose to combine very disparate subjects simply because you want to develop two separate areas of expertise – Mathematics and a modern language, for example – each of which has its own inherent interest.

Sometimes there is considerable common ground between the subjects, as in the case of the very popular combination of Drama and English Literature. In some cases, you may wish to link the two subjects by choosing particular options in each department (Shakespeare in English, and the 17th century in History, for example) or by writing a final-year dissertation on a topic that draws on the knowledge and expertise developed in two departments, such as a comparison of two political systems or of two writers from different cultures.

The intellectual range of a Joint Honours degree, together with the communication and organisational skills acquired by combining disciplines, makes you very attractive to employers. A Joint Honours degree also equips you to proceed to a higher degree in either subject area, or to conduct research on a topic that combines your chosen disciplines.

The particular needs of students taking two subjects are looked after by the Admissions Tutor for Joint Honours. Students are also normally assigned a personal tutor in each department.

Joint Honours: language and non-language

If you take a modern foreign language (namely French Studies, German Studies, Hispanic Studies, Italian Studies, Portuguese or Russian Studies) together with a non-language subject, the programme lasts four years. You spend your third year abroad, usually in full-time study at a university. Which university you attend during your year abroad depends on your own preference and on the advice of the academic staff in the relevant language department.

Joint Honours in two modern languages

All Joint Honours combinations involving two modern foreign languages have been brought under the umbrella heading of the BA Modern Languages. This programme lasts four years with your third year spent abroad, usually in full-time study at university. More details on the combinations available can be found on pages 78–83.

Available combinations

The chart on the next page details all our available subject combinations and their individual UCAS codes. Further information on each individual programme, including entry requirements, programme duration and details of the study programme can be found online at www.undergraduate.bham.ac.uk/coursefinder/jointhonours

**Joint
Honours
available**
see pages 64–65

Look for this logo to see if a programme is available as a Joint Honours

	African Studies	American and Canadian Studies	Anthropology	Archaeology	Archaeology and Ancient History	Classical Literature and Civilisation	Computer Science	Drama and Theatre Arts	Economics	English Language	English Literature	Film Studies	French Studies	Geography	Geology
African Studies (Afr)		LT65		TV54					QT35	TQ53		RT15	LT75		
American and Canadian Studies (Amer)		LT67							QT37*	TQ7H*	TP73	TR71	LT77		
Anthropology (An)	LT65	LT67			LQ68										
Archaeology															FV64
Archaeology and Ancient History (AAH)	TV54					GV44			QV34	VQ43				LV74	
Classical Literature and Civilisation (CLC)			LQ68				QW84		QQ38	QQ3V					
Computer Science (Comp)				GV44					GQ43	QG34		GR41			
Drama and Theatre Arts (Drama)					QW84				QW34	WQ43			RW14		
Economics (Econ)														LL71	
English Language (Engl)	QT35	QT37*		QV34	QQ38	GQ43	QW34						QR31		
English Literature	TQ53	TQ7H*		VQ43	QQ3V	QG34	WQ43						QR3C		
Film Studies		TP73													
French Studies (Fr St)	RT15	TR71				GR41	RW14		QR31	QR3C				LR71	
Geography (Geog)	LT75	LT77		LV74				LL71					LR71		FF68
Geology				FV64											FF68
German Studies (Ger St)	RT25			RV24	QR82		RW24		QR32	QR3F		R901	LR72		
Hispanic Studies (Hisp St)		TR74		RV44	QR84	GR44			QR34	QR3K		R901	LR74		
History (Hist)	TV51	TV71*	LV61	VV14	QV81				QV31	QV3C		RV11	LV71		
History, East Mediterranean (HEM)	TV52		LV62				VWF4		QVH2	VQ23		RVC2	LVR2		
History of Art (H Art)	TV53	TV73	LV63	VV34	QV83		VW34		QV33	QV3H		RV13			
International Relations (Int Rel)															
Islamic Studies (Isl St)															
Italian Studies (Ital)				RV34	QR83		RW34		QR33	QR3H		R901	LR73		
Materials Technology															
Mathematics (Maths)				GV14		GG14							GR11		
Media, Culture and Society (MCS)	PT35	PT37					PW34		PQ33	QP33		PR31			
Music (Music)					QW83		VW34		QW33	QW3H		RW13			
Philosophy (Phil)				VV45	QV85				QV35	QV3M		RV15			
Planning (Plan)								KL41							
Political Science (Pol Sc)	TL52		LL62					LL12							
Portuguese (Port)	RT55			RV54	QR85		RW54		QR35	QR3M		R901	LR75		
Pure Mathematics						GGC4									
Russian Studies (Rus St)		RT77		RV74	QR87	GR47		RL71	QR37	QR3R		R901	LR77		
Social Policy (Soc Pol)															
Sociology (Soc)															
Sports Science															
Theology (Theo)				VV46	QV86	GV46			QV36	QV3P		RV16	LV76		
Urban and Regional Planning (Plan)														LK74	

All Joint Honours combinations

Each code number in this table indicates that the subject shown on the left may be combined with the subject above it. Enter the code in Section 3 of your UCAS form, followed by the abbreviated form of the subject, then that of the subject you are combining. So, to apply for Anthropology and History, enter LV61 An/Hist.

Before applying, make sure you have read full course descriptions for both subjects and checked the entry requirements. Log on to www.undergraduate.bham.ac.uk/coursefinder/jointhonours for full details.

	German Studies	Hispanic Studies	History	History East Mediterranean	History of Art	International Relations	Islamic Studies	Italian Studies	Materials Technology	Mathematics	Media, Culture and Society	Music	Philosophy	Planning	Political Science	Portuguese	Pure Mathematics	Russian Studies	Social Policy	Sociology	Sports Science	Theology	Urban and Regional Planning	
	RT25	TV51	TV52	TV53						PT35				TL52	RT55									
		TR74	TV71*	TV73						PT37							RT77							
			LV61	LV62	LV63									LL62										
	RV24	RV44	VV14	VV34			RV34		GV14			VV45			RV54		RV74						VV46	
	QR82	QR84	QV81	QV83			QR83				QW83	QV85			QR85		QR87						QV86	
			GR44						GG14							GGC4	GR47						GV46	
	RW24		VWF4	VW34			RW34			PW34	VW34					RW54								
													KL41	LL12			RL71							
	QR32	QR34	QV31	QVH2	QV33		QR33			PQ33	QW33	QV35			QR35		QR37						QV36	
	QR3F	QR3K	QV3C	VQ23	QV3H		QR3H			QP33	QW3H	QV3M			QR3M		QR3R						QV3P	
	R901*	R901*	RV11	RVC2	RV13		R901*		GR11	PR31	RW13	RV15			R901*		R901*						RV16	
	LR72	LR74	LV71	LVR2			LR73								LR75		LR77						LV76	LK74
		R901*	RV21	RVF2		RL22	R901*		GR12		RW23	RV25			LR22	R901*	R901*						RV26	
	R901*		RV41	RVK2	RV43		R901*			PR34	RW43	RV45				R901*								
	RV21	RV41		VV12	VV13		RV31			PV31	VW13	VV15		LV21	RV5C		RV71						VV16	
	RVF2	RVK2	VV12	VVF3					GVC2								RVR2						VVF6	
		RV43	VV13	VVF3			RV33					VV35			RV53		RV73						VV36	
	RL22																RL72							
																								V690
	R901*	R901*	RV31	RV33					GR13	PR33	RW33						R901*						RV36	
																								CF62
	GR12			GVC2			GR13				GW13	GV15			GR15								GC17	
		PR34	PV31				PR33					PV35			PR35									PV36
	RW23	RW43	VW13				RW33		GW13								RW73						VW63	
	RV25	RV45	VV15	VV35					GV15	PV35				VL52			RV75		VL53				VV56	
																	KLK4							
	LR22		LV21									VL52					RL7F	LL42	LL32					
	R901*	R901*	RV5C	RV53					GR15	PR35							R901*						RV56	
	R901*		RV71	RVR2	RV73	RL72	R901*				RW73	RV75		RL7F									RL74	
													KLK4	LL42			RL74		LL43					
												VL53		LL32					LL43					
								CF62	GC17															
	RV26		VV16	VVF6	VV36		V690	RV36		PV36	VW63	VV56			RV56									

Notes
 *UCAS codes for 4 year programme:
 American and Canadian Studies and English Language TQ73
 American and Canadian Studies and English Literature TQ7J
 American and Canadian Studies and History TVR1

*For all modern language combinations, see page 78–79 or refer to the full entry online at www.undergraduate.bham.ac.uk

How to find your programme

Our undergraduate programme is organised through five Colleges of academic expertise, and then further divided into specific Schools. Whether you browse through each School page individually, use the listing over the page, or check the index at the back, here's a quick guide to decipher what all the facts and figures mean.

1 College

Sometimes referred to as Schools or Faculties at other universities, we have five Colleges of academic expertise. This header lets you know which College your programme belongs to.

2 School title

Each College comprises a number of Schools. This title tells you what School offers your programme. There then follows a snapshot of academic life in that School, giving you an idea of what you will be studying, the facilities available to you, teaching and assessment techniques used and your career prospects following graduation.

3 Department title

Many Schools comprise a number of specialist departments. This heading lets you know which departments belong to your School.

4 Programmes of study

This is an alphabetical list of all the undergraduate programmes offered by the departments in that School, separated (where applicable) by the type of course – Single Honours, Joint Honours or Major/Minor awards. See page 62 for more details on the distinction between these. All programmes are full-time unless otherwise stated.

The screenshot shows a webpage for the 'College of Social Sciences' (1) and the 'School of Government and Society' (2). The page content includes a description of the school as a leading UK and international centre for political science, international studies, international development, sociology and European Studies. It also lists expertise areas, teaching and assessment methods, and career prospects. A callout (3) points to the 'Centre for Russian and East European Studies (CREES)' department.

1 College of Social Sciences

2 School of Government and Society

The School of Government and Society is one of the leading UK and international centres for political science, international studies, international development, sociology and European Studies.

The School has expertise covering a wide range of subject areas including British politics, development, diplomatic studies, ethnicity, European politics, international relations, Pacific-Asian politics, political economy, the politics of gender, political theory, public administration and management, security studies, and social exclusion. The School engages in a number of high profile international research and policy networks as well as delivering a range of undergraduate, postgraduate taught, and research opportunities.

The School comprises the Centre for Russian and East European Studies (CREES), Institute of Local Government Studies (ALOGOV), International Development Department (IDD) including the Centre for Studies in Security and Diplomacy (CSSD), Political Science and International Studies (POLISE) including the Institute of German Studies (IGS) and Sociology. The following departments offer a range of undergraduate programme opportunities:

Centre for Russian and East European Studies (CREES)
With over 43 years experience, CREES is recognised as a leading research centre and offers undergraduate courses in Russian and European Politics.

Political Science and International Studies (POLISE)
This research-intensive department covers all areas of political science and international studies, with particular strengths in British, European and Pacific-Asian politics, diplomatic studies, international relations, political economy, the politics of gender, political theory and security studies. It can offer undergraduate programme opportunities in International Relations, Political Science, International Studies and Political Economy.

Teaching and assessment
Teaching and assessment depends upon your chosen programme and we use a wide range of techniques. We normally feature a mixture of small group and classes, tutorials, seminars, classes and lectures. Assessment methods also vary, but usually include a mixture of assessed written work and examinations.

Career prospects
Our graduates enter a variety of careers in international and non-governmental organisations, teaching, the media, the Civil Service and business, as well as pursuing further postgraduate study.

3 Centre for Russian and East European Studies (CREES)

5 UCAS code

This is the code you need to enter on your application form to inform UCAS which programme you are applying for.

6 Typical offer

As a general guide, we have provided the typical offer we make for each

programme concerning A levels, International Baccalaureate Diploma (IB) and General Studies (GS). Please note that a tick indicates General Studies is accepted, a cross means it isn't. However, a good result may be taken into account if you do not meet all other requirements. Also note that this is just

a guide – full offers can be found on the individual programme entries online.

7 Places available/Applications

Here we let you know roughly how many students we expect to accept in 2010, although as this prospectus is prepared so far in advance this number of places may change. The applications (Apps 2008) refer to the number of students that applied in 2008 to give you an idea of how popular/competitive the course is. Remember that most students apply for up to five courses, so don't let a high ratio put you off.

8 Contact details

Each subject area will include the contact details of an admissions tutor. These are academic members of staff who oversee the admissions process and are able to offer you advice if you need further information to complete your application.

9 Essential information

Some alternative qualifications or experience are required for some programmes. Check here before venturing online to be sure you have the correct qualifications to apply.

10 Next step

This prospectus merely gives you a flavour of what it is like to study here. For full information on your programme, you should head to the web address listed and then find your programme online. Here you will be able to learn about the programme structure, what you study in each year and specific entry requirements needed. You can also be sure it's the most up-to-date information available.

4 Joint Honours available

5 Programmes of study

Programme	UCAS code	A level	IB	GS	2010	2008
Centre for Russian and East European Studies programmes						
BSc European Politics, Society and Economics	032	AAB-ABB	✓	20-28	30	31
BA Russian Studies	870	AAB-ABB	✓	20-28	3	22
BA Culture, Society and Communication (Europe) with Russian	880	ABB	✓	20-28		
BA Modern Languages (Russian) and European Studies (Society, Culture and History)	880	ABB	✓	20		
Political Science and International Studies programmes						
BA International Relations	120	ABB	✓	20-28	16	22
BA International Studies with Economics	121	ABB	✓	20-28	7	9
BA International Studies with French	124	ABB	✓	20	27	32
BA International Studies with German	122	ABB	✓	20	27	32
BA International Studies with Political Science	126	ABB	✓	20-28	27	32
BA International Studies with Spanish	124	ABB	✓	20	27	32
BA Political Economy	118	ABB	✓	20-28	8	36
BA Political Science	120	ABB	✓	20-28	12	22
Sociology programmes						
BA Media, Culture and Society	700	ABB	✓	20-28	6	20
BA Sociology	100	ABB	✓	20	21	26
Joint Honours – see pages 84-85 for subject combinations						
<input type="checkbox"/> BA International Relations <input type="checkbox"/> BA Media, Culture and Society <input type="checkbox"/> BA Political Science <input type="checkbox"/> BA Russian Studies <input type="checkbox"/> BA Sociology						
Major/Minor programmes – see pages 82 for details						
BA Russian Studies with Central and East European Studies	870	AAB-ABB	✓	20-28		

6 UCAS code

7 Typical offer

8 Contact details

9 Essential information

10 NEXT STEP Full details on all courses can be found at www.undergraduate.bham.ac.uk

List of programmes

We offer one of the most comprehensive range of subjects in the UK. Our programmes encompass every major discipline and include exciting opportunities to combine different subjects.

Programmes are listed here grouped together by subject area – if you can't find a programme to interest you, a more comprehensive index can be found on page 172.

Arts, languages, literature and history		Modern Languages with	
African Studies	75	Film Studies	83
African Studies with Anthropology	75	Music	83
African Studies with Development	75	Portuguese	83
American and Canadian Studies	73	Russian Studies	83
Anthropology	75	Theology	87
Archaeology	77	War Studies	75
Archaeology and Ancient History	77		
Classical Literature and Civilisation	77	Business	
Culture, Society and Communication (Europe)	83	Accounting and Finance	144
Drama and Theatre Arts	73	Business Management	144
Economic and Social History	75	Business Management with Communications	144
English	73	Business Management (Year in Industry)	144
English and American Literature	73	European Business Management	144
English with Creative Writing	73	International Business	144
French Studies	83	International Business with Communications	144
German Studies	83	International Business with Language	144
Hispanic Studies	83	Education	
History	75	Applied Golf Management Studies	147
History, Ancient	77	Childhood, Culture and Education	147
History, Ancient and Medieval	75	English Language and Literature in Education	147
History, East Mediterranean	77	Sport, Physical Education and Coaching Science	147
History and Social Science	75		
History of Art	83	Engineering	
Islamic Studies	87	Chemical Engineering	91
Medieval English and History	73	Civil Engineering	95
Modern Languages	83	Electronic and Electrical Engineering	99
Modern Languages and European Studies (Politics)	83	Engineering with Business Management	103
Modern Languages and European Studies (Society, Culture and History)	83		
Modern Languages (TEFL)	83		
Modern Languages with Business Studies	83		

Materials Science and Technology/ Metallurgy/Materials/Engineering	105	Computer Science with Business Management	97	Planning with Public Policy and Government and Management	145
Mechanical Engineering/ Automotive Engineering	103	Environmental Management	117	Planning with Social Policy	145
Mechanical and Materials Engineering	105	Environmental Science	117	International Relations	150
		Geography	117	International Studies with a Language	150
		Geology	117	International Studies with Economics	150
		Geology and Archaeology	117	International Studies with Political Science	150
Law		Geology and Geography	117	Mathematical Economics and Statistics	144
Certificate in English Law	85	Human Biology	112	Media, Culture and Society	83
Graduate Diploma in Legal Studies	85	Mathematical Engineering	101	Money, Banking and Finance	145
Law LLB	85	Mathematics	101	Money, Banking and Finance with a Language	145
Law with Business Studies	85	Mathematics and Computer Science	101	Philosophy	87
Law with French	85	Mathematics and Sports Science	101	Political Economy	150
Law with German	85	Mathematics with Business Management	101	Political Science	150
LLB for Graduates	85	Mathematics with Philosophy	101	Social Policy	152
		Mathematics with Psychology	101	Social Work	152
		Natural Sciences	123	Sociology	152
Medicine, dentistry and health sciences		Natural Sciences with Study in Continental Europe	123		
Biomedical Materials Science	129	Physics	107		
Dental Hygiene and Therapy	129	Psychology	119		
Dental Surgery	129	Sport and Exercise Sciences	121		
Medical Science	131	Sports and Materials Science	105		
Medicine	134	Theoretical Physics and Applied Mathematics	107		
Medicine – Graduate Entry Course	134				
Nursing	137				
Physiotherapy	139				
Science		Social sciences, government and politics			
Artificial Intelligence and Computer Science	97	Economics	144		
Biochemistry	112	Economics with a Language	144		
Biological Sciences	112	European Politics, Society and Economics	150		
Chemistry	93	Geography and Urban and Regional Planning	145		
Computer Science	97	Planning with Economics	145		
Computer Science/Software Engineering	97				

College of Arts and Law



Arts and Law are the cornerstones of a civil and humane society. Our graduates acquire problem-solving and critical-thinking skills which are the essential foundations of a knowledge-based economy. They are key contributors to the creation of new ideas and practices which enhance well-being in civilisations around the world.

*Professor Anne Pauwels
Head of the College of Arts and Law*

Think. Rethink.



B

School of English, Drama and American & Canadian Studies

The School provides a wide range of dynamic courses, exciting opportunities, first-class facilities and a commitment to excellence in teaching.

It offers an intellectually challenging and stimulating environment for your undergraduate studies, ensuring that you are a fully supported and active learner.

American and Canadian Studies is one of the most respected departments of its kind in the world, consistently listed as one of the top five American Studies departments in the UK. The multidisciplinary approach of its programmes, together with the experience of living and studying in the US or Canada, is highly appealing to potential employers.

Drama and Theatre Arts has a highly respected national and international reputation for excellence in teaching and research, having strong connections with local theatres and with the BBC in Birmingham.

English is a strong department, with members of staff working in the fields of English Literature, English Language and Creative Writing. Studying English at Birmingham involves a rigorous grounding in the core areas of the subject along with exposure to new ideas and practices.

Teaching and assessment

Teaching takes place via lectures, seminars and independent study. Assessment across the School includes essays and other written work produced throughout the year, class or seminar presentations, contributions to class discussion, examinations and the dissertation. Additional assessments include group research projects in American and Canadian Studies and performance and other practical tasks in Drama and Theatre Arts.

Career prospects

Graduating from this School prepares you for a range of professions, including teaching and research, the media, publishing, advertising, and the law. American and Canadian Studies graduates also work in government, accountancy, human resources and retail management. Drama and Theatre Arts graduates can progress to professional drama and theatre arts opportunities, or further training in acting and directing for theatre and television. Many English graduates go on to work in commerce, the public services and journalism.

Joint Honours available
see pages 64–65

Programmes of study	UCAS code	Typical offer			Places 2010	Apps 2008
		A level	GS	IB		
Single Honours						
American and Canadian Studies programmes						
BA American and Canadian Studies	T700	ABB	✓	34	26	106
BSc Business and American Studies	NT17	AAA	✗	36	12	-
BA English and American Literature	QT3R	AAB	✗	36	12	57
Drama and Theatre Arts programmes						
BA Drama and Theatre Arts	W440	AAB-ABB	✗	34-36	40	595
English programmes						
BA English	Q300	AAB	✗	36	112	651
BA English with Creative Writing	Q3W8	AAB	✗	36	40	336
Single Honours Integrated Degree						
BA Medieval English and History	QV11	ABB	✓	32	11	23
Joint Honours – see pages 64–65 for subject combinations						
<input type="checkbox"/> BA American Studies <input type="checkbox"/> BA American and Canadian Studies <input type="checkbox"/> BA Drama and Theatre Arts <input type="checkbox"/> BA English (Language and Literature)						
Major/Minor programmes						
BA American and Canadian Studies with African Studies	T7T5	ABB	✓	34		
BA American and Canadian Studies with English	T7Q3	ABB	✓	34		
BA American and Canadian Studies with French Studies	T7R1	ABB	✓	34		
BA American and Canadian Studies with Hispanic Studies	T7R4	ABB	✓	34		
BA American and Canadian Studies with History	T7V1	ABB	✓	34		
BA American and Canadian Studies with History of Art	T7V3	ABB	✓	34		
BA English with American and Canadian Studies	Q3T7	AAB	✗	36		
BA English with Philosophy	Q3V5	AAB	✗	36		

Please note: typical offer grades are for guidance only and will depend on the subjects you are combining. Other qualifications may be considered – please see entry requirements on page 158 for further information. Duration of programmes is normally three years; four years if combined with a modern language – see individual course entry online for full details.

Contact details

American and Canadian Studies

Professor R J Ellis
t +44 (0)121 414 5740
e acs-ug-admissions@bham.ac.uk

Drama and Theatre Arts

Dr Liz Tomlin
t +44 (0)121 414 5998
e j.a.batham@bham.ac.uk

English – Single Honours

Dr Jan Campbell
t +44 (0)121 414 3364
e sh-english@bham.ac.uk

English – Joint Honours, Major/Minor and Integrated degrees

Dr Tom Lockwood
t +44 (0)121 414 3364
e jh-english@bham.ac.uk

www.about.bham.ac.uk/colleges/artslaw/edac.shtml

Essential information

- American and Canadian Studies programmes require A level English Literature and/or History. The third year is spent in North America – students must pass all second year courses with a mark of at least 50% to be eligible for study abroad
- Drama and Theatre Arts candidates are usually invited for an open talk and a practical session, for which no preparation is required
- English and English with Creative Writing require English A level grade A
- The Integrated Degree programme requires A level English and/or History together with a language other than English at GCSE grade C if not offered at A or AS level



Full details on all courses can be found at www.undergraduate.bham.ac.uk

School of History and Cultures

The School of History and Cultures is a friendly and supportive community of undergraduates, postgraduates, visiting scholars and staff. The biggest advantage of having so many historians at Birmingham is the very wide range of specialist courses on offer.

Our undergraduate programmes are offered through two distinct subject areas – African Studies and History.

African Studies

African Studies is the only Centre of its kind in the world with over 40 years of expertise of teaching in this fascinating area, and with one of the finest collections of West African art and artefacts in Europe. All Centre staff have lived and taught in Africa, and continue to carry out research there. African Studies is a broad-based degree programme combining arts and social science approaches. Applicants are required to have an interest in Africa rather than a detailed knowledge of the continent.

History

Our programmes in History provide a flexible scheme of study that enables you to develop a comprehensive knowledge and understanding of the past. If you want to study History from both the medieval and modern periods and experience a range of historical approaches, then our Single Honours History programme could be the course for you. Economic and Social History explores issues such as what makes economies grow, the relationship between education, health and prosperity, and the unequal distribution of wealth and income. Ancient and Medieval History goes back to the roots of modern civilisation in Greece and Rome, and to the Middle Ages to fully understand the modern world. History and Social Science enables you to study either or both of the medieval and modern periods and combines this with the study of one or more of the social science disciplines. War Studies looks at history from the perspective of warfare, raising such questions as what is war, why is it so common and what does it achieve?

All history programmes are taught in the Departments of Medieval History and Modern History, which are among the leading centres of history teaching and research in the UK, giving you the opportunity to study with leading academics in the field.

Teaching and assessment

You will be expected to devote as much time to private study as to attending formal lectures and tutorials. In African Studies teaching involves both lectures and small group seminars and you may also be involved in student workshops and debates. Assessment is mostly by essay but also through presentations or projects and there are unseen examinations in some modules. In History there is also small group teaching, with an emphasis on helping you to develop your ability to learn and engage in informed debate. Assessment techniques include 'open' and 'closed' examinations, assessed essays, group presentations and a dissertation.

Career prospects

Our programmes equip you with a body of reasoning, communication and organisational skills appropriate for further study or employment in fields related to African and historical studies. Graduates from our School have gone on to postgraduate work and others have found careers in libraries, archives and museums, education, the media, commerce, government and with development agencies in the UK and overseas. These skills are also readily transferable to a large number of graduate professions such as law, teaching, retail and business management, and financial and public services.

**Joint
Honours
available**
see pages 64–65

Programmes of study	UCAS code	Typical offer			Places 2010	Apps 2008
		A level	GS	IB		
Single Honours						
African Studies programmes						
BA African Studies	T500	BBB-BCC	✓	30-32	18	91
BA African Studies with Anthropology (Interdisciplinary degree)	T5L6	BBB-BCC	✓	30-32		
BA African Studies with Development (Interdisciplinary degree)	T5L9	BBB-BCC	✓	30-32		
BA Archaeology and Anthropology (Integrated programme)	LV64	BBB	✓	32	15	-
History programmes						
BA Ancient and Medieval History	V116	ABB	✓	34	21	88
BA Economic and Social History	V300	BBB	✓	32	10	39
BA History	V100	AAB	✓	36	100	818
BA History and Social Science	VL13	ABB	✓	34	10	52
BA War Studies	L252	ABB	✓	34	30	145
Joint Honours – see pages 64–65 for subject combinations						
<input type="checkbox"/> BA African Studies						
<input type="checkbox"/> BA Anthropology						
<input type="checkbox"/> BA History						
Major/Minor programmes						
BA History with American and Canadian Studies	V1T7	ABB	✓	33		

Please note: typical offer grades are for guidance only and will depend on the subjects you are combining. Other qualifications may be considered – please see entry requirements on page 158 for further information. Programmes are normally three years in duration – four years if you combine with a modern language.

Contact details

African Studies

Dr Stewart Brown
t +44 (0)121 414 5127/5128
e s.brown@bham.ac.uk

History

Mrs Heather Cullen
t +44 (0)121 414 5752
e historycultures-ug@contacts.bham.ac.uk

www.historycultures.bham.ac.uk

Essential information

- Ancient and Medieval History applicants are required to have GCSE English grade B in addition to your A levels. A language other than English at GCSE grade C is desirable but not essential
- All History applicants (except Ancient and Medieval History) are required to have A level History. IB students must include History at HL



Full details on all courses can be found at www.undergraduate.bham.ac.uk

Institute of Archaeology and Antiquity

Whether you're interested in archaeology, ancient history or classical literature and civilisation, the Institute of Archaeology and Antiquity offers a flexible and wide-ranging programme to match your interests.

We provide a lively environment where students find friendly encouragement to follow their own particular interests in the past, and where they can gain the necessary skills to equip them for a variety of careers in the future. Our distinctive emphasis on using literature, history and archaeology in the study of the ancient world, and the range of expertise available, ensures a wide choice of times, countries and cultures may be studied.

We offer an exciting range of routes through your degree. You can build your own combination of study from the following options:

- Archaeology and Anthropology
- Archaeology and Ancient History
- History of Ancient, Medieval, or Modern Greece/
Rome/the Ancient Near East
- Classics and the Classical World
- Greece and the Greeks

The [Archaeology](#) programme offers an exciting and dynamic degree course, with practical fieldwork an important component to provide you with hands-on experience of past cultures.

[Ancient History](#) covers the rise and development of ancient civilisations over several millennia, from the ancient Near East and the Egyptians to late Antiquity. [Classic Literature and Civilisation](#) provides a true all-round education, encompassing literature and drama, myth, religion and history, as well as philosophy and art – no previous knowledge of the classics or Latin and Greek is required, as this will be provided.

Teaching and assessment

Alongside lectures, you have tutorials, one-to-one meetings with supervisors, group meetings with other students and staff, and self-directed project work. You will learn to present ideas in writing (reports, reviews, essays and dissertation) as well as orally in presentations.

Career prospects

Archaeology graduates have skills which equip them not only for careers in professional archaeology, museums and curatorial work, but also for a wide range of other professions such as education, business and industry, the Civil Service, and the media.

Joint Honours available
see pages 64–65

Programmes of study	UCAS code	Typical offer			Places 2010		Apps 2008	
		A level	GS	IB				
Single Honours								
BA Ancient History	V110	BBB	✓	32	40	291		
BA Archaeology	V400	BBB	✓	32	11	59		
BA Archaeology and Ancient History	VVC4	BBB	✓	32	31	158		
BA Archaeology and Anthropology (Integrated programme)	LV64	BBB	✓	32	15	-		
BA Classical Literature and Civilisation	Q820	BBB	✓	32	35	171		
BA East Mediterranean History	V220	BBB	✓	32	22	32		

Joint Honours – see pages 64–65 for subject combinations

- BA Archaeology and Ancient History
- BA Classical Literature and Civilisation
- BA East Mediterranean History
- BSc Geology and Archaeology

Please note: typical offer grades are for guidance only and will depend on the subjects you are combining. Other qualifications may be considered – please see entry requirements on page 158 for further information. The duration of our degree programmes is normally three years; four years if combined with a modern language.

Contact details

Single Honours

Dr Martin Bommas
t +44 (0)121 414 5497
e iaa-admissions@contacts.bham.ac.uk

Joint Honours

Dr Steven Morewood
t +44 (0)121 414 5497
e jointhonours@bham.ac.uk

BSc Geology and Archaeology

Dr Andy Chambers
t +44 (0)121 414 6131
e a.d.chambers@bham.ac.uk

www.iaa.bham.ac.uk

Essential information

- Practical fieldwork is an especially important component of the BA in Archaeology, involving six weeks training on projects run by the Institute and by Birmingham Archaeology, the University's field archaeology unit
- We offer an exciting range of routes through your degree, and you can build your own combination of study from a number of options (see page 76)



Full details on all courses can be found at www.undergraduate.bham.ac.uk

School of Languages, Cultures, Art History and Music

The School brings together seven internationally renowned Departments to offer a remarkably extensive portfolio of courses in an exciting and creative environment, underpinned by a vibrant research culture.

Our seven departments are Music, History of Art, French Studies, German Studies, Hispanic Studies, Italian Studies and the Centre for Modern Languages (which teaches Mandarin Chinese, Japanese and Arabic at undergraduate level). Many of our programmes also benefit from the contribution of the Centre for Russian and East European Studies in the College of Social Sciences.

Modern Languages

Our programmes enable you to study up to three languages, or to combine one (or in many cases two) languages with a non-language subject. Wherever possible we allow you to take a language from scratch. Please note, however, that all combinations involving French require you to have A level French; that you cannot do Single Honours German or Hispanic Studies without an A level in German or Spanish respectively; and that all programmes involving a Major (80 credits) in German or Portuguese also require an A level in the relevant language. For sound academic reasons also, we never let you take more than one language from beginner's level.

All our undergraduate programmes involving modern languages last for four years, with the third year being spent abroad (in one, two or occasionally three countries, depending on the course you are studying). Our students' activities during their third year vary considerably: depending on the country you are in and the course you are following, you will normally be able to choose between study at a university or work as a language assistant at a school – and in certain cases commercial work placements are also possible.

Please note that, for timetabling reasons, the following combinations are not possible in any of our programmes:

- Spanish and Russian
- Italian and Portuguese
- Italian and Mandarin Chinese

These are the numerous options open to you if you choose to study a language at Birmingham:

Single Honours

We offer in-depth Single Honours programmes in French, German, Italian and Hispanic Studies (which can involve Portuguese, Catalan or Basque, as well as Spanish). These programmes give you the opportunity to study numerous aspects of the history and culture of the countries which speak your chosen language, alongside intensive language work.

Joint Honours

Birmingham's long-established and highly regarded portfolio of Joint Honours degrees enables you to combine a language with a non-language discipline. The two subjects studied in a Joint Honours programme carry equal weight (there is a 60:60 credit split).

The following languages are available as part of a Joint Honours degree:

- French
- German
- Spanish
- Italian
- Portuguese



The following subjects can be combined in Joint Honours programmes involving a single language

	French	German	Spanish	Italian	Portuguese
African Studies	✓	✓	✗	✗	✓
American and Canadian Studies	✓	✗	✓	✗	✗
Archaeology and Ancient History	✗	✓	✓	✓	✓
Classical Literature and Civilisation	✗	✓	✓	✓	✓
Computer Studies	✓	✗	✓	✗	✗
Drama	✓	✓	✗	✓	✓
East Mediterranean History	✓	✓	✓	✗	✗
English (Language or Literature)	✓	✓	✓	✓	✓
Geography	✓	✓	✓	✓	✓
History	✓	✓	✓	✓	✓
History of Art	✓	✗	✓	✓	✓
International Relations	✗	✓	✗	✗	✗
Mathematics	✓	✓	✗	✓	✓
Media, Culture and Society	✓	✗	✓	✓	✓
Music	✓	✓	✓	✓	✗
Philosophy	✓	✓	✓	✗	✗
Political Science	✗	✓	✗	✗	✗
Theology	✓	✓	✗	✓	✓

(for codes please see pages 64–65)

BA Modern Languages

If you wish to specialise in the study of two or three languages, the BA Modern Languages degree is for you. You can choose to study French, German, Italian, Spanish, Portuguese, Catalan, Russian, Japanese, Mandarin Chinese or Arabic in a wide variety of weightings and combinations. It is also possible to study English Language as part of the BA Modern Languages degree, but please note that this is a course in advanced linguistics and requires both an A level in English and the linguistic competence of a native English speaker (it is not, in other words, a course that will enable non-native speakers of English to acquire greater competence in the language). Please remember also that you can only do ONE language from scratch. Nevertheless you have very considerable flexibility in choosing modules from this range of languages, as long as you make up the total of 120 credits required in each year of study. Basically, your programme can follow one of three 'pathways' or patterns:

- Pathway 1: You study two languages of equal weight (60:60 credit split). Combinations available on this 60:60 basis are: French and German, Spanish, Italian, Portuguese or Russian. German and Spanish, Italian, Portuguese or Russian. Italian and Russian, Spanish or Portuguese. Portuguese and Russian.
- Pathway 2: You study two languages in what we call a Major/Minor combination (80:40 credit split). All combinations listed under 'Pathway 1' above are available also on this 80:40 basis (with either one of them, in other words, taking up two thirds of your time and the other one third). Alternatively, you can do a Minor (40 credits only) in Catalan, Mandarin Chinese, Japanese, Arabic or English Language, alongside an 80-credit Major in French, German, Spanish, Italian, Portuguese or Russian.
- Pathway 3: You study three languages, all as Minors (40:40:40 credit split). The languages you can choose from are French, Spanish, German, Italian, Portuguese, Catalan, Russian, Japanese, Mandarin Chinese, Arabic and English Language.

One of the advantages of our BA Modern Languages structure is that, once you have chosen one of these pathways for your first year, it is in many cases possible to move on to a different one for the remaining years of your degree. You can normally move from Pathway 1 to Pathway 2 or vice versa, or you can move from Pathway 3 to either of the other pathways. What you cannot do, however, for obvious reasons, is start a new, third language (ie you cannot move from Pathway 1 or 2 to Pathway 3).

Major/Minor combinations

These degree programmes, a distinctive feature of the Birmingham portfolio of language degrees, have been designed for students who wish to focus primarily on the study of a single modern language, but who wish to combine this with a non-language subject (normally English Language, History of Art, Mathematics, Music, Psychology or Theatre Studies). Throughout, your language will occupy two thirds of your time (and attract 80 credits), and the non-language subject one third (40 credits). The languages available as Majors are French, German, Italian, Russian and Spanish.

Which Major/Minor combinations are possible and which (for timetabling reasons) are not

	English Literature	History of Art	Mathematics	Music	Psychology	Theatre Studies
French	✓	✓	✓	✓	✓	✓
German	✓	✗	✓	✓	✓	✓
Italian	✓	✓	✓	✓	✗	✓
Russian	✓	✓	✗	✓	✓	✗
Spanish	✓	✓	✗	✓	✓	✗

Modern Languages with Business Studies

This is a flexible variant on our Major/Minor model, which enables you to do a Minor in Business Studies alongside one or two languages. You do 40 credits of Business Studies in each of your three years in Birmingham. In the first year, you must also do TWO language Minors (40 credits in each of two languages). Languages available are French, Spanish, German, Italian, Russian, Japanese, Mandarin Chinese and Arabic; you can take one of these from scratch, but must have an A level in the other. For your second and final years, you can either continue with

your two languages, or switch to doing a Major in just one – as long as that language is French, Spanish, German, Italian or Russian (we do not offer Japanese, Chinese or Arabic as Majors).

Modern Languages and European Studies

We offer two programmes that combine intensive study of one or two modern languages with substantial elements of a European Studies degree. The European Studies focus can be on politics (RL92), or on a broad range of social, historical and cultural questions (R900). Both of these programmes offer you considerable flexibility as to how you might combine the European Studies and linguistic elements, though most students spend roughly half their time (60 credits) on the study of language. Languages available (for both RL92 and R900) are French, German, Italian, Spanish, Portuguese and Russian.

Modern Languages (TEFL)

This course has been designed for those wanting to combine the study of one or two modern foreign languages with a basic training in Teaching English as a Foreign Language (TEFL). In all years, the TEFL element constitutes a sixth (20 credits) of the programme. The language element follows one of two pathways:

- Pathway 1: You do 100 credits in one language in which you must have an A level. Possible languages are French, German, Italian and Spanish
- Pathway 2: You do 60 credits in one language, and 40 in another. 60-credit courses are offered in French, German, Italian, Spanish, Portuguese and Russian. 40-credit courses are available in all of these languages and also in Mandarin Chinese, Japanese and Arabic. For this pathway you must have an A level in one of your chosen languages

Modern Languages with Film Studies

This programme enables you to study one or two modern languages, and also to develop a detailed knowledge of European and North American film. The languages available are French, German, Italian, Spanish, Portuguese and Russian. Within the structure of the programme, various pathways or patterns are possible:

- Pathway 1: You take two languages alongside Film Studies, and divide your time equally between the three subjects (in other words, you do three 40-credit Minors)
- Pathway 2: You take one language, and combine it equally with Film Studies, on a 60:60 credit basis

- Pathway 3: You take a Major (80 credits) in one language alongside a Minor (40 credits) in Film Studies

Other degree programmes involving Modern Languages

A language can also be studied as part of the following programmes:

- BA Culture, Society and Communication (Europe) with a Modern Language (see below)
- LLB Law with French (see page 85)
- LLB Law with German (see page 85)
- BA European Business Management (see page 144)
- BSc International Business with a Language (see page 144)
- BSc Economics with a Language (see page 144)
- BA International Studies with a Language (see page 150)
- BSc Money, Banking and Finance with a Language (see page 145)

Culture, Society and Communication

These exciting and innovative programmes, also run and taught within our School, introduce you to the key concepts and methods of media and cultural analysis, to the work of major cultural theorists and to the central concerns of cultural enquiry. All this is done with a particular focus on contemporary Europe. The BA in Culture, Society and Communication (Europe) does not involve the study of a foreign language or a year abroad, but the alternative BA in Culture, Society and Communication (Europe) with a Modern Language entails both. Its language element normally occupies a third of your time (40 credits) or a half (60 credits). Languages available are French, German, Italian, Spanish, Portuguese and Russian.

History of Art

The prestigious Department of the History of Art is located in the Barber Institute of Fine Arts, one of the world's finest small art galleries. Housing an internationally important collection of paintings, sculptures, rare coins and seals, it is also home to the Fine Art library with an impressive collection of specialist teaching resources – including a slide library of over 70,000 pieces.

Our three-year Single Honours degree programme provides an in-depth study of the tradition of Western art – primarily painting, along with sculpture and architecture – from the Renaissance to the present. You will develop your critical and historical awareness of art by study of the originals. Focusing

on art historical approaches and specific periods, you will study a particular period in detail in your second year, which includes a study period abroad. There is also an opportunity to look at works of art in the contexts of art galleries and the environments that produced them. The programme concludes with a dissertation on your chosen work of art, which you will study first hand.

You can also study the History of Art in Joint Honours combinations with African Studies, American and Canadian Studies, Anthropology, Archaeology and Ancient History, Classical Literature and Civilisation, Drama, English (Language or Literature), French, Hispanic Studies, History, East Mediterranean History, Italian, Philosophy, Portuguese, Russian or Theology. These degrees also last for three years, unless you study a language, in which case you will also have a year abroad.

Music

The Department of Music, one of the largest and most distinguished in the country, has a history stretching back to 1905 (when Edward Elgar was our first Professor of Music). Its research community includes internationally recognised scholars, composers and performers.

The Department is situated in the Barber Institute of Fine Arts, with its concert hall used for teaching, rehearsal and performance. Facilities also include practice rooms, electro-acoustic music studios, early instruments and access to open rehearsals from the likes of Thomas Adès, Andris Nelsons, Sakari Oramo and Sir Simon Rattle. Many students also receive practical tuition from the Birmingham Conservatoire, and our concerts are regularly held in the internationally acclaimed Symphony Hall.

The three-year Single Honours Music programme teaches musicology – music as an academic discipline – alongside ensemble and solo performance, and composition. The programme offers a wide choice of optional modules covering a range of topics from aspects of western art music, through to modules such as Sound Recording, Early Music Ensemble Performance, Film Music and Celtic Music. Your third year culminates with a specialism in solo performance through recital, composition through a prepared portfolio, or in musicology by writing a dissertation – or a combination of two of these.

You can also study Music in Joint Honours combinations with Classical Literature and Civilisation, Drama, English (Language or Literature), French, German, Hispanic Studies, History, Italian, Mathematics, Russian or Theology. These degrees also last for three years, unless you study a language, in which case you will also have a year abroad.

Teaching and assessment

Courses throughout the School are delivered via a mixture of tutorials, lectures, workshops and seminars, alongside subject specific techniques such as language laboratories and music performances. In most of our Departments small group work is

the norm, and music performance lessons are on a one-to-one basis. Assessment takes the form of essays, examinations, presentations and practical work.

Career prospects

All courses offered by the School provide you with transferable skills that employers are looking for in a wide range of careers. These skills include the ability to work independently, the ability to analyse complex material, well-developed communication skills and inter-cultural awareness. A number of students also go on to further study and research at postgraduate level.



'At university there is an opportunity every day to learn something about yourself. It's about developing skills you already have and finding new ones you didn't know about.'

*Kathryn
Year 2, BA Modern Languages
and European Studies (Politics)*

Joint Honours available
see pages 64–65

Programmes of study	UCAS code	Typical offer			Places 2010	Apps 2008
		A level	GS	IB		
Single Honours						
BA French Studies	R120	BBB	✓	30-32	20	118
BA German Studies	R220	BBC	✓	30-32	8	59
BA Hispanic Studies	R410	BBB-BBC	✓	30-32	13	63
BA History of Art	V350	ABB	×	32-34	10	147
BA Italian Studies	R301	BBC	✓	30-32	4	20
BMus Music	W302	AAB	✓	36	42	349
Other programmes in modern languages						
BA Modern Languages	R901	ABB	✓	32-34	85	450
BA Modern Languages with Business Studies	RN91	ABB	✓	32-34	15	-
BA Modern Languages (TEFL)	R902	BBB	✓	30-32	10	-
Major/Minor programmes					9	58
BA Modern Languages with English Literature	R903	ABB	✓	32-34		
BA Modern Languages with History of Art	R9V3	ABB	✓	30-34		
BA Modern Languages with Mathematics	R9G1	ABB	✓	32-34		
BA Modern Languages with Music	R9W3	ABB	✓	32-34		
BA Modern Languages with Psychology	R9C8	ABB	✓	30-34		
BA Modern Languages with Theatre Studies	R9W4	ABB	✓	32-34		
Modern Languages and European Studies programmes						
BA Modern Languages and European Studies (Politics)	RL92	BBB	✓	32	15	66
BA Modern Languages and European Studies (Society, Culture and History)	R900	BBB	✓	32	18	109
Programmes with Film Studies					24	-
BA Modern Languages with Film Studies (including 40 credits in Film)	R9P3	ABB	✓	32-34		
BA Modern Languages and Film Studies (including 60 credits in Film)	RP83	ABB	✓	32-34		
Cultures, Society and Communication programmes					18	-
BA Culture, Society and Communication (Europe)	R930	ABB	✓	32-34		
BA Culture, Society and Communication (Europe) with a Modern Language	R990	ABB	✓	32-34		

Joint Honours programmes – see pages 64–65 for subject combinations

Contact details

Modern Languages

The various Modern Language programmes are administered by several admissions tutors. For specific contact details see our departmental web pages or contact:

t +44 (0)121 414 5495/5965/
5996/6035

e modernlanguages@bham.ac.uk

Culture, Society and Communication

Dr Berry Sèbe

t +44 (0)121 414 6173

e b.c.sebe@bham.ac.uk

History of Art

David Hemsoll

t +44 (0)121 414 5751

e d.e.hemsoll@bham.ac.uk

Music

Dr Kenneth Hamilton

t +44 (0)121 414 5782

e k.l.hamilton@bham.ac.uk

www.about.bham.ac.uk/colleges/artslaw/icam.shtml

Please note: typical offer grades are for guidance only. Other qualifications may be considered – please see 'entry requirements' on page 158 for further information. Duration of programmes is normally three years; four years if combined with a modern language.

Essential information

- Modern Language programmes normally require at least one A level (or equivalent) in a modern language other than English. All combinations involving French require an A level or equivalent in French
- For Music you must have A level Music at grade A; Music Technology is accepted but not as a substitute for Music



Full details on all courses can be found at www.undergraduate.bham.ac.uk

Birmingham Law School

Birmingham Law School is ranked seventh in the country for Law in the 2009 *Guardian* league table. In the 2008 National Student Survey, 92 per cent were satisfied with the quality of our courses, impressed with the enthusiasm of our staff, their ability to explain things clearly and to make material intellectually stimulating.

At Birmingham, our [LLB programme](#) looks at law from practical, philosophical and theoretical perspectives. It helps you develop an enquiring and critical attitude to law, learn to think logically and communicate clearly. The core subjects of public law, criminal law, European Law, obligations A (contract), obligations B (tort), property law A (property) and property law B (equity and trusts) are studied in the first two years, along with jurisprudence (legal theory), and the final year is entirely devoted to giving you a broad choice of specialist optional modules. Options available in previous years have included Company Law, Criminology, Family Law, International Human Rights, Law and Medicine, Public International Law, Socio-Legal Studies and Women and the Criminal Justice System.

To broaden your knowledge further, you could choose to study the LLB with either German, French, or Business Studies. Combining law with a language opens up new horizons for the professional lawyer, providing students with the knowledge and skill to deal with legal and commercial matters across the EU allied to a firm command of a European language. You will spend your third year studying in a prestigious university in Germany or France. Similarly, combining law with business gives you an in-depth understanding of the legal and commercial environment, the management of organisations and the way they structure their activities.

All our LLB programmes are 'qualifying' degrees. This means that they provide exemption from the academic stage of the examinations required by the Solicitors Regulation Authority and Bar Standards Board before you can qualify as a solicitor or barrister in England and Wales.

Birmingham Law School also runs courses that enable graduates of non-law subjects to gain a full law qualification after one or two years of study. The [Graduate Diploma in Legal Studies](#) is a one-year Common Professional Examination (CPE)

programme, which covers the core subjects in an intensive 36-week programme. Birmingham was the highest-rated Law School in *The Guardian's* 2009 rankings to offer a CPE programme and the only Russell Group University to do so. The [LLB for Graduates](#) is a two-year programme offering graduates the chance to study a concentrated version of our undergraduate degrees. Students study the same syllabus as the LLB programme but can opt to study one of our final year specialist modules instead of the jurisprudence module. This programme is popular with international students, who should check with their local law society to find out whether it can be counted towards the academic stage of professional qualifications in their home jurisdictions. Both programmes are 'qualifying'.

Students outside the UK looking for a year abroad at Birmingham Law School should consider our [Certificate in English Law](#). In one intensive year you will study alongside students on the LLB programme, choosing from a range of modules depending on your previous legal study.

Teaching and assessment

Modules are taught by lectures and discussion groups. Assessment methods vary; you will be assessed by examinations, essays or a mixture of the two.

Career prospects

Many of our students go on to become solicitors and barristers or work in an industrial and business context. Some have enjoyed success as accountants, hospital managers, bankers, business executives and academics. If you study Law with a modern language you have the added dimension of access to European institutions, agencies and corporations. We can also count among our graduates a novelist, journalists, television presenters, chairs of statutory commissions and a professional jockey.

Contact details**Birmingham Law School**

Mrs Sharon Jones

t +44 (0)121 414 6290

e law-llb@bham.ac.uk

www.law.bham.ac.uk

Programmes of study	UCAS code	Typical offer			Places 2010	Apps 2008
		A level	GS	IB		
Single Honours						
Law programmes					250	1,201
LLB Law	M100	AAA	×	36		
LLB Law for Graduates	M990	-	-	-	40	197
LLB Law with Business Studies	M1N1	AAA	×	36		
LLB Law with French	MR11	AAA	×	36		
LLB Law with German	MR12	AAA	×	36		
Certificate in English Law	-	-	-	-	5	21
Graduate Diploma in Legal Studies	-	-	-	-	50	388

Please note: typical offer grades are for guidance only. Other qualifications may be considered – please see entry requirements on page 158 for further information. Duration of our programmes varies according to the type of programme: LLB and Law with Business Studies are three years; LLB Law for Graduates is two years; Law with French and Law with German are four years and the Graduate Diploma in Legal Studies and the Certificate in English Law are one year.

Essential information

- All applicants for M100, M1N1, MR11, MR12 will be required to take the National Admissions Test for Law (LNAT). Further information can be found at www.inat.ac.uk
- The LLB Law for Graduates (M990), Certificate in English Law and the Graduate Diploma in Legal Studies are exempt from the LNAT
- For Law with Business Studies you also require Mathematics at GCSE grade B if not offered at A or AS level
- For Law with French or German you are required to have grade A at A level or 6 points IB in your chosen language at HL
- The Graduate Diploma in Legal Studies requires at least an upper second-class Honours degree; the LLB for Graduates at least a lower second-class Honours degree
- Applications for the Graduate Diploma in Legal Studies must be made through Lawcabs: www.lawcabs.ac.uk
- Applications for the Certificate in English Law are through the University's International Office

Full details on all courses can be found at www.undergraduate.bham.ac.uk

Philosophy, Theology and Religion

The School of Philosophy, Theology and Religion is home to a dynamic and friendly community of staff and students, pursuing original research on a wide range of topics in one of the largest departments of its kind in Britain.

Staff in the [Department of Philosophy](#) boast expertise across a range of topics within philosophy, with a growing international reputation as a centre of excellence for research in analytic philosophy. Leading-edge research underpins our undergraduate course provision and we currently have expertise in areas as diverse as Philosophy of Language, Mind and Action; Metaphysics and Epistemology; and Ethics, Metaethics and Global Ethics. Students in Philosophy have the opportunity to spend a year studying at a prestigious university overseas, before returning to complete their final year here.

The [Department of Theology and Religion](#) has a long record of providing quality education and in the most recent assessments, was once again rated in the highest scores by the Research Assessment Exercise (RAE) and Quality Assurance Agency (QAA). We play a world-leading role in areas of research such as textual scholarship; postcolonial theory; Christian-Muslim relations, and World Christianity. This knowledge is shared throughout the world and we currently have links with academic institutions in all five continents.

The School includes the Centre for the Study of Global Ethics, the first of its kind in the UK. Work in the Centre addresses the practical and theoretical issues raised by globalisation. It offers taught programmes, research and consultancy – recent clients have included the Human Genetics Commission, British Council of Higher Education and the United Nations University and US Social Science Research Council.

Teaching and assessment

We use a range of teaching and learning methods to help you get the most out of your studies – including presentations, discussions, field trips and exercises on the internet. Class sizes are not too big, making it easier for you to take part in class discussions and get to know other students.

Career prospects

Employers value the wide-ranging skills you can obtain from the School of Philosophy, Theology and Religion and previous students have gone on to successful careers in teaching, journalism, law, social work and management.

Joint Honours available
see pages 64–65

Programmes of study	UCAS code		Typical offer			Places 2010	
	A level	GS	IB	Placements	2010	2008	
Single Honours							
Philosophy programmes							
BA Philosophy	V500	ABB-BBB	✓	32-34	45	225	
Theology and Religion programmes							
BA Islamic Studies	T600	BBC	✓	30	19	53	
BA Theology	V600	BBB-BBC	✓	30-32	28	221	
Joint Honours – see pages 64–65 for subject combinations							
<input type="checkbox"/> BA Islamic Studies							
<input type="checkbox"/> BA Philosophy							
<input type="checkbox"/> BA Theology							

Please note: typical offer grades are for guidance only and will depend on the subjects you are combining. Other qualifications considered – see the entry requirements section on page 158 for full information. Duration of our degrees is normally three years; four years if combined with a modern language in our joint honours programmes.

Contact details

Islamic Studies and Theology

Dr Ian Draper
t +44 (0)121 414 3613
e i.draper@bham.ac.uk

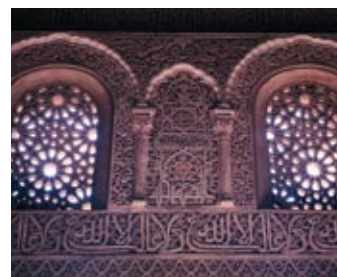
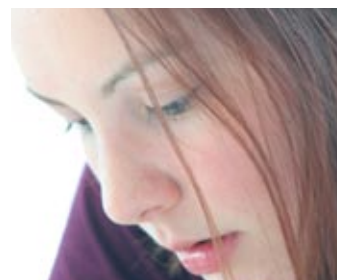
Philosophy

Dr Mark Walker
t +44 (0)121 414 6059
e philosophy@bham.ac.uk

www.about.bham.ac.uk/colleges/artslaw/ptr.shtml

Essential information

- Philosophy students who have studied Philosophy or Religious Studies at A level must have at least a grade B in these subjects



Full details on all courses can be found at www.undergraduate.bham.ac.uk

College of Engineering and Physical Sciences



The world is presently facing major challenges in such areas as energy, the environment and sustainability. The way forward will be found by understanding the problems and applying innovative solutions. There has never been a more important time to study science and engineering.

Professor Nigel Weatherill

Head of the College of Engineering and Physical Sciences

Create impact.



School of Chemical Engineering

The School of Chemical Engineering is home to one of the largest concentrations of chemical engineering expertise in the UK, with a reputation reflected in our top 5 rating in the Research Assessment Exercise (RAE) in 2008 and consistently high ratings in academic league tables.

Teaching comes from lecturers who are global experts in their field, together with leading-edge teaching facilities and laboratories, our own state-of-the-art computer cluster and e-learning suite to enhance your learning experience. We also have strong links with key employers including Procter & Gamble, bp, ConocoPhillips, ExxonMobil, Cadbury Trebor Bassett, Unilever, AstraZeneca and GlaxoSmithKline.

Chemical Engineering is a dynamic and evolving programme. The broad scope of our undergraduate programme introduces you to the fundamentals of the subject, along with the opportunity to learn about other engineering disciplines or include a foreign language. At the end of your second year, you have the choice of graduating after a further year's study with a BEng qualification, or continuing to qualify for MEng after four years' study.

Other options available to you include the Industrial Experience and International Study programmes. International Study sees you spending your third academic year abroad at a prestigious university in either an English or non-English speaking country.

For Industrial Experience, you spend a semester of your fourth year in an industrial placement or you can spend a longer time in industry by taking a gap year at the end of your second year.

Teaching and assessment

The courses are delivered as lectures, small group workshops, computer sessions, laboratories and tutorials. Assessment methods used are examinations, written assignments, computer-based tests and laboratory and project reports. A strong emphasis is placed on project work (design and research projects) in years three and four.

Career prospects

You will graduate with the skills required in today's fast-changing marketplace. Previous graduates have gone onto successful careers as chemical engineers in the oil, chemical, pharmaceutical, biotechnological, and food and drink sectors. Opportunities also exist in non-traditional roles such as accountancy, in the City or in IT industries. Some graduates go on to postgraduate study.

'My A level results enabled me to qualify for a Chemical Engineering Scholarship of £1,000. I just had to send an email and the rest was taken care of – the money really helped out my student budget.'

Joanna
Year 2, MEng Chemical Engineering



Programmes of study	UCAS code	Typical offer			Places 2010	Apps 2008
		A level	GS	IB		
Single Honours						
Chemical Engineering programmes					58	685
BEng/MEng Chemical Engineering	H800	AAB	✘	34		
MEng Chemical Engineering (International Study)	H801	AAB	✘	34		
MEng Chemical Engineering (Industrial Experience)	H802	AAB	✘	34		
BEng/MEng Chemical and Energy Engineering	H803	AAB	✘	34		
BEng/MEng Chemical Engineering with Business Management	H8ND	AAB	✘	34		
BEng/MEng Chemical Engineering with Foundation Year	H892	BBB	✓	28		

Please note: typical offer grades are for guidance only. Other qualifications may be considered – please see 'entry requirements' on page 158 for further information. Duration of programmes is normally three years; four years if you follow MEng programmes or combine with a year abroad or industrial placement – see individual course entry on the website for full details.

Contact details

School of Chemical Engineering

Dr Gary Leeke

t +44 (0)121 414 5333

e ug-admis-chem-eng@bham.ac.uk

www.eng.bham.ac.uk/chemical

Essential information

- Our Chemical Engineering programmes are accredited by the Institution of Chemical Engineers (Except H803 which is due for accreditation in 2010)
- Mathematics and Chemistry are required at A level and IB Higher
- Typical offers for the Foundation degree depend on your previous study; see online entry for details



Full details on all courses can be found at www.undergraduate.bham.ac.uk

School of Chemistry

The School of Chemistry has a strong research focus and a commitment to excellence in teaching. The field of chemistry is a changing one, and we are continuing to develop a range of degree programmes to prepare our students for the evolving needs of industry and society.

Chemistry is a partnership between practical work and theory. Our degree programmes offer a balanced curriculum, allowing you to develop skills at the bench by putting into practice what you learn in lectures. Our research facilities are among the best in the country, and this access to state-of-the-art equipment and laboratories is a vital part of your education. Collaborations are forged between ourselves and other science, medical and engineering departments at the University, both at teaching and research levels. This enables you to experience, at first hand, how a background in chemistry equips you for a wide range of career opportunities.

MSci/BSc programmes

Our MSci programmes are four-year Single or Major/Minor Honours degrees, which can be truncated to three years for the award of BSc. Both programmes are designed to provide options that build onto the common core chemistry courses:

- Single Honours programmes combine core chemistry with a number of optional courses, as well as the opportunity to study abroad or spend time working in industry
- Major/Minor programmes (Chemistry with Business Management, Chemistry with Environmental Science, Chemistry with Pharmacology and Chemistry with Psychology) comprise two thirds chemistry and one third in the second discipline

Teaching and assessment

Our courses can be divided into two distinct parts: your first two years complete your fundamental education in the core aspects that underpin chemistry, whilst years three and four develop your skills to apply knowledge via an extensive research project and through the study of cutting-edge topics at the forefront of knowledge. A variety of assessment methods are used in addition to exams, including course work, web-based assessment and project work. Small group teaching and workshops also add to your personal tuition.

Career prospects

You will be well prepared for a wide range of careers including those in the chemical, pharmaceutical and manufacturing industries, research in chemistry and related sciences, analytical chemistry, forensics and teaching. The rigour and skills of a chemistry-based degree are also much prized in areas such as finance, IT and marketing. Many of our graduates go on to study for a higher degree followed by careers in research or industry.

Scholarships

The School of Chemistry offers scholarship schemes which seek to promote and reward excellence. If you match certain academic criteria you will be eligible to compete for a number of awards, up to £5,000 per year. See www.chem.bham.ac.uk/study/ug/scholarships.shtml for more details.

Programmes of study	UCAS code		Typical offer			Places 2010	Apps 2008
	A level	GS	IB				
Single Honours							
Chemistry programmes						100	660
BSc Chemistry	F100	BBB-BBC	x	30-32			
MSci Chemistry	F101	ABB-BBB	x	32-34			
MSci/BSc Chemistry with Analytical Science	F180	BBB-BBC	x	30-32			
MSci/BSc Chemistry with Bio-organic Chemistry	F163	BBB-BBC	x	30-32			
MSci/BSc Chemistry with a Modern Language	F1R9	BBB-BBC	x	30-32			
BSc Chemistry with Foundation Year	F103	●	x	●			
BSc Chemistry with Foundation Year (International Foundation Programme)	F105	●	x	●			
MSci Chemistry with Industrial Experience	F104	ABB-BBB	x	32-34			
BSc Chemistry with Study Abroad	F102	BBB-BBC	x	30-32			
MSci Chemistry with Study Abroad	F106	ABB-BBB	x	32-34			
Major/Minor programmes							
MSci/BSc Chemistry with Business Management	F1N1	BBB-BBC	x	30-32			
MSci/BSc Chemistry with Environmental Science	F1F8	BBB-BBC	x	30-32			
MSci/BSc Chemistry with Pharmacology	F1B2	BBB-BBC	x	30-32			
MSci/BSc Chemistry with Psychology	F1C8	BBB-BBC	x	30-32			

● Offers will depend on your previous study. Please contact the Admissions Tutor for examples of acceptable qualifications.

Chemistry programmes are also available as part of the Natural Sciences programme – see pages 122–123 for details.

Please note: typical offer grades are for guidance only, and will depend on the subjects you are combining. Other qualifications considered – see the entry requirements section on page 158 for full information. Duration of programmes is normally three years; four years if combined with study abroad, a year in industry or if you study MSci – see individual course entry on the website for full details.

Contact details

Admissions Tutor

Dr Melanie M Britton

t +44 (0)121 414 4361

e ug-chemistry-admissions@

lists.bham.ac.uk

www.chem.bham.ac.uk

Essential information

- A level subjects must include Chemistry, it would be advantageous to include one (or more) from Biology, Physics, Mathematics, Geography, Geology or Psychology
- For Chemistry with Study Abroad BSc/MSci courses (F102 and F106) and MSci/BSc Chemistry with a Modern Language (F1R9), an appropriate modern language at GCSE grade B minimum is also required
- IB students must have Chemistry HL(5); one or more science subjects at HL is regarded as advantageous but not essential
- General Studies is not accepted, but a good performance may be taken into consideration if you fail to meet the conditions of your offer



School of Civil Engineering

Civil engineers with imagination, creativity and technical expertise are required to meet the challenges of an ever-changing world.

At Birmingham we believe in developing the engineer in you, right from your first year. Civil engineers solve complex, real-world problems and our courses are designed to give you as many opportunities as possible to tackle such problems. These take the form of design projects, which thread through our degree programmes. The design problems increase in complexity from the first year, where you will learn the importance of good conceptual design, until the third year, which sees you spending about half your time working on a real engineering problem provided by our industrial advisers.

You will be taught by professional engineers who can be found working with industry, either as advisers or research partners. Our research informs our teaching, exposing you to the latest developments in the industry and allowing you to experience current engineering projects alongside practising engineers.

You will be given a thorough understanding of a broad range of engineering subjects, providing you with the depth of knowledge required to be a successful engineer and also providing you with a wide range of options before you decide to specialise in an area that interests you. Civil Engineering is a very flexible programme, and you could choose to study with either an industrial placement or international year, where you get the opportunity to test your skills in industry, or study at a prestigious overseas university for an academic year.

All our Civil Engineering courses are accredited by the Institutions of Civil and Structural Engineers and are compatible with the latest guidelines for professional engineering registration (SARTOR 3). They are also recognised by the European Federation of National Engineering Associations (FEANI).

Teaching and assessment

You will study with lecturers who are experts in their own fields, which cover structural, geotechnical, wind, water and transport engineering. Your days are split between attending lectures, doing tutorials and laboratory practicals, and your own individual study time. In the third and fourth years, project work increases in importance so that you spend up to 25-hours a week working on your design or research projects.

Career prospects

Upon graduation you may choose to join a big engineering consultancy and gain experience in all areas of civil engineering, or you could choose to specialise in a particular area, such as structural design, geotechnical, energy or water engineering. There are also many opportunities to work abroad as a civil engineer.

Programmes of study	UCAS code	Typical offer			Places 2010	Apps 2008
		A level	GS	IB		
Single Honours						
Civil Engineering programmes					60	712
BEng/MEng Civil Engineering	H200	AAA-AAB	✘	32-36		
BEng/MEng Civil Engineering with Business Management	H2NC	AAA-AAB	✘	32-36		
MEng Civil Engineering with Industrial Experience	H202	AAA-AAB	✘	32-36		
MEng Civil Engineering with International Study	H203	AAA-AAB	✘	32-36		
BEng/MEng Civil and Energy Engineering	HH28	AAA-AAB	✘	32-36		
BEng/MEng Civil Engineering with Foundation Year	H294	BBB	✓	28		

Please note: typical offer grades are for guidance only. Other qualifications considered – see the entry requirements section on page 158 for full information. Duration of degree programmes – BEng three years; MEng four years. A year in industry can be added to these either at the beginning of the programme or after completion of the second year – see individual course entry on the website for full details.

Contact details

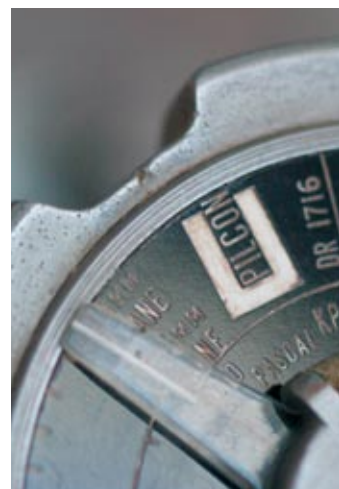
Civil Engineering

Dr Andrew Spink
t +44 (0)121 414 5043
e uga-civeng@bham.ac.uk

www.eng.bham.ac.uk/civil

Essential information

- Required subjects include A level Mathematics; GCSE Physics (or Double Science) grade C if not offered at A or AS level
- IB points must include Mathematics and a Science at HL
- Typical offer for the Foundation degree depends on your previous study; see online entry for details



Full details on all courses can be found at www.undergraduate.bham.ac.uk

School of Computer Science

Computer Science is a dynamic discipline. What began as a curiosity over 50 years ago has blossomed into a new mathematical science of information processing and communication that has advanced almost every field.

As one of the oldest Computer Science departments in the country, we are proud to have played a role in this advancement and are relentless in our ongoing dedication to the development of the subject through our innovative teaching and research. Housed in a purpose-built, state-of-the-art, energy-efficient building, you'll find extensive facilities including computing laboratories, an independent subject library with modern learning spaces, a full wireless network and dedicated laboratories for specialist teaching.

The School is an internationally-renowned research department in the top echelon of recommended institutions and league tables, with its courses consistently rated as excellent. In the last QAA (Quality Assurance Agency) review, Computer Science teaching received the highest possible ratings and all appropriate courses are accredited by the British Computer Society (BCS) and the Institution of Engineering Technology (IET).

The [Computer Science](#) degree will provide you with a sound knowledge in all kinds of computational systems, their theory, design, development and application. This includes programming languages, software engineering, artificial intelligence, operating systems, databases, nature-inspired computation, distributed systems, robotics, human-computer interaction and the theory of computation. Our undergraduate programme incorporates concepts from fields as diverse as mathematics, engineering, linguistics and psychology. In addition, we develop important personal attributes such as independent study and research techniques, group working and writing and presentation skills.

The School is home to one of Europe's leading Artificial Intelligence centres and offers a degree in [Computer Science and Artificial Intelligence \(AI\)](#) which connects computing with psychology, neuroscience, philosophy, mathematics and linguistics to build intelligent machines and study the nature of the mind. AI technologies can be seen in various areas of

commerce and society, such as in banking systems that detect credit card fraud, robotic surgery medical diagnosis and space exploration. Therefore many of our graduates enjoy lucrative careers in a wide range of industries, the public sector and research.

The [Computer Science and Business Management](#) degree is offered in collaboration with the Business School with two-thirds of your time in Computer Science. The programme provides you with technical computing skills and sound business knowledge for a successful career in management, sales or marketing, as well as the skills to support entrepreneurial initiatives.

[Software Engineering](#) is an academically challenging subject that enables you to lead the development of large software systems used throughout commerce and industry. You will acquire the knowledge and skills needed to develop systems used in medicine, air traffic control systems, cryptographic systems for banking, satellite control for telecommunications, and of course, the internet. You can choose to continue your study to achieve MEng after four years.

Teaching and assessment

Our teaching employs a mixture of lectures, tutorials, exercise classes, practical work, projects, and independent study all aimed at strengthening your understanding by active involvement.

Career prospects

Many of our graduates go directly into employment in the technology or business sectors, with a high percentage finding full-time employment within six months of graduating. Our degrees are structured to 'future-proof' your training through emphasis on fundamental science and principles that will serve well as a basis for career-long development – providing a rewarding career in teaching and research, as well as in industry.

**Joint
Honours
available**
see pages 64–65

Programmes of study	UCAS code	Typical offer			Places 2010	Apps 2008
		A level	GS	IB		
Single Honours						
Computer Science programmes						
BSc Artificial Intelligence and Computer Science	GG47	ABB	✓	30-34	80	781
BSc Computer Science	G400	ABB	✓	30-34		
BSc Computer Science with Business Management	G4N1	ABB	✓	30-34		
BEng/MEng Computer Science/ Software Engineering	GG46	AAB	×	32-36		

Joint Honours – see pages 64–65 for subject combinations

- BSc Computer Science
- BSc Computer Studies

Computer Science programmes are also available as part of the Natural Sciences programme – see pages 122–123 for details

Please note: typical duration for a BEng/BSc honours degree is three years. This can increase to four if you include an industrial placement, study abroad, include a modern language or follow MEng programmes. Please note typical offer grades are for guidance only, and will depend on the subjects you are combining. Other qualifications considered – see the entry requirements section on page 158 for full information.

Contact details

School of Computer Science

Dr William Edmondson
t +44 (0)121 415 8742
e ug-admissions@cs.bham.ac.uk

www.cs.bham.ac.uk

Essential information

- GG47 and GG46 require at least one science subject at A level or equivalent (typically Mathematics, Physics or Computing)
- All programmes require a minimum of GCSE Mathematics at grade B
- The MEng degree has full accreditation from relevant professional bodies providing exemption from further exams for Chartered Engineer status
- It is desirable, but not essential, to have some experience of writing computer programs



Full details on all courses can be found at www.undergraduate.bham.ac.uk

School of Electronic, Electrical and Computer Engineering

Teaching in the School of Electronic, Electrical and Computer Engineering has scored top marks in the most recent Teaching Quality Assessment and 85% of its research was judged to be of international standing in the 2008 Research Assessment Exercise.

Housed in a newly-refurbished building with dedicated state-of-the-art teaching and research facilities, the School has a strong commitment to interdisciplinary research and boasts an annual research fund of more than £3 million a year. This means that wherever your interest lies, you can be sure you'll be taught by experts in the field.

In 2008, the Institution of Engineering and Technology (IET) confirmed full accreditation of our courses, allowing you to take the first steps towards professional Chartered Engineer status. The Electrical and Energy Engineering degree is also accredited by the Energy Institute.

The School's undergraduate programme is organised into three disciplines:

Computer and Communication Systems Engineering

Communications systems such as the internet, mobile phones and digital TV have revolutionised the lives of businesses and individuals. These systems will continue to evolve at an astonishing pace in the 21st century. Programmes in this discipline equip you to play a leading role in these technologies.

Computer and Interactive Systems

Mobile multimedia devices are revolutionising modern life. Everyday devices from watches to refrigerators are being connected to the internet to offer new services such as location-based information or automatic ordering of goods. Interactive technologies like virtual reality and online gaming are being applied to aerospace training, telemedicine, advanced surgery, tourism and archaeology. Our courses in this area provide the professional training required to design these systems.

Electronic and Electrical Engineering

Technological systems invented, designed and managed by electronic and electrical engineers have enormous influence on our daily lives, our environment and our social interaction. These programmes provide a solid grounding in the underlying physical and mathematical principles, interleaved with a thorough overview of electronic technology and its applications.

Whichever discipline you choose to study in, you have the option of a year long industrial placement. MEng students also have the opportunity to spend their third year in a prestigious university overseas. Full details of what the school can offer you can be found at www.eece.bham.ac.uk

Teaching and assessment

The course modules are taught through lectures, tutorial problem classes, and laboratory and/or project work. You will be assessed through a mixture of written examinations and continually assessed coursework. As your degree progresses, you will attend less lectures and perform more practical work in preparation for your final year project.

Career prospects

These programmes, accredited by the Institution of Engineering and Technology, provide an excellent preparation for rewarding professional careers in the electronics, computing, telecommunications and energy industries. The mathematical, computing and management skills gained also provide career opportunities in financial services and consultancy.

Programmes of study	UCAS code		Typical offer			Places 2010	
	A level	GS	IB	Places 2010	Apps 2008		
Single Honours				45	655		

Computer and Communication Systems Engineering programmes

BEng/MEng Communication Systems Engineering	H621	AAB-ABB	×	32-36	
BEng/MEng Communication Systems Engineering with Business Management	H640	AAB-ABB	×	32-36	
BEng/MEng Computer Systems Engineering	H602	AAB-ABB	×	32-36	
BEng/MEng Computer Systems Engineering with Business Management	H1NC	AAB-ABB	×	32-36	
BEng/MEng Electronic and Software Engineering	GH66	AAB-ABB	×	32-36	

Computer Interactive Systems programmes

BEng/MEng Computer Interactive Systems	GH46	AAB-ABB	×	32-36	
BEng/MEng Computer Interactive Systems with Business Management	G9NC	AAB-ABB	×	32-36	

Electronic and Electrical Engineering programmes

BEng/MEng Electrical and Energy Engineering	HH68	AAB-ABB	×	32-36	
BEng/MEng Electronic and Communications Engineering	H642	AAB-ABB	×	32-36	
BEng/MEng Electronic and Computer Engineering	H690	AAB-ABB	×	32-36	
BEng/MEng Electronic and Electrical Engineering	H600	AAB-ABB	×	32-36	
BEng/MEng Electronic and Electrical Engineering with Foundation Year	H608	AAB-ABB	✓	32-36	
BEng/MEng Electronic Engineering	H601	AAB-ABB	×	32-36	
BEng/MEng Electronic Engineering with Business Management	HN61	AAB-ABB	×	32-36	

Please note: typical duration for a BEng honours degree is three years. This can increase to four if you include an industrial placement, study abroad, include a modern language or follow MEng programmes. Please note typical offer grades are for guidance only. Other qualifications considered – see the entry requirements section on page 158 for full information.

Contact details

School of Electronic, Electrical and Computer Engineering

Dr Tim Collins

t +44 (0)121 414 4295

e uga-eece@bham.ac.uk

www.eece.bham.ac.uk

Essential information

- Computer Interactive Systems courses require you to have at least one science or technology A level. Mathematics A or AS level preferred but not required: if no Mathematics A level or AS level is offered, Mathematics GCSE grade A is the minimum required
- All other courses require Mathematics A level grade B and at least one physical science A level
- IB students must have both Mathematics and at least one physical science at HL
- Typical offer for the Foundation degree depends on your previous study; see online entry for details



Full details on all courses can be found at www.undergraduate.bham.ac.uk

School of Mathematics

With around 50 academic staff, 12 postdoctoral research staff and 60 research students, the School of Mathematics is one of the largest mathematics departments in the country.

The School undertakes world class research in pure mathematics and in applied mathematics. There are flourishing research groups in group theory, analysis, graph theory and combinatorics, fluid mechanics, statistics, optimisation, numerical analysis and computation, and mathematical analysis.

The School is committed to teaching excellence and was one of only two mathematics departments to be awarded full marks in the last national Assessment of Quality in Education (AQE). It has recently created a new Mathematics Learning Centre, and the national Higher Education Academy Maths, Stats and OR Network is housed in the School.

In many of our programmes, you have the option of extending your study for a further year to obtain an MSci qualification. The MSci is ideal if you are considering entering research or have a career in mind which requires specific skills. The choice of BSc or MSci is made at the end of your second year.

Teaching and assessment

The typical module is taught by a mixture of lectures and classes, which range from weekly small tutorials with a personal tutor, to larger examples classes with a lecturer and several teaching assistants. Assessment usually involves a mixture of continuous assessment during semesters and a formal examination in the summer.

Career prospects

Mathematics graduates are in huge demand in a wide range of careers so a degree in mathematics is an excellent qualification whether or not you already know what you want to do. Graduates from Birmingham have gone on to work in areas including accountancy; actuarial science; city fund management; business analysis; police statistics; computer analysis; local government; tennis coaching; defence research; medical research; teaching; management consultancy; national security; and mathematical research.

Joint Honours available
see pages 64–65

Programmes of study	UCAS code	Typical offer			Places 2010	Apps 2008
		A level	GS	IB		
Single Honours						
Mathematics programmes					150	886
BSc Mathematics	G100	AAB	×	32–34		
BSc/MSci Mathematics	G103	AAA	×	34–36		
BSc Mathematics with Study in Continental Europe	G141	AAA	×	34–36		
BSc Mathematics Foundation Year	G101	●	✓	●		
Joint Honours – see pages 64–65 for subject combinations						
BSc/MSci Mathematics and Computer Science	GG14					
BSc/MSci Mathematics and Sports Science	GC17					
BSc/MSci Pure Mathematics and Computer Science	GGC4					
BSc/MSci Theoretical Physics and Applied Mathematics	FG31			See page 107 for details		
Major/Minor programmes						
BSc/MSci Mathematical Engineering	J920	AAB	×	32–34		
BSc/MSci Mathematics with Business Management	G1N2	AAA–AAB	×	34–36		
BSc Mathematics with Philosophy	G1V5	AAA–AAB	×	34–36		
BSc Mathematics with Psychology	G1C8	AAB–ABB	×	32–34		

● Offers are by individual consideration – please contact us to discuss your situation

Mathematics programmes are also available as part of the Natural Sciences programme – see pages 122–123 for details

Please note: typical offer grades are for guidance only and will depend on the subjects you are combining. Other qualifications may be considered – please see ‘entry requirements’ on page 158 for further information. Duration of programmes is normally three years; four years if you are following the MSci programme or combining with a year abroad or industrial placement – see individual course entry on the website for full details.

Contact details

Mathematics

Dr Chris Sangwin
t +44 (0)121 414 7404
e maths@bham.ac.uk

Joint honours

Dr Craig Blunt
t +44 (0)121 414 5495
e jointhonours@bham.ac.uk

www.mat.bham.ac.uk

Essential information

- You must have A level Mathematics at grade A; Further Mathematics at A or AS level is not required, but would be advantageous
- IB students should have 6 points in Mathematics at HL; SL Further Mathematics is not required but would be advantageous
- G141 applicants also require a modern language A level (grade C), AS level (grade B) or GCSE (grade A)
- J920 applicants also require one of A level Physics, Chemistry or Design Technology at grade B; IB should include 5 points in either Physics or Chemistry at HL



Full details on all courses can be found at www.undergraduate.bham.ac.uk

School of Mechanical Engineering

Mechanical Engineering applies engineering science to solving problems of current and future importance to industry and society. The School takes an active role in passing this expertise to future generations of mechanical engineers.

The School provides an excellent environment for studying Mechanical Engineering, with newly-commissioned laboratories supporting industry-standard techniques such as computer aided design (CAD), finite element analysis (FEA) and computational fluid dynamics (CFD).

Research in the School, ranked as world class in the 2008 Research Assessment Exercise (RAE), is organised into three areas – bio-medical and micro engineering; manufacturing processes, technology and modelling; and vehicle technology. It is home to one of the UK's leading Microsystems and Nanotechnology research centres, creating minute solutions with important applications in surgery.

Students also get the chance to work on UBRacing – our own Formula Student racing team which competes throughout the world.

Programmes in mechanical engineering have a common first two years that introduce the basic tools of mechanical engineering theory through six themes of study – mechanical power; electro-mechanics; design; analytical methods and manufacturing. Subsequent years will see you studying advanced techniques and specialising in your chosen field – students on Mechanical Engineering (Automotive) study vehicle design and manufacture; Biomedical students study a variety of biomedical engineering topics in depth, such as clinical physics, medical device design and rehabilitation engineering. Your final year includes a major individual project linked to your chosen area of specialisation.

Engineering programmes introduce you to fundamental engineering science, design and mathematical modelling. Subsequently you pursue four integrated themes of study that progressively develop your abilities, including manufacturing technology, operations management, computational methods and design and ergonomics.

Teaching and assessment

You will be taught through a mixture of lectures and continuous assessment exercises including laboratory practicals, class tutorials and case studies.

Career prospects

Over 90% of our students find suitable employment within five months of graduation. The broad range of skills provided enables you to be qualified for a successful career in a number of disciplines, including car design, the aerospace industry and food and consumer products.

Programmes of study	UCAS code	Typical offer			Placements 2010	Appss 2008
		A level	GS	IB		
Single Honours						
Mechanical Engineering programmes					73	811
BEng/MEng Engineering with Business Management	H1ND	AAB	×	34-36		
BEng/MEng Mechanical Engineering	H300	AAB	×	34-36		
BEng/MEng Mechanical Engineering (Automotive)	H302	AAB	×	34-36		
BEng Mechanical Engineering (Biomedical)	HC37	ABB	×	34-36		
MEng Mechanical Engineering (Biomedical)	HC3R	AAB	×	34-36		
BEng/MEng Engineering with Business Management with Foundation Year	H3N1	AAB	×	34-36		
BEng/MEng Mechanical Engineering with Foundation Year	H391	AAB	×	34-36		

Contact details

School of Mechanical Engineering
 Dr Robert J Cripps
 t +44 (0)121 414 4230
 e mfg-mech-admissions@bham.ac.uk

www.eng.bham.ac.uk/mechanical

Please note: typical offer grades are for guidance only. Other qualifications considered – see the entry requirements section on page 158 for full information. Duration of programmes is normally three years; four years if you choose to study MEng programmes or take a year abroad or industrial placement – see individual course entry on the website for full details. The Foundation programmes are designed for applicants who have good grades but do not have the required A level or IB HL subjects needed for entry into year 1 of our BEng/MEng programmes.

Essential information

- For all programmes apart from the Foundation Years, A levels must include grade B in Mathematics; for Mechanical Engineering programmes this must also include an applied/mechanics element – if not, Physics must be offered plus a science (Physics preferred but Chemistry, Design and Technology or Further Mathematics are acceptable); other science A levels may be considered
- IB points must include Mathematics at HL and at least one from Physics at HL, Chemistry at HL, Design Technology at HL; other sciences may be considered at HL
- Typical offers for the Foundation degree depends upon your previous study and should include GCSE Physics and Chemistry or Science double award at grade C; GCSE Mathematics at grade B, plus three A levels



School of Metallurgy and Materials

Metallurgy and Materials at Birmingham (including the IRC in Materials Processing) is the largest centre for materials research in the UK. The School is dedicated to providing an understanding of how materials behave and how they can be used and improved.

The School has a distinguished and diverse research culture, ranging from fundamental aspects of materials science to practical high performance engineering applications. With a research income of around £4 million per year and active collaboration with industrial partners, the quality of our research has been confirmed by outstanding performances in successive Research Assessment Exercises.

Our distinguished research culture feeds directly into our range of undergraduate degree programmes. Close collaboration with industry not only enables you to gain valuable work experience by taking industrial placements, but also helps you to fund your studies through generous scholarships.

Our undergraduate programmes are divided into three distinct fields of specialisation – metallurgy and materials, mechanical and materials engineering, and sports science.

Metallurgy and materials provides an understanding of how materials behave, and how they can be used and improved – essential to the development of new products and the practical realisation of new scientific phenomena.

Mechanical and materials engineering combines the design skills of mechanical engineering with an in-depth knowledge of materials engineering, so that, on graduation, you are able to create innovative and cutting-edge designs, which make the best use of materials.

Sports and materials science devotes its attention to enabling athletes to select the best equipment for success in all conditions. This programme in Sports and materials science provides you with an understanding of design and materials in sports equipment in relation to the athlete's behaviour during sport and exercise that is essential to peak performance.

We help and encourage you to gain work experience in a laboratory or an engineering firm. Industrial experience increases your employability, helps you to choose your career path and increases your motivation to succeed in your chosen profession. This could be a placement between your second and third years, a single semester of an MEng fourth year or a summer vacation job.

Teaching and assessment

You will be taught through a mixture of lectures and continuous assessment exercises including laboratory practicals, class tutorials and case studies.

Career prospects

Our many close industrial links mean that your employment prospects are excellent. On graduation you will have the specialist knowledge, understanding and transferable skills needed to fulfil a challenging and rewarding career in any industry making or using materials.

Contact details

School of Metallurgy and Materials

Dr Alison Davenport

t +44 (0)121 414 5235/5175

e met-admissions@bham.ac.uk

www.eng.bham.ac.uk/metallurgy

Programmes of study	UCAS code	Typical offer			Places 2010	Apps 2008
		A level	GS	IB		
Single Honours						
Metallurgy and Materials programmes					52	220
BEng/MEng Materials Science and Energy Engineering	JH58	ABB	✘	32		
BEng/MEng Materials Science and Engineering with Business Management	J5NC	ABB	✘	32		
BEng/MEng Materials Science and Technology/Materials Engineering	J5F2	ABB	✘	32		
BEng/MEng Mechanical and Materials Engineering	HJ35	ABB	✘	32		
BEng/MEng Metallurgy and Materials with Foundation Year	JJF5	BCC	✘	26		
BEng/MEng Metallurgy/Materials Engineering	JJ25	ABB	✘	32		
BSc Sports and Materials Science	CF62	BBB	✘	30		

Please note: typical offer grades are for guidance only. Other qualifications considered – see the entry requirements section on page 158 for full information. Duration of programmes is normally three years; four years if you choose to study MEng programmes or take a year abroad or industrial placement – see individual course entry on the website for full details.

Essential information

- Metallurgy and Materials courses (JJ25, J5F2, JH58, J5NC) require Mathematics and one of Physics, Design and Technology or Chemistry grade B at A level; IB requires Mathematics and one of Physics, Chemistry or Design and Technology HL 6 points
- Any subjects will be considered for the Foundation Year, but preference is given to candidates with a good performance in Mathematics and science subjects at GCSE or equivalent
- Mechanical and Materials Engineering (HJ35) requires Mathematics and Physics at grade B A level; IB requires Mathematics and Physics at HL 6 points
- Sports and Materials Science (CF62) requires A level grade B from Mathematics, Biology, Chemistry, Physics, Design and Technology or PE/Sports Science; IB requires one of Mathematics, Physics, Chemistry, Design Technology or Biology at HL 6 points

Full details on all courses can be found at www.undergraduate.bham.ac.uk

School of Physics and Astronomy

The School of Physics and Astronomy is one of the largest in the country, with internationally renowned research groups in many frontier areas of physics: from particle physics, through cold atoms and nanoscale physics, to astronomy and cosmology.

Studying physics will provide you with an understanding of the fundamental rules that govern the nature of matter in the universe, and a proficiency in the techniques of scientific problem-solving that underpin this knowledge.

The rules are those of quantum mechanics and relativity that were developed nearly a century ago and provided an understanding of the behaviour of matter (chemistry and materials, for example). Building on this, amazing new subjects such as nanoscale physics have emerged, making it possible to study matter in the extreme conditions: near absolute zero, new phenomena have recently been discovered making 'cold atomic' physics one of the hottest areas of fundamental research, with enormous technological potential.

The same rules of quantum mechanics and relativity are able to describe the amazing discoveries being made far out in the cosmos and deep in the heart of matter. We are heavily involved in experiments at the Large Hadron Collider at CERN, the most complex machine ever built, that will be recreating and examining conditions that existed when the universe was less than a millionth of a second old.

Being a leading research university in all these fields is important because the quality of teaching is driven by research: the funding that accompanies big research has resulted in increased staff involvement in small-group teaching and final year projects usually involve joining one of our research groups.

Physics and Astrophysics

In this option, the basic Physics programme is reinforced by astronomy labs and projects; we have our own professionally instrumented University Observatory. Topics include stellar interiors, colliding galaxies, and supermassive black holes.

Physics with Nanoscale Physics

Nano-metre scale architectures, where quantum physics dominates, are at the heart of the science and technology of the 21st century. This programme mixes basic physics with cutting-edge research, aiming to produce a new generation of scientists equipped to define the future of this field.

Physics with Particle Physics and Cosmology

Here you will gain an understanding of nature's fundamental particles, the way they interact with each other, and the role they have played, and continue to play, in the evolution of the universe.

Theoretical Physics/Theoretical Physics and Applied Mathematics

Here you will explore the scope of physics (from quantum to cosmic, with the possibility of opting out of laboratory work) with an emphasis on how mathematics – the language of the universe – underpins and interconnects the subject. If you are undecided between a physics or a maths degree then TPAM provides versatility – you can decide later.

For details of all our programmes see www.ph.bham.ac.uk/admissions/ug/schoolbooklet0910.pdf

Career prospects

The problem-solving techniques developed in our physics programmes prepare our students not only for research work in universities and technology-based industries, but also for careers in such diverse areas as the financial sector, consultancy and even patent law.

Scholarships and bursaries

Awards for academic excellence (£5,000 pa), financial hardship, sports, music and other activities are on our website:

www.ph.bham.ac.uk/admissions/scholarships.shtml

Joint Honours available
see pages 64–65

Programmes of study	UCAS code		Typical offer		Places 2010	
	A level	GS	IB	Places 2010	Apps 2008	
Single Honours					100	525
BSc Physics	F300*	ABB	×	32–36		
MSci Physics	F302	AAB	×	32–36		
BSc Physics and Astrophysics	FF35*	ABB	×	32–36		
MSci Physics and Astrophysics	FFH5	AAB	×	32–36		
BSc Physics and Astrophysics (International Study)	FF3M	ABB	×	32–36		
BSc Physics (International Study)	F301	ABB	×	32–36		
MSci Physics (International Study)	F303	AAB	×	32–36		
BSc Physics with Business Management	F3N1*	ABB	×	32–36		
MSci Physics with Business Management	F3NC	AAB	×	32–36		
MSci Physics with Nanoscale Physics	F392	AAB	×	32–36		
BSc Physics with Particle Physics and Cosmology	F372*	ABB	×	32–36		
MSci Physics with Particle Physics and Cosmology	F373	AAB	×	32–36		
BSc Theoretical Physics	F342*	ABB	×	32–36		
MSci Theoretical Physics	F343	AAB	×	32–36		
BSc Physics Foundation Year	F304	●	×	●		
Joint Honours – see pages 64–65 for subject combinations						
BSc/MSci Theoretical Physics and Applied Mathematics	FG31	AAB-ABB	×	32–36		

*F300, FF35, F3N1, F372 and F342, there is an option to take an intercalated year in Computer Science; use your chosen code and put 'computer' in the 'choices' section of your UCAS application form.

Physics can also be studied as part of the Natural Sciences programme – see page 122–123 for details

Please note: typical offer grades are for guidance only, and will depend on the subjects you are combining. Other qualifications considered – see the entry requirements section on page 158 for full information.

● Offers for the Foundation Year are based upon your previous experience and qualifications – please contact the admissions tutor for advice.

Contact details

School of Physics and Astronomy

Dr Gron Tudor Jones

Miss Rachel Brown

t +44 (0)121 414 4563

e physics-adms@bham.ac.uk

www.ph.bham.ac.uk

Essential information

- A level Mathematics and Physics required at grade AA or AB (grade B in either subject)
- For International Study programmes you must have basic proficiency in your chosen language of at least GCSE grade B
- IB points must include Mathematics and Physics at HL



Full details on all courses can be found at www.undergraduate.bham.ac.uk

College of Life and Environmental Sciences

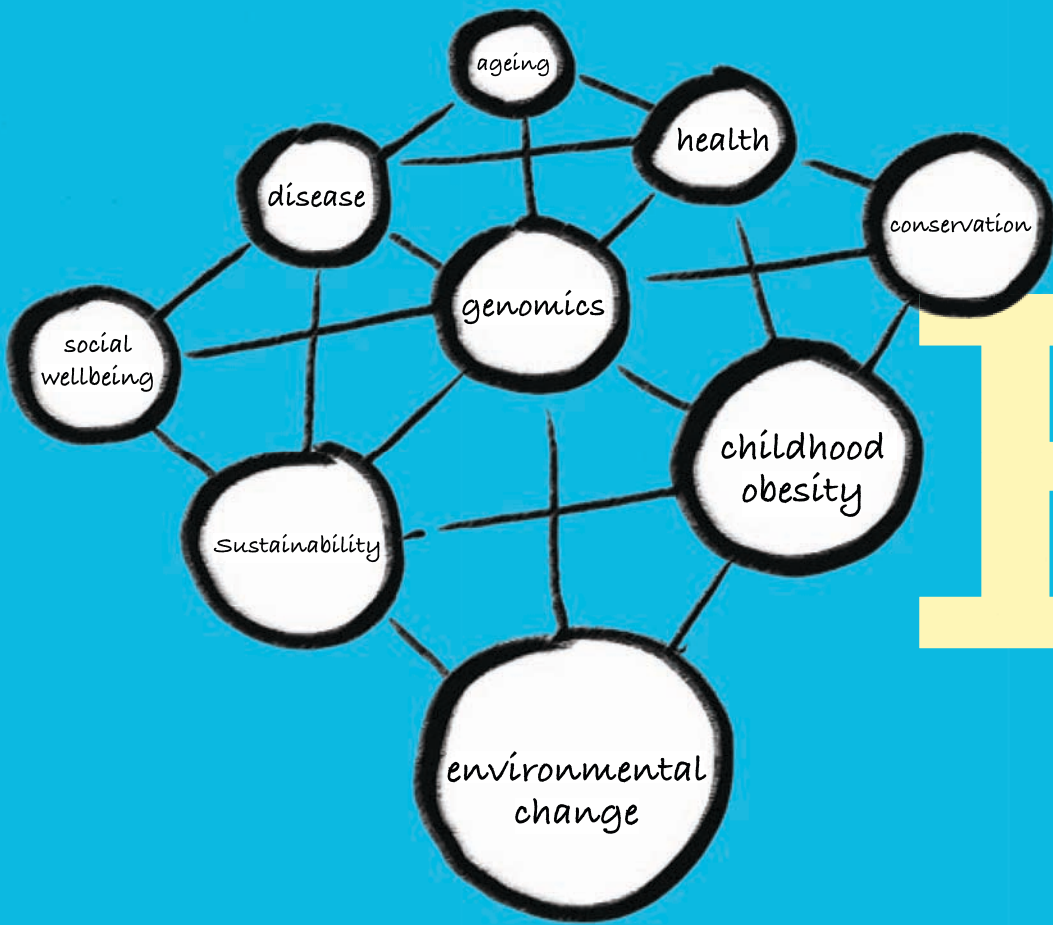


There's never been a more exciting time for the life and environmental sciences. They are essential for resolving major issues that face us, including environmental change, sustainability, ageing, and health and disease.

Professor Malcolm Press

Head of the College of Life and Environmental Sciences

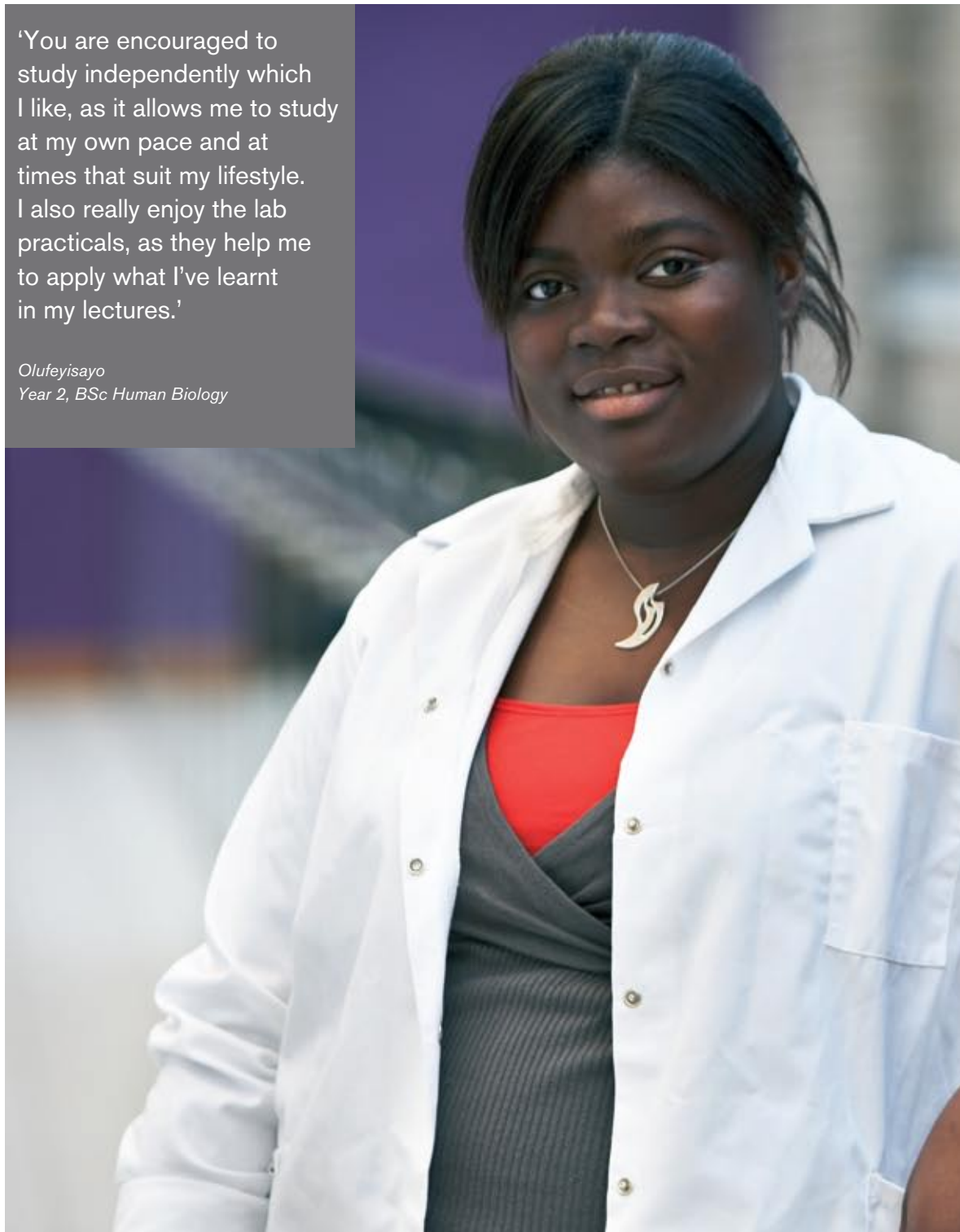
Shape ideas.



B

'You are encouraged to study independently which I like, as it allows me to study at my own pace and at times that suit my lifestyle. I also really enjoy the lab practicals, as they help me to apply what I've learnt in my lectures.'

Olufeyisayo
Year 2, BSc Human Biology



School of Biosciences

Welcome to a large and friendly department with internationally recognised research groups working on a broad range of topics in the life sciences.

The School offers a broad, flexible range of programmes that let you tailor your studies to meet your individual goals. Teaching draws from the School's highly regarded research in exciting projects such as the search for new drugs and vaccines for use against TB, and the evolution of bipedalism in humans.

Teaching is supported by well-equipped laboratories where you gain hands-on experience across the range of the Biosciences. For those with an interest in organisms in their environment we have exciting fieldwork opportunities, which include field courses in Brazil, Florida and Norway. In your final year you will be able to work with one of our research groups and will have access to leading-edge facilities including: a specialist functional genomics and proteomics lab; electron microscopes and NMR machines, and a nature reserve with 300 nest boxes.

Biochemistry

'Biology in the test tube': allied with chemistry, biology, medicine and computer sciences, biochemistry makes an impact on many fronts and offers graduates exciting and varied careers. The course combines practical work and theory allowing you to develop a wide range of skills and knowledge.

Biological Sciences

Biological Sciences provides you with an understanding of the origins of life, how organisms function and how they interact in the natural environment. Our flexible degree programmes offer you a thorough grounding in the biological sciences and the opportunity to follow your own interests as you move through the course.

Human Biology

To be a successful human biologist requires the development of a broad understanding of biological principles. Our Human Biology programme reflects these requirements by beginning with studies of core areas of Biology with increasing emphasis on human biology as the course progresses.

Teaching and assessment

You will be taught in lectures, individual and small group tutorials, laboratory and computer classes. Laboratory-based practical work is an integral part of our degree programme: in the first year you will learn many basic practical skills and have the chance to apply them in a range of investigations. Later, you will gain experience of important research skills. As well as formal examinations each summer you will do a wide range of assessments including essays or reports, data handling or interpretation exercises, poster presentations, seminar presentations, group work and lab reports.

Career prospects

When you graduate you will have the necessary knowledge and skills for a challenging and fulfilling career in a wide range of professions, including working in the pharmaceutical or food industries, medical research, forensic science, toxicology, teaching, business and IT. A growing number of our graduates proceed to graduate-entry programmes in medical schools across the country.

Visit the school home page: www.biosciences.bham.ac.uk

Programmes of study	UCAS code	Typical offer			Places 2010	Apps 2008
		A level	GS	IB		
Single Honours						
Biochemistry programmes					75	509
BSc Biochemistry	C700	ABB	✘	33		
MSci Biochemistry	C703	AAB	✘	34		
BSc Medical Biochemistry	C720	ABB	✘	33		
BSc Biochemistry (Genetics)	CC74	ABB	✘	33		
BSc Biochemistry with Biotechnology	C7J7	ABB	✘	33		
BSc Biochemistry with Molecular Cell Biology	C7C1	ABB	✘	33		
BSc Biochemistry with Professional Placement	C7Q2	ABB	✘	33		
BSc Biochemistry with Study in Continental Europe	C7O1	ABB	✘	33		
Biological Sciences programmes					100	671
BSc Biological Sciences	C100	BBB	✘	32		
MSci Biological Sciences	C105	AAB	✘	34		
BSc Biological Sciences (Biotechnology)	J700	BBB	✘	32		
BSc Biological Sciences (Environmental Biology)	C150	BBB	✘	32		
BSc Biological Sciences (Genetics)	C400	BBB	✘	32		
BSc Biological Sciences (Microbiology)	C500	BBB	✘	32		
BSc Biological Sciences (Plant Biology)	C200	BBB	✘	32		
BSc Biological Sciences (Zoology)	C300	BBB	✘	32		
BSc Biological Sciences with Professional Placement	C102	ABB	✘	33		
BSc Biological Sciences with Study in Continental Europe	C101	BBB	✘	32		
Human Biology programmes					75	275
BSc Human Biology	C103	BBB	✘	32		
MSci Human Biology	C106	AAB	✘	34		
BSc Human Biology with Professional Placement	C104	ABB	✘	33		

Some Biosciences programmes are also available as part of the Natural Sciences programme – see pages 122–123 for details

Contact details

School of Biosciences

Dr Julia Lodge

t +44 (0)121 414 5922

e biosciences-admissions@bham.ac.uk

Please note: It is not necessary to apply separately for specialisations within the three-year degree programme because selection criteria are identical to the main degree programme – please look online for further details. Typical offer grades are for guidance only, and will depend on the subjects you are combining. Other qualifications considered – see entry requirements on page 158. Programmes are normally three years; four if you choose to study MSci programmes or take a year abroad or professional placement.

Essential information

- You will normally need two science A levels including Biology for Biological Sciences and Human Biology and Chemistry for Biochemistry programmes
- Your second science can be Biology/ Human Biology, Chemistry, Mathematics, Physics, Psychology, Geography, Geology and Sports Science
- Entry requirements for individual bioscience programmes vary considerably and minimum GCSE requirements in Biology, Chemistry and Mathematics apply if these subjects are not offered at A or AS level – please refer to specific course entries online before applying
- GCSE grade B minimum in an appropriate modern foreign language is required for programmes with study in continental Europe
- IB students must include Chemistry or Biology (as appropriate, see A level requirements) and one other science at HL



School of Geography, Earth and Environmental Sciences

The School achieves international excellence in teaching and research, building on the foundations of its subjects at Birmingham, where geology was first offered in 1881 and geography in 1924.

Our exciting undergraduate programmes are informed by innovative, leading-edge research. All aspects of subjects are covered as students progress from the basics to topics of global importance such as increasing populations, decreasing natural resources, and the economic and environmental effects of climate change.

Teaching is supported by extensive map and archive facilities, an environmental library, specialist computer clusters, a digital drawing office and dedicated, state-of-the-art laboratories for studying groundwater, sedimentology, ecology, palaeobiology and environmental chemistry. We are also home to the nationally important Lapworth Museum of Geology.

Earth Sciences (Geology)

Earth Sciences (Geology) studies the planet Earth, from the past, present and looking to the future. Whether it's unravelling the disappearance of the dinosaurs, finding acceptable methods of

waste disposal or monitoring and even predicting earthquakes or volcanic eruptions, geology plays a key role.

We offer the following single-honours specialisms at undergraduate level:

- **Geology** deepens your understanding of Earth processes and materials, and concentrates on the acquisition of a range of specialist skills.
- **Resource Applied Geology** explores mineral exploitation and exploration, along with the geologist's role in construction programmes, land remediation and water resource management.
- **Environmental Geoscience** investigates pollution of water resources, climate change and human impact on the environment.



Common to these three BSc/MSci programmes is a core first year that provides a solid foundation in all aspects of geology, including global processes, mineralogy, Earth history, field studies and the fossil record. Once you have completed this first common year, you choose your specialism and at the end of the second year, you can choose to complete the three year BSc programme, or to study a further year for the award of MSci.

Each of these programmes can also be studied as an MSci with an international year, where you spend a third of your degree at a partner institution in North America or Australasia.

□ **Palaeobiology and Palaeoenvironments** is a new three year BSc programme which examines the history of life from geological and modern perspectives. You will be given the opportunity to specialise in evolutionary or ecological streams in the later stages of the course.

Our undergraduate programme also offers two Joint Honours degrees:

□ **Geology and Geography** will be of interest to students interested in the physical side of geography, emphasising the common ground between physical geography and the Earth sciences, drawing upon a variety of approaches to explain the way in which the surface of the Earth is shaped.

□ **Geology and Archaeology** is an imaginative programme that brings together the history of the human race with that of our home planet. Geology studies Earth from its core, through the deepest oceans to the highest mountains, while archaeology considers the development of humankind, its culture and its relationship with the environment.



Environmental Science and Management

Increasing awareness of the consequences of environmental degradation and human population growth, together with the need to conserve biodiversity and ensure the sustainability of human activities, is increasing demand for specialists capable of solving environmental problems. Our degrees in Environmental Science and Environmental Management address this need. Each programme introduces key subject areas before offering you the chance to specialise in your area of interest. Field courses in both the UK and overseas are central to the programme. Our programmes will develop your skills in data analysis, research techniques, team work and oral and written communication.

We offer three single-honours courses at undergraduate level:

- **Environmental Management (F851)** emphasises the importance of understanding socio-economic processes, linked to the basic principles of environmental science, in order to understand the nature of human interactions with the environment.
- **Environmental Science (F900)** is the systematic study of interactions between physical, chemical and biological processes in the environment and their application to the resolution of environmental problems.
- **Environmental Science with a Professional Placement Abroad (Australasia) (F850)**. If the idea of undertaking the Environmental Science degree with vocational study in Australia or New Zealand appeals to you, we offer a four year degree programme based on our three year degree in Environmental Science (F900).

During your first year you will study the principles of Environmental Science and Management from both a scientific and social perspective. In your second year a

combination of core and optional modules will enable you to tailor the course to develop skills in the areas that interest you. After the second year, you have the option to take a year out in industry or with the Environment Agency. With the four year degree (F850), you will undertake a nine-month research placement with an organisation such as the National Institute of Water and Atmosphere in New Zealand and acquire vocational skills that will enhance your degree.

Your final year features an independent research exercise, supervised by a member of staff, in which you design, implement and analyse a research project of your own choosing. Many of our graduates complete this project overseas (for example; in Lapland, Pyrenees, Alps or Alaska) in association with our many research groups.

Geography

Geography at Birmingham combines a sound academic training with an insight into practical, social, economic and environmental issues. Whether you choose to follow the BA or BSc programme, all module choices will be open to you, allowing you to select from the widest possible choice as your interests develop. As one of the UK's largest Geography departments, we offer a wide range of specialisms and excellent facilities, including state-of-the-art water quality and isotope facilities, microscope rooms, a map library containing over 200,000 maps from all over the world and our new Earth Imaging Laboratory.

The modular Geography programmes allow you the flexibility to develop your own interests without channelling you into decisive choices too early. Your first year will provide you with the main principles of human and physical geography, global environmental issues and practical skills using Birmingham as a real-world laboratory. Your second year will introduce you to specialist techniques such as computer cartography

and the use of databases and spreadsheets. You will learn how to develop a research proposal and advanced fieldwork skills are provided by courses held in European centres.

Geography combines well with a number of subjects in the Joint Honours scheme (see page 64–65 for subject lists) and students that combine with a modern language will undertake a year abroad between their second and fourth years.

Teaching and assessment

Courses in the School involve various practical work components and fieldwork is a crucial part of your degree programme. A variety of teaching methods are used including lectures, tutorials, seminars, laboratory classes, residential field courses

and computer-assisted learning lessons. You will be assessed through examinations, projects and dissertations, group projects, class tests, field reports and poster presentations.

Career prospects

The interdisciplinary skills that our programmes provide are in demand from a number of employers throughout the environmental industries, resource industries and beyond. Previous graduates have found successful careers in petroleum geology, hydrogeology, waste disposal, pollution control, or environmental management. More diverse careers are also available in consultancy, sales, the media, education, finance, IT and law.



Joint Honours available
see pages 64–65

Programmes of study	UCAS code	Typical offer			Places 2010	Apps 2008
		A level	GS	IB		
Single Honours					255	1,545
Geography programmes						
BSc Geography	F800	ABB	✓	32–34		
BA Geography	L700	ABB	✓	32–34		
Environmental Science programmes						
BSc Environmental Science	F900	BBB	✓	30–32		
BSc Environmental Science with a Professional Placement Abroad (Australasia)	F850	AAB	✗	34–36		
BSc Environmental Management	F851	BBB	✓	30–32		
Earth Sciences (Geology programmes)						
BSc/MSci Geology	F600	ABB–BBC	✓	28–34		
MSci Geology with an International Year	F601	AAA	✗	34–38		
BSc/MSci Environmental Geoscience	F630	ABB–BBC	✓	28–34		
MSci Environmental Geoscience with an International Year	F632	AAA	✗	34–38		
BSc/MSci Resource and Applied Geology	F611	ABB–BBC	✓	28–34		
MSci Resource and Applied Geology with an International Year	F613	AAA	✗	34–38		
BSc Palaeobiology and Palaeoenvironments	FC69	ABB–BBC	✓	28–34		
Joint Honours						
BSc Geology and Geography	FF68	ABB–BBC	✓	28–34		
BSc Geology and Archaeology	FV64	ABB–BBC	✓	28–34		

Geography and Earth Sciences are also available as part of the Natural Sciences programme – see page 122–123 for details

Please note: typical offer grades are for guidance only, and will depend on the subjects you are combining. Other qualifications considered – see the entry requirements section on page 158 for full information. Duration of the programme is normally three years; four years if you study the MSci programme, follow a year abroad or combine with a modern language.

Contact details

Geology and Geosciences

Dr Andy Chambers
t +44 (0)121 414 6131
e a.d.chambers@bham.ac.uk

Geography (L700)

Dr Phil Jones
t +44 (0)121 414 5546
e p.i.jones@bham.ac.uk

Geography (F800)

Dr Damian Lawler
t +44 (0)121 414 5532
e d.m.lawler@bham.ac.uk

Environmental Sciences

Dr Mark Ledger
t +44 (0)121 414 5544
e m.e.ledger@bham.ac.uk

www.gees.bham.ac.uk

Essential information

- Environmental Science and Single Honours Geology programmes normally require two science subjects at A level, or one at A level and one at AS level (Geography is considered a science).
- IB students must include two science subjects at HL (Geography is considered a science)
- Single Honours Geography programmes require A Level Geography grade A or 6 points at HL for IB students
- For specific entry requirements, please refer to individual programme entries online www.undergraduate.bham.ac.uk



Full details on all courses can be found at www.undergraduate.bham.ac.uk

School of Psychology

The School of Psychology is one of the strongest and most active psychology departments in the country. We are ranked among the top three psychology departments for research and have a reputation for excellent teaching.

Our single honours Psychology course is accredited by The British Psychological Society, which means that you will be eligible for graduate membership of the Society on successful completion of your course. Graduate membership is a prerequisite for further study towards becoming a practicing psychologist.

Situated at the heart of the Edgbaston campus, we have over 45 academic teaching staff and around 490 undergraduates. We are a broad School with expertise in clinical, forensic, social, developmental, and cognitive psychology, and in behavioural and social neuroscience. The School has state-of-the-art research facilities for studying all aspects of Psychology and has recently opened a £2 million brain imaging centre.

Teaching and assessment

We offer a mix of lectures, seminars, tutorials, practical classes and research projects, and use a variety of assessment methods including essays, practical reports, oral and poster presentations, dissertations and written examinations. Our undergraduate programme is carefully structured to provide training in the skills that students need as they develop into independent learners.

Career prospects

Many of our students go on to postgraduate training as clinical, forensic, educational or occupational psychologists; many study/work for a higher degree or teach in schools or colleges; some go on to jobs where psychological skills are particularly relevant in industry, commerce, computing, the police or local government. Our students also acquire a broad range of analytical, communication, and interpersonal skills that are valued in occupations such as broadcasting, journalism, human resource management, marketing, social work, the Probation Service and the Civil Service.

Programmes of study	UCAS code	Typical offer			Places 2010	Apps 2008
		A level	GS	IB		
Single Honours						
BSc Psychology	C800	AAA/AAB	× 34	140	1,154	

Psychology is also available as part of the Natural Sciences programme – see page 122–123 for details.

Please note: typical offer grades are for guidance only, and will depend on the subjects you are combining. Other qualifications considered – see the entry requirements section on page 158 for full information. Duration of the programme is normally three years.

Contact details

School of Psychology

Dr Andrea Krott

Miss Kerri Badger

t +44 (0)121 414 4933

e psychology-admissions@contacts.bham.ac.uk

www.psychology.bham.ac.uk

Essential information

- Our typical A level offer is AAB for applicants taking at least one of the following subjects: Psychology, Biology, Human Biology, Physics, Chemistry, Mathematics or Statistics: the typical offer for applicants who are not taking any of these subjects is AAA
- IB students must have a science subject at HL

'The computer facilities in the library are brilliant – you'll always find a computer or you can bring a laptop and find a nice space to work in. With some big, old-fashioned buildings, Birmingham gives the impression that it is historical and traditional but it's also really modern and up-to-date.'

David
Year 2, BSc Psychology



Full details on all courses can be found at www.undergraduate.bham.ac.uk

School of Sport and Exercise Sciences

The School combines a long history of excellence in teaching and research in sport and the relationship between health and exercise. It is the leading School in the UK for research in this subject area and, in 1946, was the first to offer a non-vocational sports degree.

We are at the international forefront of the rapid development of sport and exercise sciences, offering an undergraduate programme that shapes the way society sees the relationship between health, exercise and lifelong wellbeing.

The quality of our research activities was ranked first equal in the 2008 Research Assessment Exercise, with 25% rated world-leading and another 35% internationally excellent. Our staff are active in research that follows a scientifically rigorous approach to the study of sport, performance, physical activity, exercise and health.

The School is home to the largest custom-built Sport and Exercise Science facility in the UK. The £16.4 million development features 36 laboratories for cutting-edge experiments, alongside a large atrium for a friendly space for staff and students to meet. The School also supports collaborative research programmes with colleagues in the College of Medical and Dental Sciences and local NHS Research Trusts. These programmes explore the role of lifestyle interventions involving physical activity and diet in disease prevention and health promotion. Collaborative links are also particularly strong with colleagues in biosciences, engineering and psychology.

Sport and Exercise Science at undergraduate level looks at how the healthy human body works, and how sport and physical activity promotes health. It provides an introduction to human physiology, psychology, anatomy, biomechanics and biochemistry before enabling you to extend your knowledge in these areas. Research methodology and practical laboratory skills are an essential part of the course, which concludes with an in-depth research project.

Teaching and assessment

You are taught through a variety of methods, including lectures, seminars and lab practical sessions. Students are assessed by completing coursework and final examinations.

Career prospects

On graduation, you will have gained valuable skills that provide access to a wide range of careers in scientific research, teaching, the sport and leisure industry, medicine, physiotherapy, the police and armed forces and many other fields.

Programmes of study	UCAS code	Typical offer			Places 2010	Apps 2008
		A level	GS	IB		
Single Honours						
BSc Sport and Exercise Sciences	BC17	ABB	* 32-34	175	1,267	

Please note: typical offer grades are for guidance only and will depend on the subjects you are combining. Other qualifications considered – see the entry requirements section on page 158 for full information. Duration of the programmes are normally three years.

Contact details

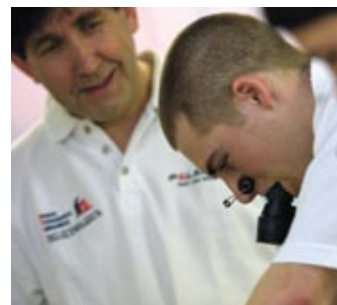
Sport and Exercise Sciences

Dr Jennifer Cumming
t +44 (0)121 414 4108
e admissions-sportex@bham.ac.uk

www.sportex.bham.ac.uk

Essential information

- A level students must have one science from either Mathematics, Biology, Human Biology, Chemistry, Physics, Psychology or Vocational A level Science
- Subject specific requirements are needed for Joint Honours courses offered – we strongly recommend you check the individual course entries on the web when applying



Full details on all courses can be found at www.undergraduate.bham.ac.uk

Natural Sciences programme

To specialise now or later? That is the question facing you as a student with an interest in science but perhaps uncertain as to which area you want to pursue in depth.

The Natural Sciences programme is hosted by the School of Biosciences but involves contributions from schools in both the College of Life and Environmental Sciences and the College of Engineering and Physical Sciences. All of the schools are active in research in their areas and offer you expert teaching in your Major subjects.

The Major subjects offered are:

- Biochemistry
- Biology
- Chemistry
- Computer Science
- Earth Sciences
- Geography
- Mathematics
- Physics
- Psychology

Since Natural Science students study in so many different areas of the campus, this programme has a special 'home' in the form of the Base Room. Here you will meet up with students who study different subjects and mix with students from other year groups.

Course structure

Students choose two Major subjects from those listed above supplemented by a choice of Minor subjects. The course is designed to allow you to study aspects of your Major subjects

in depth, and a particular strength of the programme is that it encourages you to pursue topics at the interface between those subjects. Fields that cut across the traditional disciplines are often those where major scientific advances are currently being made. There are a small number of major subject combinations which cannot be accommodated within the timetable; please see the online prospectus for details.

This flexible programme allows you to retain breadth into the final year or to opt for more specialised study in one of your Major subjects.

Career prospects

The academic challenge, independent reasoning and lateral thinking skills developed during your Natural Sciences degree give you professional opportunities in science-based and other industries. Employers are often looking for graduates with broad experience and expertise in a number of disciplines, along with the vital transferable skills of communication, IT and teamwork you will develop.

Former students have moved on to careers in a range of professions such as scientific consultancy, marketing, IT, and in the business sector. Many progress to studying for a PhD, as the interdisciplinary nature of the degree prepares them well for a research career. If you choose the 'with Study in Continental Europe' option you add yet another layer of aptitude and experience at an international level.

Programmes of study	UCAS code	Typical offer			Places 2010	Apps 2008
		A level	GS	IB		
Single Honours						
Natural Sciences programmes						
BSc Natural Sciences	CFGO	AAB	×	34	20	246
BSc Natural Sciences with Study in Continental Europe	FCGO	AAB	×	34		

Please note: typical offer grades are for guidance only. Other qualifications considered – see the entry requirements section on page 158 for information. Duration of programmes is normally three years; four years if you choose with Study in Continental Europe – see individual course entry at www.undergraduate.bham.ac.uk for full details.

Contact details

Natural Sciences

Dr Julia Lodge

t +44 (0)121 414 5922

e naturalsciences-admissions@bham.ac.uk

www.naturalsciences.bham.ac.uk

Essential information

- You will normally need two science A levels from Biology, Chemistry, Physics and Mathematics
- Most Major subjects have subject-specific entry requirements; we strongly recommend that you refer to the online prospectus before applying
- GCSE grade B minimum in an appropriate modern foreign language is required for programmes with Study in Continental Europe
- IB students must include two science subjects at HL from Biology, Chemistry, Physics and Mathematics



Full details on all courses can be found at www.undergraduate.bham.ac.uk

College of Medical and Dental Sciences



We are at the forefront of a medical revolution – translating our research into new treatments. One approach exploits our understanding of the body’s immune system to vaccinate patients against cancer.

*Professor Lawrence Young
Head of the College of Medical and Dental Sciences*

Challenge convention.



Dentistry programmes

When you study dentistry at Birmingham, you are joining a School with over 100 years experience of training dentists – in fact, we were the first university to offer dental degrees.

Today, the School of Dentistry is proud of its undergraduate courses in Dentistry, Biomaterials, and Hygiene and Therapy, along with its internationally renowned research-based higher degrees programme.

Whether you choose to study dentistry or follow a course in biomaterials, you'll find a highly integrated, interdisciplinary programme benefiting from excellent library and computer facilities, underpinned by our state-of-the-art research expertise and a commitment by our staff to deliver the highest standard of student-centred education. The clinical elements of our courses are taught at the Birmingham Dental Hospital, which has one of the largest outpatient attendances in the UK and houses excellent facilities.

Biomedical Materials Science

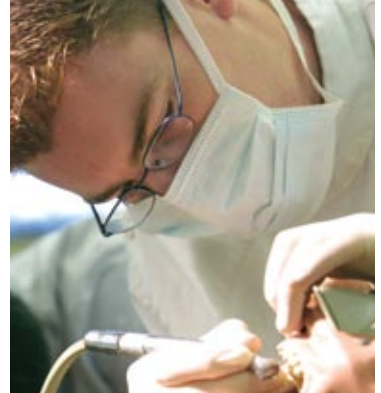
Artificial hip joints, replacement blood vessels and heart valves, artificial teeth and fillings, contact lenses and modern drug delivery systems are just a few of the growing number of applications of biomedical materials.

This degree offers you the opportunity to gain a comprehensive background in the medical science and engineering of materials for repairing or replacing damaged, diseased or missing tissues in the human body. You can make a genuine contribution to improving medical and dental care.

As the course is multidisciplinary and therefore taught in several departments, including Medicine, Metallurgy and Materials and Biosciences, it is administered by the Biomaterials Unit within Birmingham Dental Hospital. The Unit combines clinical work with both clinical and scientific research. Many of the laboratories used have been recently refurbished.

Your first year covers the structure and properties of materials (including polymers, ceramics and metals), cell biology and anatomy, alongside a general introduction to the clinical use of biomaterials. You also have a course in the use of IT and statistics to prepare scientific writing, and undertake a number of clinical placements where you may, for example, see a hip or knee replacement operation being performed.





Your second year will focus on the reactions of the body to biomaterials, how these materials are designed and made into components to be used in medical treatments, and the factors that affect performance of materials in service. Practical sessions will give you experience of handling biomaterials in a mock-clinical situation.

Your final year gives you the chance to undertake an original piece of laboratory research as part of your two-semester project, learn more about tissue engineering and biomaterial design, develop your clinical background and deepen your scientific knowledge.

A brochure containing more details of the programme is available on request from the Admissions Tutor. See page 129 for contact details.

Dental Hygiene and Therapy

This is an integrated programme leading to a qualification in dental hygiene and dental therapy. It is a collaborative programme funded via the South Birmingham Primary Care Trust and validated by the University.

The course is delivered at Birmingham Dental Hospital located in the city centre. Outreach clinical placements in the second and third years are located within the West Midlands and do not involve an overnight stay.

Clinical orientation in dental hygiene is a major component of the early part of the programme, preparing you for seeing your first patient at the beginning of the second term in your first year. The Biomedical Sciences and Oral Health Promotion modules prepare you for the study of disease, patient management and health education later on in the programme. You will also begin to learn how to manage dental decay and to restore teeth using manikins in the laboratory.

During your second year you will be managing and meeting your own list of patients and gaining confidence and competence in clinical skills. You will learn applied pharmacology, general pathology and dental radiography, along with the specialties of paediatric dentistry and the management of periodontal disease. In your final year you will spend 60% of your clinical teaching at outreach clinics to broaden your experience and prepare you for life after graduation. Integrated clinical practice combines the dental hygiene and therapy skills into whole-patient care. Two terms will be spent undertaking a research project with relevance to your studies.

Dental Surgery

Dentistry is a rapidly evolving profession. Advances in technology, such as the introduction of novel materials, have increased the scope of today's dentistry to correct defects of facial appearance and function. There is also more emphasis on treating patients as individuals with individual needs, along with a strong trend towards prevention rather than cure of dental disease.

Our Bachelor of Dental Surgery degree consists of five terms of pre-clinical studies followed by three years and one term of clinical work. The programme incorporates current advances in dentistry and provides an up-to-date teaching structure that takes into account the opinions of past and present students.

This highly integrated, interdisciplinary programme also benefits from clinical teaching in the Birmingham Dental Hospital, with excellent equipment and instruments for your practical work. The pre-clinical programme in your first and second years is modular in form and based on the interdisciplinary study of the different systems of the human body. Subjects include: anatomy, physiology, biochemistry, oral biology and pharmacology. The emphasis is on small group teaching and self-learning.



The last term of the second year is spent, largely, developing the practical and academic skills related to treating your first patients. This involves working on manikins and preparing teeth for filling with restorative materials. This practical work is supported by the academic study of radiography, oral pathology, restorative dentistry and prosthodontics.

In the first term of your third year, you begin treating, under supervision, your own patients. Your clinical teaching at the Birmingham Dental Hospital also gives you a chance to gain extensive and varied real-world experience, and covers specialist subjects such as paediatric dentistry, restorative dentistry, dental prosthetics, and oral medicine and surgery. You also extend your practical experience with the clinical practice programme, where you take responsibility for your own patients' treatment by running what amounts to your own mini-practice within the Dental Hospital.

As part of your study of medicine and surgery you spend some of your time in residence at a general hospital, where you will learn about the social and psychological side of patient care while developing your interpersonal and communication skills.

Our practitioner attachment scheme ensures that you also spend time with general dental practitioners, along with separate visits to specialist dental units and the community dental service. In the last term of the fourth year there is an opportunity for you to pursue your own elective programme of study – this may provide a chance for you to study for a while abroad.

Your final year of study consists of a common core of academic work and clinical dental practice. You may also select a special study module for in-depth work.

Teaching and assessment

A variety of teaching is employed, including lectures, small group work, individual tuition, computer-assisted learning, and self-led learning. Practical classes provide the opportunity for one-to-one advice. Clinical treatment sessions are closely supervised by qualified tutors and each student receives immediate feedback on their performance. Modular assessments include written examinations, practical examinations, objective, structured clinical examinations, continuous assessment, assignments and competency tests, and presentation of patients. You have a personal tutor to provide academic guidance and support, and a welfare tutor to support your personal needs at every stage in your University career.

Career prospects

Whichever course you choose, our focused teaching means that – almost without exception – graduates go into general practice, particularly in the first few years after graduation. Dental students have found careers in community dental clinics, industry, hospitals and universities. Biomedical graduates have followed a variety of career options in health care and related areas, such as blood perfusion, optometry, and work in medical device regulatory authorities.

Selection of students

Dentistry is an extremely popular subject at Birmingham. During our selection process academic excellence is only one criterion; it is vital to be able to show that you are highly motivated towards a career in dentistry and possess other qualities required of a dentist. We interview prospective students in an informal, friendly manner for about 15 minutes and give you a chance to tour the Dental Hospital and talk to some of our current students. During the interview, we look not only at your academic record and potential, but consider fully your confidential report and non-academic interests and achievements.

Programmes of study	UCAS code		Typical offer			Places 2010		Apps 2008	
	A level	GS	IB						
Single Honours									
BMedSc Biomedical Materials Science	BJ95	BBC	×	30	16	121			
BSc Dental Hygiene and Therapy	B750	BBC	×	28-30	25	341			
BDS Dental Surgery	A200	AAB	×	36	75	871			

Please note: typical offer grades are for guidance only. Other qualifications considered – see the entry requirements section on page 158 for full information. Duration of programmes is normally three years; five for the BDS Dental Surgery course.

Contact details

Biomedical Materials Science

Dr Michael P Hofmann
t +44 (0)121 237 2914
e m.p.hofmann@bham.ac.uk

Dental Hygiene and Therapy

Mrs Suzanne Noble
t +44 (0)121 237 2802
e sodht.admissions@sbpct.nhs.uk

Dental Surgery

Mr Donald Spence
t +44 (0)121 237 2761
e dentadmissions@contacts.bham.ac.uk

www.dentistry.bham.ac.uk

Essential information

Please note that the following only provides an introduction – please refer to the online programme entry for full details.

Biomedical Materials Science

- Applicants must have two sciences at A level (Biology and Chemistry preferred); Mathematics at least grade C GCSE or equivalent essential; IB students to include Chemistry and Biology at HL.
- Confirmation of a place on the course will be subject to a satisfactory Criminal Records Bureau disclosure (standard level).

Dental Hygiene and Therapy

- Biology at A level (grade B); Chemistry is strongly recommended. GCSE should include Chemistry and Biology or higher tier dual award Science. English Language and a minimum of three other subjects at grade C or above. IB students must include Biology and preferably Chemistry.
- A satisfactory health declaration, including evidence of appropriate immunisation, is required from accepted candidates before registration for the programme. The process can take up to nine months and applicants are therefore advised to consult their GP at the earliest opportunity.

- A satisfactory Criminal Records Bureau check (enhanced level) is required from accepted candidates before registration for the programme.
- All students will be required to sign the subject-specific Fitness to Practise Code of Conduct on entry, details of which will be forwarded with an offer letter.
- Some work experience in dentistry is required before completing the UCAS form.
- Please note this course is open to home/EU students only. Applicants whose first language is not English must demonstrate competence in English by passing IELTS with a score of 7.0 or higher.

Dental Surgery

- Applicants must have Chemistry and Biology A level, both at grade A (the third A level must be at grade B/A) and an AS level at grade B/A; IB students must include HL Chemistry and HL Biology. Human Biology may be offered, but not in addition to Biology.
- Candidates must have GCSE Chemistry, Biology, Physics, Mathematics and English Language or English Literature at grade A. Integrated Science (double certificate) at grade A is acceptable as an alternative to

- Physics, Biology and Chemistry.
- The nature of undergraduate dental training precludes entry of those who may pose a risk of blood-borne virus (BBV) infection to patients. Therefore all potential undergraduate dental students should undergo additional health clearance before acceptance onto the programme.
- You should be screened for hepatitis B, hepatitis C and HIV, it is desirable that all applicants should have undergone screening to exclude HBV, HCV and HIV infectivity.
- A satisfactory Criminal Records Bureau check (enhanced level) is required from accepted candidates before registration for the programme.
- All students will be required to sign the subject-specific Fitness to Practise Code of Conduct on entry, details of which will be forwarded with an offer letter.
- Work experience in a general dental practice is required before completing the UCAS form.
- Please note: this course is open to home/EU students only; applicants whose first language is not English must demonstrate competence in English by passing IELTS with a score of 7.0 or higher in all section.



Full details on all courses can be found at www.undergraduate.bham.ac.uk

Medical Science

With the Medical School's internationally competitive research community, you will be guided to experience the forefront of medical research.

Medical Science considers the scientific basis of medicine, teaching you the workings of the human body and exploring the limits of our scientific understanding of the many diseases that affect humankind.

By choosing to study at Birmingham, you benefit from an interdisciplinary programme, taught by experts from the full breadth of medical science.

You are given a broad understanding of medical science over your first two years, including subjects such as the cardiovascular and respiratory system, digestive system, and neuroscience, all of which are taught on the basis of linking structure to function, ranging from the system to the cell and molecular level. Pharmacology is an important part of your study, providing an understanding of the action of existing and potential drug therapy for a wide variety of human conditions. This format, which does not allow choice, provides you with a strong foundation.

In your final year you specialise by selecting two modules from a range of topics including cellular pathology, molecular genetics, neuroscience, molecular medicine, cancer pathogenesis and virology. During the final spring term, you will undertake a full-time research project, where you undertake novel medical research work in a laboratory setting. Here you will acquire the skills in the use of advanced experimental techniques as well as the analysis and interpretation of data – you may even have your own work published.

Before entering your third year you may wish to apply to take a year out to pursue work experience in, say, the pharmaceutical industry. Opportunities also exist to undertake a summer research project in a laboratory in the Medical School – for which funding is available. These opportunities provide invaluable preparation for your final year and also enhance your career prospects.

Teaching and assessment

You will be taught using a combination of lectures, practicals, tutorials and computer-based learning. We place a strong emphasis on developing analytical skills, alongside cultivating practical techniques in modern, well-equipped laboratories. You are assessed by a combination of coursework (25%) and end-of-year examinations. A wide variety of modes of assessment are used for in-course work, including essays, practical write-ups, oral presentations, web-based tests, mini-problems and journal clubs. The project write-up in the final year is a substantial piece of work and accounts for a significant proportion of the final-year degree mark.

Career prospects

Our graduates have an excellent record of employment in a wide variety of careers. Many of our graduates embark on laboratory work in universities (often in PhD positions), hospitals (clinical scientists), forensic science laboratories, and biotechnology companies. Other degree-related careers include work in clinical trials and in marketing and management in biotechnology companies. Moreover, every year a number of graduates make successful applications to study medicine.

Programmes of study	UCAS code	Typical offer			Places 2010	Apps 2008
		A level	GS	IB		
Single Honours						
Medical Science BMedSc	B900	ABB	* 32-34	81	697	

Please note: typical offer grades are for guidance only, other qualifications considered – see the entry requirements section on page 158 for full information. Duration of programme is three years.

Contact details

Medical Science admission

Ms Philippa McLeish

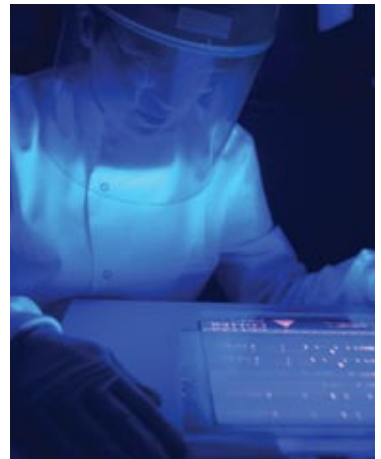
t +44 (0)121 414 3660/7155

e med-bmedsc-admissions@bham.ac.uk

www.medicine.bham.ac.uk

Essential information

- A level students must have two sciences from Biology, Chemistry, Mathematics and Physics – Biology at AS level minimum is advised
- IB students must have a minimum of five points in the sciences, with two at HL



Full details on all courses can be found at www.undergraduate.bham.ac.uk

Medicine and Surgery (MBChB)

Studying Medicine at Birmingham is academically challenging, but will prepare you for a rewarding career as a doctor.

With five-and-a-half million people in the West Midlands region, you will be studying in the country's largest health region. By choosing to study at Birmingham, you benefit from an interdisciplinary programme, taught by experts from the full breadth of medicine. You will find excellent learning resources and a student-centred, participatory style of learning together with a modular programme that lets you focus your study on your chosen interests and career goals.

Five year MBChB Course (A100)

Your first two years provide the core understanding of the normal structure and function of the human body, system by system. You will also learn how these systems respond to everyday life, and their reaction to disease and medical treatment. Alongside this you will learn the psychology and sociology of health and illness and be introduced to key issues in biomedical ethics – such as genetic engineering for example. You will spend ten days each year in the community with GPs and patients – linking the biological and behavioural theoretical learning to patients.

Your third year will develop further your clinical skills in examining patients and the importance of communication in effective patient–doctor relations, while continuing theoretical work in pathology and pharmacology.

The fourth and fifth years give you clinical attachments in internal medicine and surgery, and attachments in medical sub-specialty modules such as cardiology, neurology, bone and joint disease and oncology. In these years you also cover obstetrics and gynaecology, psychiatry, paediatrics and general practice. You also have the opportunity to spend two months in elective studies, consolidating your knowledge in a clinical setting either in the UK or abroad.

Teaching and assessment

The programme is modular and systems-based, enabling you to focus on your personal preferences and work towards your own career goals. You also have the opportunity to get out into the community, meeting patients right from the start with an attachment to a general practice, which you attend for one day each fortnight, so that you are making links between your coursework and the people to whom you will ultimately be applying it. Throughout your five years you receive teaching in a variety of forms: lectures, seminars, tutorials, laboratory work, clinical practice and bedside demonstrations, with a small component of problem-based learning. We take care to adapt our teaching methods to the subject matter – offering, for example, role-play and video feedback on patient–doctor communication. Likewise, with assessment, we fit the method to the subject matter. As well as written examinations, you have coursework, projects, clinical examinations and oral assessments.

Four year Graduate Entry MBChB Course (A101)

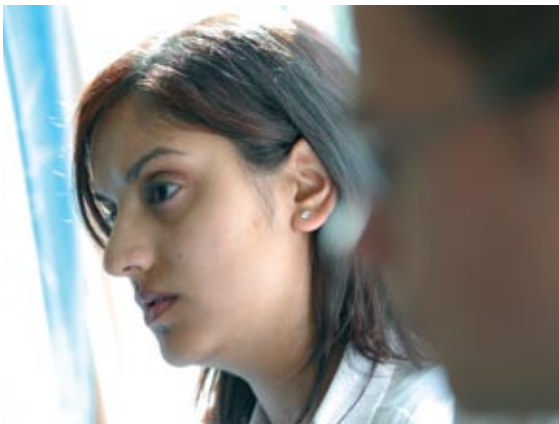
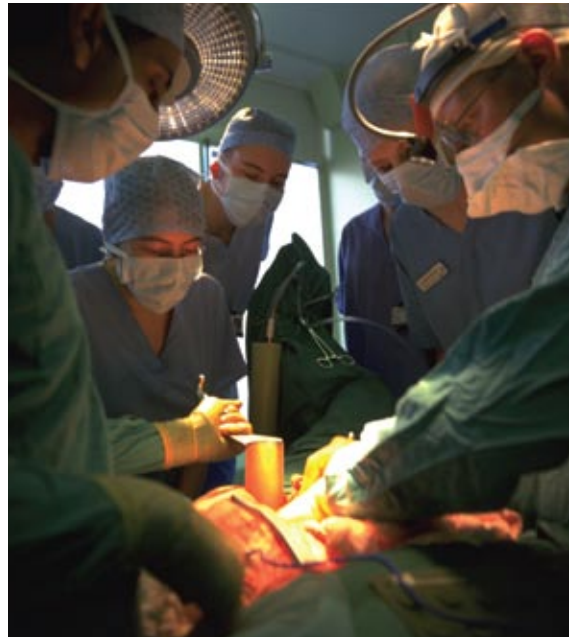
For holders of a first degree in a life science, we offer the four year MBChB Medicine and Surgery programme.

This is a Problem-Based Learning Course during the first year, which is focused on clinical orientation and covers biological sciences, anatomy and behavioural science, since you may have covered little of these in comparison with your knowledge of other life science subjects. You will work as part of a group of about eight students with a tutor. You will work in different groups to answer different problems and develop an understanding of the interdisciplinary nature of working in the health service. The problems are grouped into four- to six-week themed blocks covering basic science, anatomy (including prosection), ethics, medicine in society and behavioural science.

You will also spend time in the community with GPs and patients linking your theoretical knowledge to clinical interactions with patients. Your second, third and fourth years are essentially identical to those of the final three years of the five year course.

Career prospects following the MBChB courses

Whether you take our five year course or the graduate entry course, our responsibilities do not end with the award of MBChB degrees. All medical graduates must undertake a further two foundation years of structured training – at the end of the first of these, medical graduates become fully registered with the General Medical Council. (This applies to all medical schools in the UK). On completion of the foundation years, you can then 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, your training here gives you a first-class springboard.



Programmes of study	UCAS code	Typical offer			Places 2010	Apps 2008
		A level	GS	IB		
Single Honours						
Medicine and Surgery MBChB	A100	AAA-AAB	×	36	332*	2,479
Medicine and Surgery MBChB Graduate Entry Course	A101	First class life science degree			40	560

*Up to

Essential information

Five year (A100) Course

The following are the MINIMUM requirements for application. Entry is competitive and most candidates exceed the minimum requirements.

- A level requirements:** Candidates should have predicted AAA grades at A level, including Chemistry and another science (Biology, Maths or Physics). If the second science is not Biology, then AS Biology at grade A is required. (NB Human Biology is acceptable as an alternative to Biology). The third A level must NOT be General Studies or Critical Thinking. Our standard offer is AAA or AAB.
- GCSE requirements:** Candidates must have excellent GCSE results – at least 7 A* grades, with at least A grades in Maths and English. Candidates who already have AAA or AAB grades at A level must have at least 5 or 7 A* grades at GCSE, respectively.
- International Baccalaureate:** This is acceptable with a minimum of 36 points, with at least 18 at HL including Chemistry and Biology.

Four year Graduate Entry (A101) Course

- Applicants must have or be predicted a first class life science degree. A sound knowledge base in chemistry is also required (equivalent to a grade C or better at A level), either from A levels or the content of the degree programme.

Additional information for both courses

- No more than four choices on the UCAS form should be used for medical courses. The remaining choice, if you wish, can be used for an alternative course, without prejudice to your medicine application.
- All candidates who receive offers will have been interviewed. Academic excellence is not the only requirement. Candidates must also be well motivated to a career in medicine, and have non-academic interests and appropriate personal qualities.
- A satisfactory Health Declaration, including evidence of appropriate immunisations and a satisfactory Criminal Records Bureau Check (enhanced level) are required from accepted candidates before registration for the programme. All students are required to sign a Fitness to Practise Code of Conduct prior to entry.

Contact details

Medicine and Surgery

Professor Chris Lote
t +44 (0)121 414 6888
e c.j.lote@bham.ac.uk
Dr Austen Spruce
t +44 (0)121 414 4522
e a.e.spruce@bham.ac.uk

www.medicine.bham.ac.uk

- We take a positive view of what candidates with disabilities can achieve as future medical professionals and take seriously our obligation to make reasonable adjustments to ensure that all students with disabilities can successfully complete their studies. All applicants will be assessed up to and including the interview on the basis of the criteria outlined above regardless of any disability. All students, including those with disabilities, have to be able to meet the competency thresholds set by the GMC. If you declare a disability we will invite you to work with us to explore how best we can support your studies.
- Full and up-to-date information on these courses can be found at www.undergraduate.bham.ac.uk/coursefinder/medicine/index.shtml



'I like the flexibility in my learning and the ability to shape the course through the student selected aspects. I've gained a lot of exposure to all the different fields of medicine which really sets me up for a future in any path that I choose.'

Henry
Year 4, Medicine MBChB



Nursing

Nursing is a demanding and rewarding profession, combining the art and science of caring with health promotion, maintenance and restoration.

On successful completion of this programme you will have developed the skills needed to be a qualified nurse and even a professional nurse leader of the future.

Integrating the theory and practice of nursing through research-led teaching, combined with clinical placements in national and international centres of excellence within the West Midlands, our programme provides a comprehensive introduction to adult, mental health and child nursing in year one. This distinctive feature of our programme informs your branch choice for subsequent years (subject to availability).

With a thorough grounding in concepts of health derived from the study of the biological and social sciences, professional studies and communication skills, you will develop the professional disciplinary knowledge and understanding of your chosen branch of nursing. This is underpinned by the acquisition of the professional leadership and research skills you will need to practise and manage evidence-based care.

In the elective module you have the opportunity to study an aspect of nursing you have a particular interest in, in the UK or overseas. Between years two and three you will undertake a placement in a setting of your choice in order to learn more about global health issues. This is an exciting and innovative learning experience that will increase your understanding of other cultures, develop organisational skills and increase your self-reliance.

The programme concludes with a research-based dissertation and the Transition to Professional Practice module which prepare you for the next stage of your career.

Teaching and assessment

A wide variety of methods is used to facilitate your learning and encourage the development of self-directed study skills. These include lectures, small group work, problem-based learning, seminars and clinical skills sessions. Your learning is assessed through a combination of approaches including practice placement assessments, essays, case studies, presentations, portfolio development, a dissertation and examinations.

Career prospects

On graduation and qualification, you will have a highly regarded degree and eligibility to register with the Nursing and Midwifery Council (NMC) to practise as a nurse. Our graduates are highly valued and the majority seeking nursing positions have secured employment or pursued further career-related training within six months of completing the programme. Many of our graduates stay in the Birmingham area and work in the NHS, others move on to take up appointments in the UK and overseas. There are many and varied career opportunities for nursing in clinical practice, management, research and teaching.

Programmes of study	UCAS code		Typical offer		
	A level	GS	IB	Places 2010	Apps 2008
Single Honours					
Nursing BNurs	B700	BBC	* 28-30	129	953

Edexcel/BTEC Diploma/Cache Diploma (Health and Social Care or Science preferred): Minimum level DMM.

Access to Higher Education (Health or Science preferred): Minimum 45 credits at level 3 (to include study of Physiology) and 15 credits at level 2. If you do not hold Maths and English at GCSE grade A–C you will need 12 credits at level 2 in both in order to meet minimum University entry requirements

Please note: typical offer grades are for guidance only, other qualifications considered – see the entry requirements section on page 158 for full information. Duration of programme is three years.

Contact details

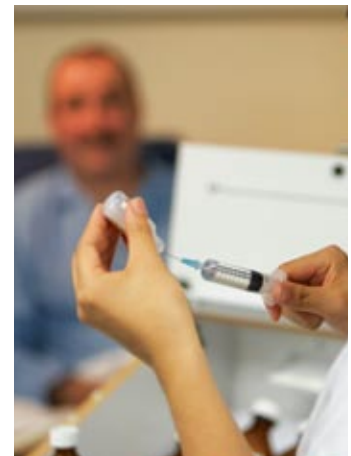
Nursing admissions

Mr Mark Hughes
t +44 (0)121 414 7502
e ugadmissions-healthsciences@bham.ac.uk

www.healthsciences.bham.ac.uk

Essential information

- A satisfactory health declaration, including evidence of appropriate immunisations, and a satisfactory Criminal Records Bureau check (enhanced level), are required from accepted candidates before registration for the programme. All students will be required to sign the subject-specific Fitness to Practise Code of Conduct on entry, details of which will be forwarded with an offer letter.
- We take a positive view of what candidates with disabilities can achieve as future healthcare professionals and take seriously our obligation to make reasonable adjustments to ensure that all students with disabilities can successfully complete their studies. All applicants will be assessed up to and including the interview on the basis of the criteria outlined above regardless of any disability. If you declare a disability we will invite you to work with us together with the disability team, clinical colleagues and specialist services to explore how best we can support your studies.
- All candidates offered a place will have been interviewed.



Full details on all courses can be found at www.undergraduate.bham.ac.uk

Physiotherapy

Physiotherapy at Birmingham is a popular, modular programme that offers both classroom and clinical-based experience.

Preparing you to become an autonomous practitioner working within a multi-disciplinary healthcare team, this professional qualifying programme provides you with the assessment, treatment and clinical skills needed for working successfully in the healthcare environment of today.

You will develop your practical skills in anatomy, human movement, patient assessment and treatment in your first year and explore professional issues in ethics and research with nursing students. The mid-year four-week clinical placement allows you to put theory into practice and continually build and improve your knowledge under the supervision of an experienced practice educator.

Introducing cardio-respiratory and neurology clinical specialities together with further musculoskeletal studies in the second year and researching the social aspects of health and illness give further preparation for three six-week clinical modules which, in turn, enhance your assessment, treatment and clinical reasoning skills.

In your final year you will investigate current physiotherapy practice through the study of more complex issues, practice evaluation and service development including inter-professional working and leadership. You will also study policy and organisational contexts of healthcare to enable effective practice as a qualified physiotherapist. You will complete two practice placements and will also refine your research skills to produce a dissertation.

Choosing your option module will enable you to choose an aspect of practice that suits you and choices may include Acupuncture, Physiotherapy with Children, and Sport. Sharing a number of modules with our Bachelor of Nursing programme you will complete the course with an indispensable knowledge of collaborative working with other healthcare professionals in a clinical setting.

Flexible route

We understand the pressures of juggling work and home life and can therefore offer a limited number of places to study this programme on a flexible basis over six years (subject to availability).

Teaching and assessment

A wide variety of teaching is used to facilitate learning and encourage the development of self-directed study skills through enquiry-based learning. Assessment of learning uses treatment toolkits, practical demonstrations, practice placement assessments, essays, case studies, research reports, portfolio development, dissertation and examinations.

Career prospects

Physiotherapists are key members of most health care teams and work in public and private sectors at home and abroad, although some countries do require further proof of competence to practise. There are opportunities to develop your practice clinically as a clinical specialist or consultant physiotherapist, or you may choose to enter the fields of education, research or industry.

Programmes of study	UCAS code		Typical offer			Places 2010	
	B160	ABB	A level	GS	IB	Places 2010	Apps 2008
Single Honours							
BSc Physiotherapy	B160	ABB	*	34	60	596	

Edexcel/BTEC Diploma in Sport and Exercise Science or Health Studies: Minimum level of DDM. GCSE requirements: seven GCSEs are required at grade A–C including English, Mathematics and Science.

Access to Higher Education (Health or Science preferred): Minimum 45 credits at level 3 (to include study of Physiology/Biology) and 15 credits at level 2. If you do not hold Maths and English at GCSE grade A–C you will need 12 credits at level 2 in both Maths and English in order to meet minimum university requirements. Places for 2010 include four overseas places.

Please note: typical offer grades are for guidance only, other qualifications considered – see the entry requirements section on page 158 for full information. Duration of programme is three years.

Essential information

- A level students must have Biology/Human Biology grade B. International students who do not have GCSE (A–C) in English are required to demonstrate an IELTS score of 7.0, with no less than 6.5 in any band, or equivalent qualification.
- Applicants are advised to gain insight into the work of the physiotherapist prior to application.
- Evidence of IT and interpersonal skills development are required.
- Satisfactory health declaration and other regulatory checks (such as enhanced level Criminal Records Bureau) are required – check the online programme for full details.
- All candidates offered a place will have been interviewed.
- We take a positive view of what candidates with disabilities can achieve as future healthcare professionals and take seriously our obligation to make reasonable adjustments to ensure that all students with disabilities can successfully complete their studies. All applicants will be assessed up to and including the interview on the basis of the criteria outlined here regardless of any disability. If you declare a disability we will invite you to work with us together with the disability team, clinical colleagues and specialist services (RNIB, for example) to explore how best we can support your studies.



Contact details

Physiotherapy admissions

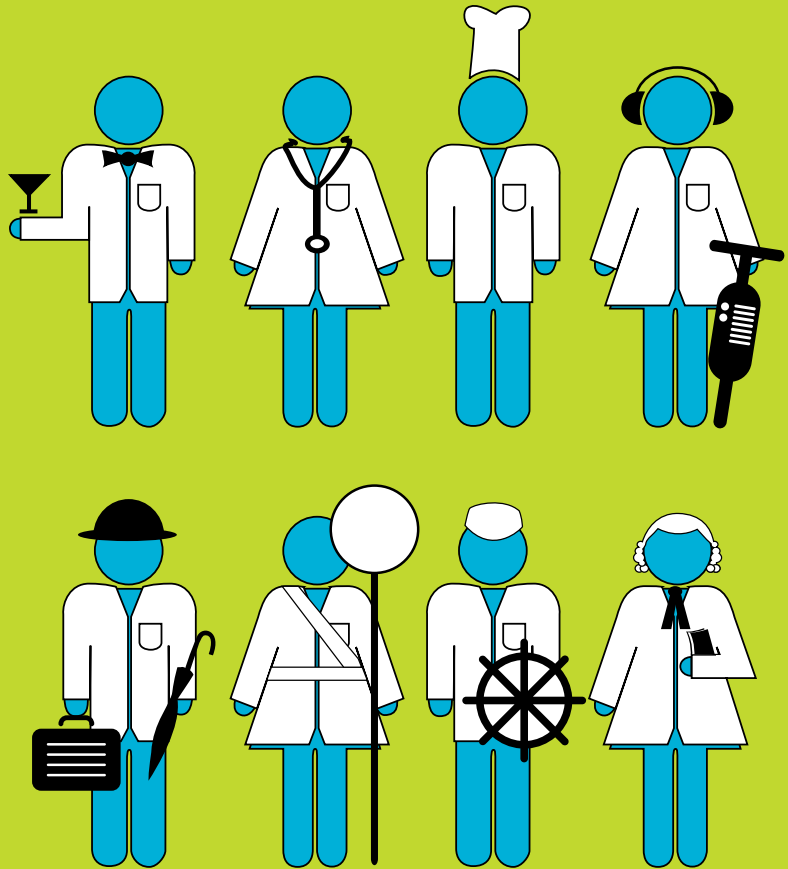
Ms Helen Frank
 t +44 (0)121 415 8603
 e ugadmissions-healthsciences@bham.ac.uk

www.healthsciences.bham.ac.uk



Full details on all courses can be found at www.undergraduate.bham.ac.uk

College of Social Sciences



Every one of us is a social scientist. We have a responsibility to understand the world to try and change it for the benefit of our fellow citizens.

*Professor Edward Peck
Head of the College of Social Sciences*



What difference will you make?

Birmingham Business School

With over 100 years experience of providing quality undergraduate and postgraduate programmes and a £20-million home, the School is at the forefront of providing programmes in Accounting and Finance, Economics, Banking, Management and Planning.

Business education was pioneered at Birmingham and the Birmingham Business School is proud of its long history and traditions of excellence and internationalism.

The Centre for Urban and Regional Studies (CURS) and Department of Economics also form part of Birmingham Business School. The School is also renowned for its research, with around 130 lecturing and research staff contributing to academic debates worldwide.

The School undertakes projects funded by research councils, major trusts, professional institutions, government departments and the EU and has vibrant activity in a range of disciplines including Business Strategy and Procurement, Corporate Governance, Economic Development Policy, Entrepreneurship, and Innovation and Management.

We work closely with industry to provide relevant and rigorous academic study with a real practical focus. Consultation with professional bodies means that many of our programmes are accredited by the appropriate professional body and the School has AMBA and EQUIS accreditation.

We are proud to offer a global approach with modules addressing the international aspects of business – from international accounting through to understanding the impacts of globalisation – and we currently have students from over 35 countries on our undergraduate programmes. Our Centre for Urban and Regional Studies further expands our range of Joint Honours programmes with courses in Geography and Urban and Regional Planning, Planning and Economics, Planning and Public Policy, Government and Management, and Planning and Social Policy.

Accounting and Finance

Accounting and finance are woven into the fabric of our every day lives and form an essential ingredient in any effective modern organisation. Our popular programme gives you a critical insight into familiar, though often poorly understood, concepts such as profit and loss, cost and value for money. These terms are the ways in which business and public policy decisions are often explained and justified. Being trained to provide and advise on the use of such concepts, and how they relate to the real world, forms the substance of this programme.

Business Management

We have offered an undergraduate degree in business since 1902. While our degree programme has constantly evolved to meet the needs of the modern business environment, it has maintained the philosophy that future leaders need a sound and broad-based education. Our programmes in Business Management equip you with the expertise needed to understand business and management on both a national and global scale. The Business Management with Communications programme addresses the public relations and media requirements of today's people-orientated business world.

Economics

Studying Economics at Birmingham will give you an exciting opportunity to explore and understand some of the increasingly prominent economic issues affecting political and current affairs in the 21st century. You can further expand your career opportunities by combining Economics with a language. Whether you choose French, German, Italian, Japanese, Portuguese, Russian or Spanish, you will follow the same core structure of the Single Honours degree along with modules that study the language and culture of your chosen country. You then spend your third year at an appropriate overseas university.



International Business Management

Today's business is increasingly international in scope. There are advantages in combining knowledge of modern business with the experience of another culture. Our programmes in International Business Management will appeal to students who are considering a future career in international management, but who either do not wish to study a language to degree level, or who wish to develop language skills. The core structure is identical to that of our Business Management programme, while your third year is normally spent at one of our partner universities, such as: Cornell University or Marymount Manhattan (New York) in the USA; Tec de Monterrey, Guadalajara in Mexico; Hong Kong University; the University of West Bohemia in the Czech Republic; the University of Toronto in Canada; the University of Melbourne in Australia, or the University of Auckland in New Zealand.

Money, Banking and Finance

Our Money, Banking and Finance programmes combine the analytical rigour of an Economics degree with a practical focus on accounting, banking, law and finance. The programmes were developed in response to demand from employers in the financial services sector for informed, able graduates with a relevant degree. The programmes allow maximum flexibility while ensuring that you study a core of subjects that satisfy a wide range of employers during your career.

Urban and Regional Planning

Our Urban and Regional Planning programmes are for you if you are interested in many of the issues facing today's society, such as housing, climate change, planning, poverty, sustainability, economic development or human geography.

We offer a selection of Joint Honours programmes which draw on the academic strengths of some of the largest and



most prestigious departments in the UK and the internationally-renowned teaching and research expertise of the Centre for Urban and Regional Studies (CURS).

Our programmes also make full use of the wealth of case study material from the great planning laboratory that is Birmingham, on optional field trips that provide a truly international context.

Teaching and assessment

In addition to formal lectures there are small group classes, individual and group exercises and presentations. Assessment is by a mixture of written examinations, essays and project work.

Career prospects

Our undergraduate degrees have long been recognised by major employers across all sectors of the economy. Our students find employment in areas as diverse as City financial institutions, retail management, financial services, accountancy, motor manufacturing, management consultancy, legal professions, pharmaceutical industries, and the civil service and public sector. Some of our students have also gone on to set up their own businesses after graduation.

Programmes of study	UCAS code	Typical offer			Places 2010	Apps 2008
		A level	GS	IB		
Single Honours						
Accounting and Finance programmes					80	1,167
BSc Accounting and Finance	N400	AAB-ABB	×	33-36		
Business Management programmes					100	1,828
BSc Business Management	N200	AAA-AAB	×	33-36		
BSc Business Management with Communications	N190	AAA-AAB	×	34-36		
BSc Business Management (Year in Industry)	N201	AAA-AAB	×	34-36		
Economics programmes					117	1,258
BSc Economics	L100	AAB	×	34-36		
BSc Economics with French	L1R1	AAB	×	34-36		
BSc Economics with German	L1R2	AAB	×	34-36		
BSc Economics with Italian	L1R3	AAB	×	34-36		
BSc Economics with Japanese	L1T2	AAB	×	34-36		
BSc Economics with Portuguese	L1R5	AAB	×	34-36		
BSc Economics with Spanish	L1R4	AAB	×	34-36		
BSc Mathematical Economics and Statistics	LG13	AAB	×	34-36		
International Business programmes					70	635
BA European Business Management	N202	AAB-ABB	×	33-36		
BSc International Business	N120	AAB-ABB	×	33-36		
BSc International Business with Communications	NP19	AAA-AAB	×	34-36		
BSc International Business with Language (French, German, Italian, Japanese, Mandarin, Russian, Spanish)	N1R9	AAB-ABB	×	33-36		
Money, Banking and Finance programmes					35	435
BSc Money, Banking and Finance	N300	AAB	×	34-36		
BSc Money, Banking and Finance with French	N3R1	AAB	×	34-36		
BSc Money, Banking and Finance with German	N3R2	AAB	×	34-36		
BSc Money, Banking and Finance with Italian	N3R3	AAB	×	34-36		
BSc Money, Banking and Finance with Portuguese	N3R5	AAB	×	34-36		
BSc Money, Banking and Finance with Spanish	N3R4	AAB	×	34-36		

Joint Honours available
see pages 64–65

Programmes of study	UCAS code		Typical offer		Places 2010 Apps 2008
	A level	GS	IB		
Joint Honours – see pages 64–65 for subject combinations					
<input type="checkbox"/> BSc Economics					
<input type="checkbox"/> BSc Geography and Urban and Regional Planning					
<input type="checkbox"/> BSc Planning and Economics					
<input type="checkbox"/> BSc Planning and Public Policy, Government and Management					
<input type="checkbox"/> BSc Planning and Social Policy					
Major/Minor programmes					
BSc Economics with Central and East European Studies	L1R9	AAB	×	34–36	
BSc Economics with Russian Studies	L1R7	AAB	×	34–36	
New programme					
BSc Spatial Planning and Business	At the time of going to print (March 2009), this new programme was going through the approval process – check online for the latest information				

Please note: typical offer grades are for guidance only and will depend on the subjects you are combining. Other qualifications considered – see the entry requirements section on page 158 for full information. The duration of our degrees is normally three years; four years if combined with a language, year in industry and International Business courses.

Essential information

- All Business courses require GCSE Mathematics at grade B if not offered at AS or A2 level; GCSE English at grade B if not offered at AS or A2 level (with the exception of Economics, MBF and Planning programmes).
- All Economics and Money, Banking and Finance programmes require GCSE Mathematics at grade A if not offered at AS or A2 level.
- If combining any Business course with a language, you will need your chosen language at A level or HL or SL for IB students although some accept GCSE grade B – see online course entries for full details.
- Mathematical Economics and Statistics requires A level Mathematics grade A.

Contact details

Accounting and Finance

Mrs Anne Ullathorne
t +44 (0)121 414 2929
e bscacc-finadmissions@bham.ac.uk

Business Management/International

Dr Paulina Ramirez
t +44 (0)121 414 2929
e ugadmissions-business@bham.ac.uk

Economics

Dr Marco Barassi
t +44 (0)121 414 6640
e econ-admissions@bham.ac.uk

Economics Joint Honours

Dr Joanne Ercolani
t +44 (0)121 414 6640
e jheconomics-admissions@contacts.bham.ac.uk

Economics with a language

Dr Joanne Ercolani
t +44 (0)121 414 6640
e econlang-admissions@contacts.bham.ac.uk

Mathematical Economics and Statistics

Dr Joanne Ercolani
t +44 (0)121 414 6640
e mes-admissions@bham.ac.uk

Money, Banking and Finance

Dr Frank Strobel
t +44 (0)121 414 6640
e mbf-admissions@bham.ac.uk

Planning Joint Honours

Dr Mike Beazley
t +44 (0)121 414 3278
e m.j.beazley@bham.ac.uk

www.business.bham.ac.uk



Full details on all courses can be found at www.undergraduate.bham.ac.uk

School of Education

The School of Education has been involved in the study of Education for over 100 years, offering courses that range from undergraduate programmes to doctoral level study and postgraduate initial teacher education at both primary and secondary level.

We act as consultants to schools, local authorities, charities, businesses and government departments within the UK and are involved in research and consultancy in many countries. Areas of research include: governance, management and leadership; languages, discourse and society; disability, inclusion and special needs; knowledge, culture and diversity; and professional learning and pedagogy. Research activity at Birmingham has gained consistently high scores in successive Research Assessment Exercises (RAE). In RAE 2008, 80% of the work of the School was rated as of international quality, and the School is placed as one of the top ten departments in the UK.

The School has its own dedicated library that subscribes to around 300 specialist periodicals and contains approximately 75,000 volumes. You will also have access to the Orchard Learning Resources Centre (OLRC), meeting the requirements of more technologically-based approaches to information storage, retrieval and use.

Teaching and assessment

All courses include placement opportunities and, while teaching and assessment varies for each course, you can expect both practical and theoretical assignments, group and individual presentations and examinations.

In the final year you will be required to complete a dissertation that focuses upon a topic covered within the degree programme.

Career prospects

The School of Education offers a varied undergraduate programme that provides you with a wide variety of skills that employers are looking for in your chosen discipline. Previous graduates have gone on to develop their skills further with taught postgraduate courses and research, or found careers in teaching, educational psychology, coaching, journalism, publishing, public services, commerce, leisure management, the armed forces, and law.



'What I loved about this course, was that not only would I be gaining a greater insight into my subject field, but it would give me the opportunity to gain experience in coaching, something that none of the other universities incorporated.'

Kim
Year 2, BA Sport, Physical Education
and Community Studies

Programmes of study	UCAS code	Typical offer			Places 2010	Apps 2008
		A level	GS	IB		
Single Honours						
BA Applied Golf Management Studies	N290	AAB-ABB	×	32-36	25	112
BA Childhood, Culture and Education	LX33	BBB	✓	30-32	30	208
BA English Language and Literature in Education	QX33	BBB	×	30-32	38	184
BA Sport, Physical Education and Coaching Science	C6L4	ABB-BBB	×	32-34	70	462

Please note: typical offer grades are for guidance only. Other qualifications considered – see the entry requirements section on page 158 for full information. The duration of our degrees is normally three years.

Contact details

Golf Management

Dr Martin Toms
t +44 (0)121 415 8392/8285
e m.r.toms@bham.ac.uk

Childhood, Culture and Education

Dr Emma Smith
t +44 (0)121 414 4835
e e.smith@bham.ac.uk

Language and Literature in Education

Dr Kathryn Simpson
Dr Andrea Peterson
t +44 (0)121 415 8219/8187
e k.l.simpson@bham.ac.uk
a.f.peterson@bham.ac.uk

Sport and Physical Education

Dr Symeon Dagkas
t +44 (0)121 415 8389
e s.dagkas@bham.ac.uk

www.about.bham.ac.uk/colleges/socialsciences/education.shtml

Essential information

- Applicants for Golf Management Studies need to meet a golf handicap as stipulated by the PGA (before A level results) and complete an enhanced level Criminal Records Bureau check
- Applicants for English Language and Literature in Education must have one A level from English Literature, English Language or English Language and Literature
- Applicants for Sport, Physical Education and Coaching Science should preferably have PE, Sports Science or Sports Studies and must satisfy a standard Criminal Records Bureau check
- Applicants for Childhood, Culture and Education must satisfy an enhanced level Criminal Records Bureau check



Full details on all courses can be found at www.undergraduate.bham.ac.uk

School of Government and Society

The School of Government and Society is one of the leading UK and international centres for political science, international studies, international development, sociology and European Studies.

The School has expertise covering a wide range of subject areas including British politics, development, diplomatic studies, ethnicity, European politics, international relations, Pacific-Asian politics, political economy, the politics of gender, political theory, public administration and management, security studies, and social exclusion. The School engages in a number of high profile international research and policy networks as well as delivering a range of undergraduate, postgraduate taught and research opportunities.

The School comprises the Centre for Russian and East European Studies (CREES); Institute of Local Government Studies (INLOGOV); International Development Department (IDD) including the Centre for Studies in Security and Diplomacy (CSSD); Political Science and International Studies (POLSYS) including the Institute of German Studies (IGS) and Sociology. The following departments offer a range of undergraduate programme opportunities:

Centre for Russian and East European Studies (CREES)

With over 40 years experience, CREES is recognised as a leading research centre and offers undergraduate courses in Russian and European Politics.

Political Science and International Studies (POLSYS)

This research-intensive department covers all areas of political science and international studies, with particular strengths in British, European and Pacific-Asian politics, diplomatic studies, international relations, political economy, the politics of gender, political theory and security studies. It can offer undergraduate programme opportunities in International Relations, Political Science, International Studies and Political Economy.

Sociology

Top quality facilities in Sociology have played a strong part in the department's undergraduate programme scoring highly in recent *Guardian* league tables. Along with Sociology degree programmes, the department also offers Media, Culture and Society programmes.

Teaching and assessment

Teaching and assessment depends upon your chosen programme and we use a wide range of techniques. We normally feature a mixture of small group oral classes, tutorials, seminars, classes and lectures. Assessment methods also vary, but usually involve a mixture of assessed written work and examinations.

Career prospects

Our graduates enter a variety of careers in international and non-governmental organisations, teaching, the media, the Civil Service and business, as well as pursuing further postgraduate study.

'My time at Birmingham has been both challenging and engaging academically. My course provides a broad range of the subject, which means I have a really diverse degree that I can choose to pursue through further study.'

Lydia
Year 3, BA Political Science



Joint Honours available
see pages 64–65

Programmes of study	UCAS code		Typical offer			Places 2010		Apps 2008	
	A level	GS	IB						
Single Honours									
Centre for Russian and East European Studies programmes									
BSc European Politics, Society and Economics	LL2C	ABB-BBB	✓	32-34	35	91			
BA Russian Studies	R710	ABB-BBB	✓	32-34	3	22			
BA Culture, Society and Communication (Europe) with Russian	R990	ABB	✓	32-34					
BA Modern Languages (Russian) and European Studies (Society, Culture and History)	R900	BBB	✓	32					
Political Science and International Studies programmes									
BA International Relations	L250	ABB	✓	32-34	34	312			
BA International Studies with Economics	LL21	ABB	✓	32-34	7	61			
BA International Studies with French	L2R1	BBB	✓	32	27*	175*			
BA International Studies with German	L2R2	BBB	✓	32	27*	175*			
BA International Studies with Political Science	L256	ABB	✓	32-34	27*	175*			
BA International Studies with Spanish	L2R4	BBB	✓	32	27*	175*			
BA Political Economy	L150	ABB	✓	32-34	4	30			
BA Political Science	L200	ABB	✓	32-34	47	252			
Sociology programmes									
BA Media, Culture and Society	P300	ABB	✓	32-34	41	293			
BA Sociology	L300	BBB	✓	32	51	355			
Joint Honours – see page 64–65 for subject combinations									
<input type="checkbox"/> BA International Relations									
<input type="checkbox"/> BA Media, Culture and Society									
<input type="checkbox"/> BA Political Science									
<input type="checkbox"/> BA Russian Studies									
<input type="checkbox"/> BA Sociology									
Major/Minor programmes									
BA Russian Studies with Central and East European Studies	R7R9	ABB-BBB	✓	32-34					

Please note: typical offer grades are for guidance only and will depend on the subjects you are combining. Other qualifications considered – see the entry requirements section on page 158 for full information. Programme duration is normally three years; four years if combined with a modern language or your chosen degree includes a year abroad. *Places available and 2008 applications figures are combined targets for the four programmes.

Contact details

European Politics

Dr Nathaniel Copsey
t +44 (0)121 414 8241
e crees@bham.ac.uk

International Studies and Politics

Dr Stephen Bates
t +44 (0)121 414 6264
e s.r.bates@bham.ac.uk

Russian Studies

Dr Natasha Rulyova
t +44 (0)121 414 6357/8017/6346
e crees@bham.ac.uk

Sociology and Media Culture and Society

Dr David Toke
t +44 (0)121 414 6277
e y.l.jacobs@bham.ac.uk

www.about.bham.ac.uk/colleges/socialsciences/governmentsociety.shtml

Essential information

- Courses that involve study of languages will normally require A level grade B in the language you are studying or another modern language
- International Studies with Economics requires GCSE Mathematics grade A
- Russian Studies requires a modern foreign language at GCSE grade B



School of Social Policy

The School of Social Policy is one of the leading centres for applied social policy in the UK – it has been running highly ranked and successful social work programmes for over 100 years and its Social Policy degree programme has been ranked in the top four in the country.

The School provides students with a high quality, vibrant environment for academic study. Your academic experience is enhanced through the School's commitment to creating bridges between academia and practice, and through applying its research via teaching, publications, consultancy and policy advice.

Links and collaborative work with a range of formal and community organisations means that the School's research and academic study environment is dynamic, highly contemporary and has a resonance with the world of employment. While the School has expertise across a wide range of contemporary social policy areas, including a new centre on the voluntary sector, there is a particular focus on three key research themes:

- Families, communities and social justice
- Health and social care
- Wealth, welfare and wellbeing

You will benefit from studying in an environment where research and teaching are strongly linked. An integral part of the School is the Health Services Management Centre, specialising in policy, development, education and research in health and social care services in the UK. It is also home to the Institute of Applied Social Studies, whose teaching and research expertise spans the full range of social policy and professional practice issues and debates. Together, the two specialist units provide a dynamic and stimulating environment for students undertaking undergraduate degree programmes in the School.

Social Policy is an interdisciplinary degree, drawing on subjects such as sociology, politics, psychology, history, media and cultural studies, and philosophy; hence the degree is suitable for students currently studying a range of A level subjects. The programme provides students with opportunities to study a wide range of challenging and cutting-edge social issues, questions

and debates, and student placement opportunities are facilitated. A range of postgraduate taught and research programmes are also offered – learn more at www.socialpolicy.bham.ac.uk

The School runs what is believed to be the oldest, continually running **Social Work** training course in the country, which celebrated its centenary in 2008. It also offers a range of undergraduate, postgraduate taught and research programmes, as well as continuing professional and management development opportunities. Successful completion of the BA Social Work leads to the Professional Qualification in Social Work, approved by the General Social Care Council. Find out more at www.socialwork.bham.ac.uk

Teaching and assessment

We use a wide range of teaching methods and assessments, including WebCT (online learning), workshops, presentations, seminars, classes, briefing papers, policy reports, project work and essays. Assessment is mainly through assignments, with some exams and live practice scenarios. Many of our teaching methods are designed with a view to providing you with a range of transferable skills, competencies and confidence which will be relevant to your future career.

Career prospects

Courses offered by the School provide you with the specialist skills required to have a successful career. Many graduates choose to continue into postgraduate study and research upon completion of their degree. The Social Work degree provides you with the specialist skills required to have a successful career in social work and in a wide range of policy areas. The broad range of skills gained on the Social Policy degree opens careers in a variety of areas including youth work, criminal justice, voluntary organisations, advice work, public relations, health promotion, the Civil Service, local government and leisure/sports management.

**Joint
Honours
available**
see pages 64–65

Programmes of study	UCAS code	Typical offer			Places 2010	
		A level	GS	IB	Places 2010	Apps 2008
Single Honours						
BA Social Policy	L400	BBC	✓	30-32	45	231
BA Social Work	L501	BBC	✓	30-32	61	853
Joint Honours – see page 64–65 for subject combinations						
<input type="checkbox"/> BA Sociology						

Please note: typical offer grades are for guidance only and will depend on the subjects you are combining. Other qualifications considered – see the entry requirements section on page 158 for full information. Duration of programmes is normally three years; four years if combined with a modern language.

Essential information

- Applicants for the BA Social Work must demonstrate an understanding of social work, have at least three months related personal or practical experience and complete a satisfactory health declaration and enhanced level Criminal Records Bureau check – we strongly suggest you read carefully the entry requirements on the online course entry at www.undergraduate.bham.ac.uk before applying.
 - Potential applicants may contact Charlotte Howard at c.howard@bham.ac.uk or call +44 (0)121 415 8436 for further information. Applicants are also welcome to attend University open days where they will be able to attend a Social Work presentation and speak to Social Work students and academics.
 - Social Policy undergraduate degree brochures are available from Sue Gilbert
- email: s.c.gilbert@bham.ac.uk
or tel: +44 (0)121 414 5709
- Visits can be arranged for groups of students and school parties who are interested in learning more about Social Policy degree programmes. Please contact Tina Hearn at tina@dragonfly.demon.co.uk if you're interested in visiting us.

Contact details

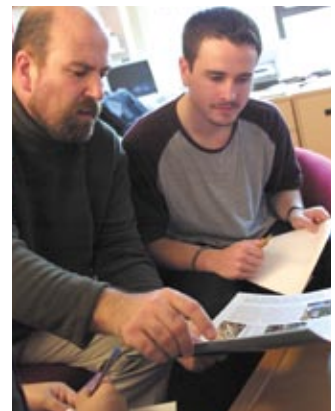
Social Policy

Tina Hearn
t +44 (0)121 414 2505/5709
e tina@dragonfly.demon.co.uk

Social Work

Dawn River
t +44 (0)121 414 2936
e d.h.river@bham.ac.uk

www.about.bham.ac.uk/colleges/socialsciences/socialpolicy.shtml



Full details on all courses can be found at www.undergraduate.bham.ac.uk

Programmes in collaboration with other organisations

U

B



Programmes in collaboration with other organisations

The University of Birmingham accredits and validates a number of degree programmes delivered by other institutions.

University College Birmingham

The College is an independent higher education institution, accredited by the University, teaching programmes that lead to the award of University of Birmingham qualifications.

These include Foundation degrees and a range of well-established Honours degrees (BA and BSc), specialising in Hospitality, Tourism, Leisure, Retail and Food Management. Recent developments include programmes in Sports Management, Events Management, Spa Management with Hospitality and Professional Studies in Community Family Support and Early Years. Some programmes include a placement.

Full details can be obtained through the College's website www.bcftcs.ac.uk or from

Marketing Office
University College Birmingham
Summer Row
Birmingham B3 1JB
Tel +44 (0)121 604 1000

The Queen's Foundation Oscott College

These colleges are separate, independent institutions, specialising in theology and training for the ministry. The colleges have a long-established relationship with the University, and deliver a BA programme in Applied Theological Studies (Queen's) and a BA in Fundamental Catholic Theology (Oscott) awarded by the University.

Further details of the programmes taught by these colleges leading to a University award can be obtained through the websites and addresses below:

The Principal
The Queen's Foundation
Somerset Road
Edgbaston
Birmingham B15 2QH
Tel +44 (0)121 454 1527
www.queens.ac.uk

The Rector
Oscott College
Chester Road
Sutton Coldfield
West Midlands B73 5AA
Tel +44 (0)121 321 5000
www.oscott.net/index.htm

Department of Dental Hygiene and Therapy

The Department is housed within the Birmingham Dental Hospital and forms part of the Dental Directorate of South Birmingham Primary Care Trust. The BSc in Dental Hygiene and Therapy is validated by the University. For further details visit www.dentistry.bham.ac.uk

Alternatively contact
The Director
Department of Dental Hygiene and Therapy
Birmingham Dental Hospital
St Chad's Queensway
Birmingham B4 6NN
Tel +44 (0)121 237 2802

Next steps



You've done the reading. You've done the research. It's time to move from theory to practice. Find out how to visit us, how to apply and how to get on track for university life.

How to apply

For every programme in this prospectus (apart from the International Foundation Programme) you apply online through the Universities and Colleges Admissions Service (UCAS) at www.ucas.com. Here is a brief outline of how to do this.

UK students (via school or college)

All UK schools and colleges (and a small number of establishments overseas) are registered with UCAS to manage their students' applications. With advice from your teacher or a careers adviser, you fill in an online application and submit it to a member of staff. After checking your details and adding the academic reference, your school or college submits the completed application online to UCAS. There is a fee of £9 if you only apply for one course at one university or college, or £19 if you apply for more than one course. You pay this online using a credit card or debit card. You may also be able to pay through your school or college.

Independent UK applicants

Other UK applicants who are not at school or college apply online independently. If you cannot readily seek advice from a teacher, you can instead consult with various careers organisations (such as Connexions). You are responsible for paying the correct application fee, for obtaining and attaching the academic reference and for submitting the completed application online to UCAS.

EU and international applicants

Except for those whose school or college is registered with UCAS, individuals from the EU (excluding the UK) and worldwide apply online independently. Advice is available from British Council offices and other centres overseas, such as your school or college. You are responsible for paying the correct application fee, for obtaining and attaching the academic reference and for submitting the completed application online to UCAS.

For all applicants, the UCAS website contains full details of how to apply plus help text where appropriate to make it as easy as possible for you to fill in your online application. You can also download its comprehensive guide called Applying Online.

The UCAS code number for the University of Birmingham is B32. You should enter this clearly on your UCAS application form.

Make sure you know the UCAS deadlines for your application (see 'Key dates' opposite) and make sure that you meet them. If you are applying via your school or college, remember that your school or college is likely to have earlier deadlines than those stated here so that your teachers can have plenty of time to write the reference supporting your application.

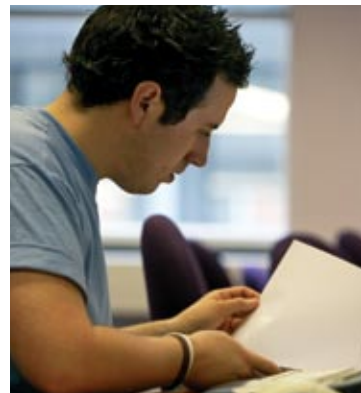
What happens next

Once your application has been received by the University via UCAS, it is considered by the relevant Admissions Tutor. This process takes four to six weeks in most cases and we will write to you when a decision has been made. You will also receive notification from UCAS, and our decision will be visible on UCAS Track.

Conditional and unconditional offers

If you receive an offer, it may be either conditional or unconditional. A conditional offer means that you have not yet satisfied the entry requirements and your offer letter will detail the requirements you still need to meet (for example what A level grades you need to achieve). An unconditional offer means you have already met our requirements and there are no conditions attached to your offer.

Once you have received decisions from all the universities you have applied to, you need to consider your offers carefully and decide which to accept.



Late applications

It is important to apply by the closing date (see 'Key dates' opposite). The procedure for dealing with applications received after this date is set out on the UCAS website. UCAS will continue to forward applications to the University for a period after the closing date for us to consider at our discretion.

Deferred entry

If you are thinking of taking a gap year and are offered a place at Birmingham, we'll normally be happy to delay your entry for a year. If you have not stated on the UCAS application that you would like to defer, please let us know as soon as possible after you receive your offer, so that we can transfer your place for the current year to another candidate.

How to get further information

If we make you an offer we will contact you and send further information. However you may think of questions that we have not covered, in which case you can email admissions@bham.ac.uk

Birmingham VIP

Birmingham VIP is a regularly updated, personalised web page made available to all prospective undergraduate students featuring all the latest news about life at the University.

Once you apply to the University you will automatically join Birmingham VIP, which contains online information relevant to your application with us. We automatically email you with your username and password which will allow you to log on to access all of the following:

- Information about your chosen programme and department
- Register to visit us on an open day
- Details of Applicant Visit Days
- All our latest podcasts
- Updates on what's going on around the campus and in the city

- Download our virtual tours or accommodation videos
- Hints and tips on applying to university
- Links to join us on Facebook, Bebo or Myspace
- Study resources

In addition you will also receive a regular email newsletter throughout the application process which will give you a taste of student life at Birmingham.

www.vip.bham.ac.uk

Key dates

September 2009

Opening date for receipt by the UCAS office of applications for admission in September 2010

15 October 2009

Last date for receipt of applications from those applying for Medicine (A100 and A101) and Dentistry (A200), and from all applicants who include Oxford and Cambridge among their entries

15 January 2010

Last date for receipt of on-time applications from all other UK/EU students: courses which are full are not obliged to consider applications received after this date

5 May 2010

Last date for informing UCAS of your decisions once offers have been made to you (UK/EU students)

30 June 2010

Last date for receipt of applications from international students

Entry requirements

To gain a place at the University of Birmingham, you will need to meet the University's general entry requirements outlined in this section.

In addition to this, you will need to:

- Meet the specific entry requirements of your chosen programme (please see the individual programme entry)
- Be accepted by the Admissions Tutor, who acts on behalf of the Head of College in which your programme is taught

Remember, due to the wide range of qualifications offered by applicants, programme entry requirements should be taken as a guide only. Offers made vary from applicant to applicant.

Although our requirements are based on the standard curriculum followed in England, Wales and Northern Ireland, in practice we accept many types of UK or international qualifications. If your qualifications differ from those mentioned here, please contact the Admissions Tutor of the programme that interests you, or the Admissions Office for advice.

General entry requirements

To meet our general entry requirements you will need one or more of the following:

- Three GCE A levels
- The International Baccalaureate Diploma
- The Welsh Baccalaureate Advanced Diploma
- SQA Highers and Advanced Highers
- The Cambridge Pre-U (minimum three separate subjects)
- A mix of A levels and Cambridge Pre-U subjects (minimum three in total)
- The Irish Leaving Certificate Higher Level
- The European Baccalaureate

Other qualifications are considered, for example:

- The Advanced Diploma
- Appropriate BTEC National or Higher National Qualifications achieved with merit and distinctions
- An Access to Higher Education qualification



If offering qualifications such as these, you should consult the Admissions Office to check if they are suitable for your chosen programme. Candidates offering the Advanced Diploma should ensure that the Additional and Specialist Learning element of their Diploma meets any specific entry requirements for their chosen programme.

Literacy and numeracy are part of our general requirements, normally demonstrated by a GCSE English at grade C or above, and GCSE Mathematics at grade C or above. However, some programmes may require a particular grade in one or both subject(s). This will be noted with the course entry.

Applicants must normally be 17 years old by 1 October of the year in which their programme starts.

Special requirements

Some programmes, especially those in the medical or health sciences or where there is contact with vulnerable adults or children, require a full Criminal Records Bureau disclosure and you may also be required to sign a Code of Professional Conduct and Fitness to Practise. This will be indicated in the programme entry.

Programmes in the health sciences may require immunisation for a range of antigens (for example Hepatitis B) and a satisfactory health declaration as a condition of entry.

AS levels

Additional AS levels are encouraged, but not compulsory in most subjects. Some programmes may require an AS level subject if not offered at A level. This will be noted with the programme entry.

The University will receive notification of the unit grades you have achieved in your AS and A2 level examinations in August 2010. This information may be used when considering applicants who

have just missed the terms of their offer. The University does not make offers based on specific unit grades.

Additional qualifications

Qualifications taken in addition to your main exams, such as the Extended Project, will improve your application by enabling you to develop skills that will be useful in higher education study. Although we do not normally make offers based on such qualifications, we encourage applicants to take them and to note them on their application forms.

Key skills qualifications, or relevant experience, are not a compulsory element of the general entry requirements, and will not normally form part of the conditions of any offer. However, additional qualifications and activities may strengthen your application. For example, we would be interested to hear if:

- You have developed your personal skills by taking courses such as General Studies, Critical Thinking, the Understanding Industry Award or Foreign Languages at Work
- You have broadened your experience through schemes such as Young Enterprise or the Duke of Edinburgh's Award, or through community volunteering, employment, sport or music
- You have taken part in the Open University's Young Applicants in School and Colleges Scheme

Access to Birmingham (A2B) Scheme

The Access to Birmingham (A2B) Scheme was created in 2000 and is designed to help students in the West Midlands from families and communities who have little or no experience of higher education find out about what studying at university involves, and gain support through the application process

To apply for the scheme, students must be from a state school or college that has signed up to the A2B scheme with the Outreach Office at the University of Birmingham and must meet some of the following criteria:



- Students are from a family with little or no experience of higher education
- The main income earners in the family are not in professional occupations, ie. not teachers, doctors, solicitors
- Students should attend a school or college or live in an area with low rates of progression to higher education
- Teachers recommend the student to apply via the A2B route because there has been significant disruption to the student's education or a recognised disability

If your application is successful we may be able to make you an alternative offer. This will typically mean that, if you successfully complete the Higher Education Learning Module and other elements of the A2B Scheme, you will receive an A level (or equivalent) offer up to two grades lower than the standard offer.

It is important to stress that a two grade reduction in the offer from the University is not guaranteed, but your application to the A2B scheme, if successful, will support your application to one of our degree programmes.

For more details about the scheme and how to apply, visit www.prospectus.bham.ac.uk/a2b

Applicants who have been away from education

We encourage applications from people who have been out of education for some time and who may not meet the standard programme entry requirements. The Admissions Tutor of the programme that interests you will be happy to advise on the suitability of your qualifications and experience.

You may be invited to attend an informal interview or to take a test or submit a piece of written work.



You may also be advised to undertake an Access course before applying. This is a pre-university course for students returning to study, offered by colleges country-wide. More information on access courses can be found here: www.accesstohe.ac.uk

Learn more

For advice on specific courses, contact the Admissions Tutor listed in the programme entry or visit the relevant department's website. For general advice, email: admissions@bham.ac.uk or telephone +44 (0)121 415 8900.

For international students, specific application information can be found on pages 36–37.

Please note that this prospectus is prepared around a year before applications are received. Therefore it is essential that you go online to get the latest information on entry requirements at www.bham.ac.uk or www.ucas.ac.uk

Essential information for all applicants

These notes are important.
Please 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
- 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 offer letter and registration documentation) is available on the University's website at www.ppd.bham.ac.uk

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.marketing.bham.ac.uk/admissions/index.htm

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 a disability (including dyslexia), 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 Team can be contacted by telephone on 0121 414 5130 or by email at disability@bham.ac.uk. Further information is also available at www.as.bham.ac.uk/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 Children, Schools and

Families 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

At the time of going to print, discussions were being held between the General Medical Council and university medical schools relating to revision of regulations on the screening and admission of students with blood-borne viruses. These and other regulations are subject to change from time to time and you are advised to consult the relevant college website for up-to-date information.

Deferred entry

Applicants who wish to apply for deferred entry should enter this against the University of Birmingham choice on their UCAS form. Applicants wishing to defer entry until September 2011 must meet all the conditions of their offer by 31 August 2010.

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.finance.bham.ac.uk

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.

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.payments.bham.ac.uk

Scholarships

The University has a range of student scholarship schemes which recognise both excellence in achievement at secondary level and the financial situation of our students. Full details of the

schemes, including the Birmingham Grant and Birmingham Scholarship, aimed at students from lower-income households, are available at www.scholarships.bham.ac.uk

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 at www.studserv.bham.ac.uk or the Department for Children, Schools and Families at www.dfes.gov.uk/studentssupport

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
- Race equality policy
- Discrimination and harassment guidance
- Data protection policy
- Public interest disclosure policy
- Rules on car parking on University premises

Further details of these requirements can be found at www.student.bham.ac.uk/new/handbook

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 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 Criminal Records Bureau checks will be used only in accordance with the CRB's code of practice (see www.disclosure.gov.uk).

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.

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. In extreme circumstances the University may have to discontinue your programme (for example, because a key member of staff is unwell or leaves the University), or amalgamate modules (for example, because too few students apply to join the programme or because other students on the programme leave the University during the course of the programme, rendering it no longer viable). 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.

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.ppd.bham.ac.uk/policy/cop

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

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 www.bham.ac.uk

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.housing.bham.ac.uk

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 page 51 or visit www.bham.ac.uk/chaplaincy

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.bham.ac.uk

If you have any questions please contact the Undergraduate Admissions Tutor for your school.

Further information

This prospectus was published in February 2009 and refers to entry from September 2010 to July 2011. 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 Registrar and Secretary, who will investigate the matter and reply, in writing, within 21 days of receiving the letter.



By bus

Numbers 61, 62 and 63 travel to the University's Edgbaston and Selly Oak campuses, while the 21 and 44 serve the Medical School and Queen Elizabeth Hospital. The services all run frequently from the city centre. There is a travel information office outside Birmingham New Street station, where you can obtain bus timetables and departure point information. Maps can be found throughout the city centre indicating bus stop locations.

By taxi

There are taxi ranks at Birmingham New Street station and throughout the city centre. The journey to the University takes about ten minutes.

By air

Birmingham International 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

UK Railways on the Net

Tel: +44 (0)845 748 4950

www.rail.co.uk

National Express (coach)

Tel: +44 (0)870 580 8080

www.nationalexpress.com

Travel West Midlands (bus/metro)

Tel: +44 (0)870 608 2608

www.travelwm.co.uk

Centro Travel

Tel: +44 (0)121 200 2700

www.centro.org.uk

Birmingham tourism information

Tel: +44 (0)870 225 0127

www.beinbirmingham.com

Birmingham International Airport

Tel: +44 (0)8707 335511

www.bhx.co.uk

Directions to the Dental School

The Dental School is located in Birmingham city centre.

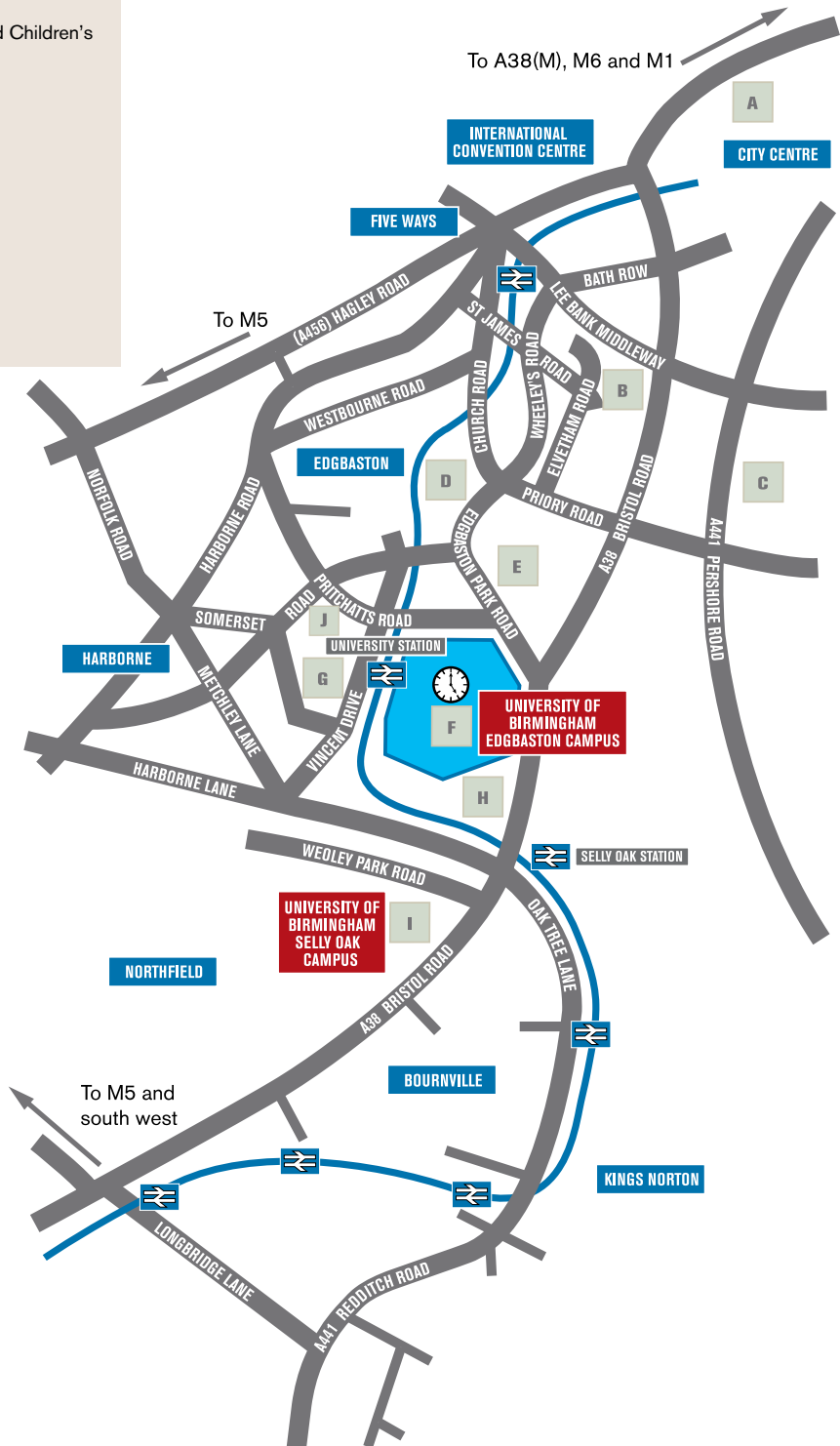
Detailed directions can be found on the University's website at

www.location.bham.ac.uk or on www.viamichelin.com. Click on the link to 'Maps', type 'Birmingham' in the destination city with the postcode 'B4 6NN'.

There are also a number of University locations away from the city. For directions to Stratford-upon-Avon (the Shakespeare Institute), Ironbridge (the Ironbridge Institute), and Coniston in the Lake District (the Priestley Centre) please refer to our website at www.location.bham.ac.uk

University locations

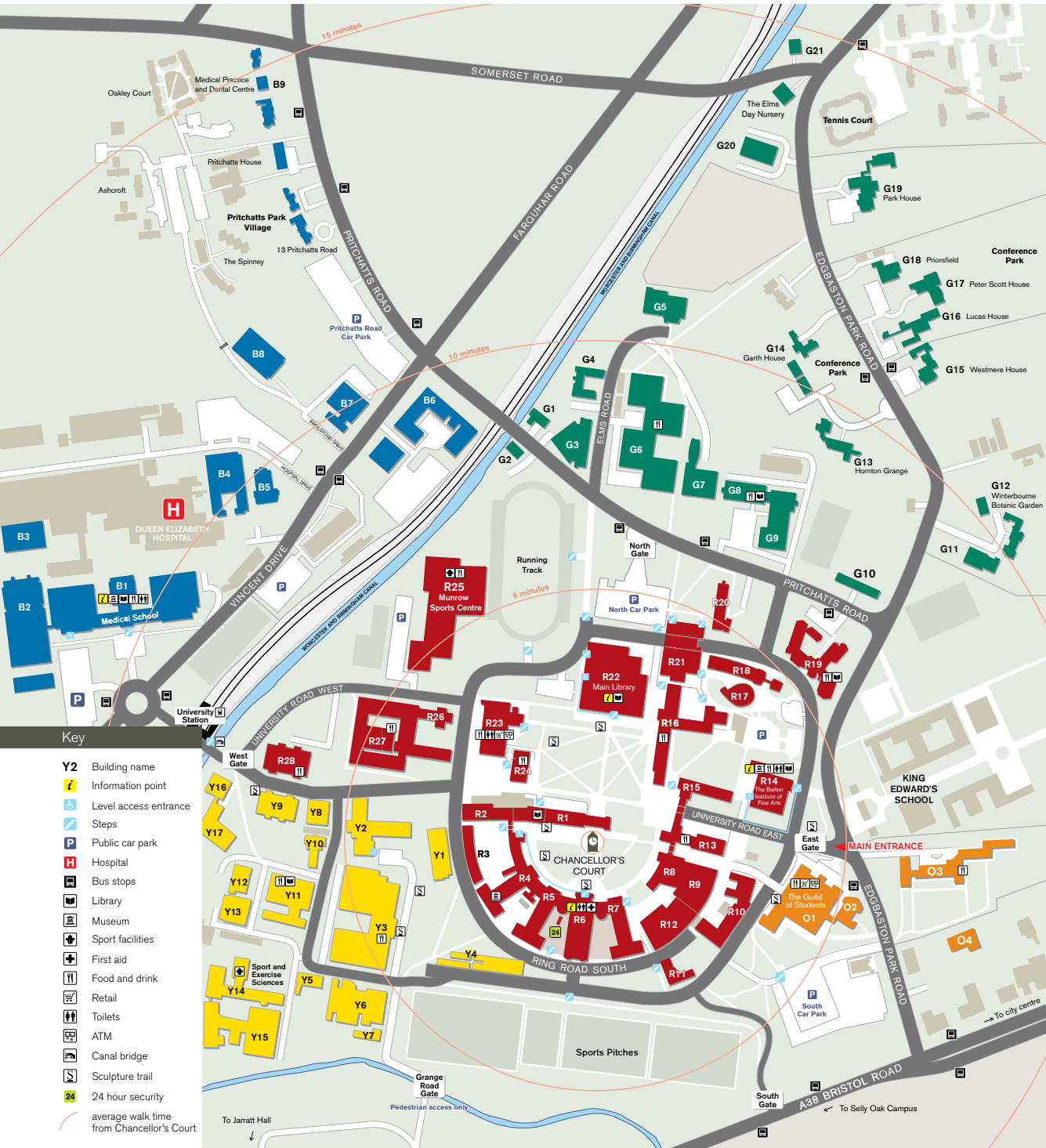
- A School of Dentistry and Children's Hospital NHS Trust
- B The Beeches
- C Hunter Court
- D The Vale
- E Conference Park
- F Edgbaston campus
- G Medical School
- H Jarratt Hall
- I Selly Oak campus
- J Pritchatts Park




















The Edgbaston campus

Academic Services	R7	European Research Institute	G3	Mathematics	R15
Academic and Student Administration	R7	European Resource Centre	G3	Mechanical and	
Admissions and Recruitment	R7	Examinations Office	R7	Manufacturing Engineering	Y3
American and Canadian Studies	R16			Medical Physics	R11
Aston Webb Reception	R6	Finance Office	R5	Medical School	B1
		Financial Support Office	R7	Medical Sciences	B1
Barber Institute of Fine Arts	R14	French Studies	R17	Medieval History	R16
Biosciences	R27			Metallurgy and Materials	G6
Birmingham Archaeology	G6	Geography, Earth and		Modern History	R16
Botanic Garden at Winterbourne	G12	Environmental Sciences	R4, R26, Y17	Music	R14, R16
Business School	O3	German Studies	R17		
		Great Hall	R6	Neuroscience	B1
Cancer Studies (CRUK Institute)	B5	Guild of Students	O1	Nursing	G9
Careers Centre	R23				
Centre for Learning, Innovation and		Health Sciences	G9	Philosophy	R16
Collaboration (formerly CETADL)	G8	Health Services Management Centre	G19	Physics and Astronomy	R8, R10, R13
Centre for Modern Languages	R17	Hispanic Studies	R17	Physiotherapy	G9
Centre for Russian and East		Historical Studies	R14, R16	Political Science and	
European Studies	G3	History of Art	R14	International Studies	G3
Centre for Studies in Security		History of Medicine	B1	Primary Care, Public and	
and Diplomacy	G3	Housing Services	R23	Occupational Health	R28, Y16, Y17
Centre for the Study of Global Ethics	R16	Humanities	R16, R17	Psychology	R2, R3, B4
Centre for Urban and Regional Studies	R20			Public Policy	R20
Centre of West African Studies	R16	Immunity and Infection	B1, B2		
Chemical Engineering	Y11	Institute of Applied Social Studies	Y4	Social Sciences	G2
Chemistry	Y2, Y8	Institute of Archaeology		Sociology	G1
Civil Engineering	Y3	and Antiquity	G6, R16	Special Collections	R22
Computer Science	Y9	Institute for German Studies	G3	Sport and Exercise Sciences	Y14
		Institute of Local Government Studies	R20	Sports Centre	R25
Dentistry – See page 167		Institute of Occupational and		Student Fees Section	R5
Drama and Theatre Arts	R16	Environmental Medicine	Y16	Student Support and	
		Interdisciplinary Research Centre		Counselling Service	G4
Earth Sciences	R4, R26	Net Shape Laboratory	G7	Students' Union	O1
Economics	B7	International Development Department	R20	Study Abroad Office	R7
Education – See also page 170	R19	International Office	R7		
Education Library	R19	Italian Studies	R17	Theology and Religion	
Electronic, Electrical and				– See also page 170	R16
Computer Engineering	G8	Lapworth Museum	R4		
English for International Students Unit	G15	Law	R1	Undergraduate Admissions	R7
English	R16	Learning Centre	R28	Universitas 21 Office	R18
Environmental Health and					
Risk Management	R26, Y17	Main Library	R22	Winterbourne Botanic Garden	G12
European Languages and Cultures	R17	Mason Lounge	R16		

 **The Vale**
see page 171



- Key**
- Y2** Building name
 -  Information point
 -  Level access entrance
 -  Steps
 -  Public car park
 -  Hospital
 -  Bus stops
 -  Library
 -  Museum
 -  Sport facilities
 -  First aid
 -  Food and drink
 -  Retail
 -  Toilets
 -  ATM
 -  Canal bridge
 -  Sculpture trail
 -  24 hour security
- average walk time from Chancellor's Court

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.



The Vale

The Vale student village, just 15 minutes walk from the Edgbaston campus, is set in landscaped parkland with its own lake and wildlife. At the heart of the Vale is the Hub, with its wide range of facilities including bars, cafés, a launderette and shop.



Index

- A**
- [Accommodation](#) 26–29, 33
 - Accounting and Finance 142, 144
 - [Advice, Help and](#) 44–53
 - African Studies 64–65, 74–75
 - African Studies with Anthropology 64–65, 75
 - African Studies with Development 75
 - [Alumni](#) 60–61
 - American and
 - Canadian Studies 64–65, 72–73
 - American Literature, English and 73
 - Analytical Science, Chemistry with 93
 - Ancient and Medieval History 74–75
 - Ancient History 74
 - Ancient History,
 - Archaeology and 64–65, 76–77
 - Anthropology 64–65, 76–77
 - Anthropology,
 - African Studies with 64–65, 75
 - Applied Geology,
 - Resource and 113, 117
 - Applied Golf Management Studies 147
 - Applied Mathematics, Theoretical
 - Physics and 106–107
 - Applied Theological Studies 154
 - [Applying to Birmingham](#) 156–160
 - Archaeology 64–65, 76–77
 - Archaeology
 - and Ancient History 64–65, 76–77
 - Archaeology,
 - Geology and 64–65, 76–77, 117
 - Art, History of 64–65, 81, 83
 - Artificial Intelligence and
 - Computer Science 96–97
 - Arts Subject,
 - Computer Science and an 64–65, 97
 - Arts Subject,
 - Mathematics and an 64–65, 101
 - Astrophysics, Physics and 106–107
 - Automotive
 - (Mechanical Engineering) 102–103
- B**
- Banking and Finance, Money, 143, 145
 - Banking and Finance
 - with a Language, Money, 143, 145
 - Biochemistry 111–112
 - Biochemistry (Genetics) 111–112
 - Biochemistry, Medical 111–112
 - Biochemistry, as part of
 - Natural Sciences 122–123
 - Biochemistry with
 - Biotechnology 111–112
 - Biochemistry with
 - Molecular Cell Biology 111–112
 - Biochemistry with
 - Professional Placement 111–112
 - Biochemistry with Study
 - in Continental Europe 111–112
 - Biological Sciences 111–112
 - Biological Sciences
 - (Biotechnology) 111–112
 - Biological Sciences
 - (Environmental Biology) 111–112
 - Biological Sciences (Genetics) 111–112
 - Biological Sciences
 - (Microbiology) 111–112
 - Biological Sciences
 - (Plant Biology) 111–112
 - Biological Sciences
 - with Professional Placement 111–112
 - Biological Sciences with Study
 - in Continental Europe 111–112
 - Biological Sciences (Zoology) 111–112
 - Biology, as part of
 - Natural Sciences 122–123
 - Biology, Human 111–112
 - Biology, Human,
 - with Professional Placement 111–112
 - Biomedical Materials Science 126–129
 - Biomedical (Mechanical Engineering) 103
 - Bio-organic Chemistry, Chemistry with 93
 - Biotechnology,
 - Biochemistry with 111–112
 - Biotechnology
 - (Biological Sciences) 111–112
 - [Birmingham, The city of](#) 20–23
 - [Budgeting](#) 44–45
 - Business, International 143–144
 - Business Management 142, 144
 - Business Management,
 - Chemical Engineering with 91
 - Business Management,
 - Chemistry with 92–93
 - Business Management,
 - Civil Engineering with 95
 - Business Management, Communications
 - Systems Engineering with 98–99
 - Business Management, Computer
 - Interactive Systems with 98–99
 - Business Management, Computer
 - Science with 96–97
 - Business Management, Computer
 - Systems Engineering with 98–99
 - Business Management, Electronic
 - Engineering with 98–99
 - Business Management,
 - Engineering with 103
 - Business Management,
 - European 143–144
 - Business Management,
 - Materials Science and
 - Engineering with 105
 - Business Management,
 - Mathematics with 101
 - Business Management,
 - Physics with 107
 - Business Management with
 - Communications 142, 144
 - Business Management
 - (Year in Industry) 142, 144
 - Business, Programmes in 142–145
 - Business with Communications,
 - International 143–144
 - Business with Language,
 - International 143–144

- Business Studies, Law with 85
 Business Studies,
 Modern Languages with 80, 83
- C**
- Canadian Studies,
 American and 64–65, 72–73
 Careers 56–59
 Catalan, see Modern Languages
 Chemical and Energy Engineering 91
 Chemical Engineering 90–91
 Chemical Engineering
 Foundation Year 90–91
 Chemical Engineering
 (Industrial Experience) 90–91
 Chemical Engineering
 (International Study) 90–91
 Chemical Engineering
 with Business Management 90–91
 Chemical Engineering
 with Foundation Year 90–91
 Chemistry 92–93
 Chemistry,
 as part of Natural Sciences 122–123
 Chemistry Foundation Year 93
 Chemistry Foundation Year,
 International 93
 Chemistry with a Modern Language 93
 Chemistry with Analytical Science 92–93
 Chemistry with Bio-organic Chemistry 93
 Chemistry
 with Business Management 92–93
 Chemistry
 with Environmental Science 92–93
 Chemistry
 with Industrial Experience 92–93
 Chemistry with Pharmacology 92–93
 Chemistry with Psychology 92–93
 Chemistry with Study Abroad 92–93
 Childhood, Culture and Education 147
 Chinese (Mandarin),
 International Business with 144
 see also Modern Languages 78–80
 and Modern Languages with
 Business Studies 80, 83
 Civil Engineering 94–95
 Civil Engineering, and
 Energy Engineering 95
 Civil Engineering
 with Business Management 95
 Civil Engineering with Foundation Year 95
 Civil Engineering
 with Industrial Experience 94–95
 Civil Engineering
 with International Study 94–95
 Civilisation, Classical
 Literature and 64–65, 76–77
 Classical Literature
 and Civilisation 64–65, 76–77
 Collaborative Programmes 154
 Communications,
 Business Management with 142, 144
 Communications Engineering,
 Electronic and 98–99
 Communications,
 International Business with 143–144
 Communication Systems
 Engineering 98–99
 Communication Systems Engineering
 with Business Management 98–99
 Community Family Support
 and Early Years 154
 Coaching Science, Sport, Physical
 Education and 147
 Computer Engineering, Electronic and 99
 Computer Interactive Systems 98–99
 Computer Interactive Systems with
 Business Management 98–99
 Computer Science 64–65, 96–97
 Computer Science,
 as part of Natural Sciences 122–123
 Computer Science,
 Artificial Intelligence and 96–97
 Computer Science,
 Mathematics and 64–65, 101
 Computer Science,
 Pure Mathematics and 64–65, 101
 Computer Science/
 Software Engineering 96–97
 Computer Science
 with Business Management 96–97
 Computer Science and
 an Arts Subject 64–65, 97
 Computer Systems Engineering 98–99
 Computer Systems Engineering with
 Business Management 98–99
 Computing and Artificial Intelligence,
 Programmes in 96–97
 Cosmology, Physics
 with Particle Physics and 106–107
 Creative Writing, English with 73
 Culture, Society and
 Communication (Europe) 81, 83
 Culture, Society and Communication
 (Europe) with a Modern Language 81, 93
- D**
- Dental Hygiene and Therapy 126–129
 Dental Surgery 127–129
 Development, African Studies with 74–75
 Disabilities, support for applicants with 50
 Drama and Theatre Arts 64–65, 72–73
- E**
- Early Years,
 Community Family Support and 154
 Earth Sciences,
 as part of Natural Sciences 122–123
 East Mediterranean
 History 64–65, 76–77
 Economic and Social History 74–75
 Economics 64–65, 142–144
 Economics
 and Statistics, Mathematical 142–144
 Economics, International Studies with 150
 Economics, Planning and 145
 Economics with Language (French,
 German, Italian, Japanese,
 Portuguese or Spanish) 142–144

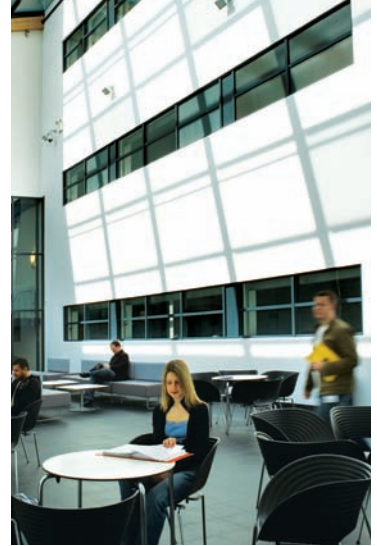
- Economy, Political 148, 150
- Education, Childhood, Culture and 147
- Education, English Language and Literature in 147
- Electrical and Energy Engineering 98–99
- Electrical Engineering,
Electronic and 98–99
- Electronic and Communications Engineering 98–99
- Electronic and Computer Engineering 98–99
- Electronic and Electrical Engineering 98–99
- Electronic and Electrical Engineering with Foundation Year 98–99
- Electronic and Software Engineering 98–99
- Electronic Engineering 98–99
- Electronic Engineering with Business Management 99
- Energy Engineering, Chemical and 91
- Energy Engineering, Civil and 94–95
- Energy Engineering, Electrical and 98–99
- Energy Engineering,
Materials Science and 104–105
- Engineering, Mathematical 101
- Engineering, Programmes in 68
- Engineering
with Business Management 103
- Engineering with Foundation Year 103
- Engineering with Business Management with Foundation Year 103
- English 72–73
- English and American Literature 73
- English Language 64–65, 72–73
- English Language and Literature in Education 147
- English Language/Linguistics
see English; see also
Modern Languages 78–81, 83
- [English language requirements for international students](#) 36–37
- English Law, Certificate in 84–85
- English Literature 64–65, 72–73
- English Literature, Modern Languages with 64–65, 80–83
- English, Medieval 73
- English with Creative Writing 72–73
- [Entry requirements](#) 158–159
- [Entry requirements for international students](#) 36–37
- [Environmental action at Birmingham](#) 11–12
- Environmental Biology (Biological Sciences) 111–112
- Environmental Geoscience 113–117
- Environmental Geoscience with an International Year 115–117
- Environmental Management 115, 117
- Environmental Science 115, 117
- Environmental Science, Chemistry with 92–93
- Environmental Science with a Professional Placement Abroad (Australasia) 115, 117
- European Business Management 144
- European Politics, Society and Economics 150
- European Studies (Politics), Modern Languages and 150
- European Studies (Society, Culture and History), Modern Languages and 83, 150
- Events Management 154
- Exercise Sciences, Sport and 120–121
- F**
- [Fees](#) 44
- Film Studies,
Modern Languages and 64–65
- Film Studies,
Modern Languages with 80, 83
- Finance, Accounting and 142–144
- Finance, Money, Banking and 143–145
- Finance with a Language, Money, Banking and 143–145
- [Financial support](#) 46–47
- [Foundation programmes](#) 62
- French Studies 64–65, 83
- French, International Studies with 150
- French, Law with 81, 85
- Fundamental Catholic Theology 154
- G**
- Genetics (Biochemistry) 112
- Genetics (Biological Sciences) 112
- Geography 64–65, 115–117
- Geography,
as part of Natural Sciences 122
- Geography and Urban and Regional Planning 64–65, 143, 145
- Geography,
Geology and 64–65, 114, 117
- Geology 64–65, 113–114, 117
- Geology and Archaeology 64–65, 117
- Geology and Geography 64–65, 114, 117
- Geology with an International Year 117
- Geoscience, Environmental 113–114
- German, International Studies with 150
- German, Law with 81, 85
- German Studies 64–65, 83
- Golf Management Studies, Applied 147
- Graduate Diploma in Legal Studies 84–85
- Graduate-entry Course, Medicine and Surgery MBChB 132, 134
- [Grants, Scholarships and](#) 47–49
- [Guide to programme entries](#) 62–69
- [Guild of Students \(students' union\)](#) 13–15
- H**
- Hispanic Studies 64–65, 78, 82–83
- History 64–65, 74–75
- History, Ancient 74–75
- History, Ancient and Medieval 74–75
- History and Social Science 74–75
- History, East Mediterranean 77
- History, Economic and Social 74–75
- History, Medieval English and 73
- History of Art 64–65, 78, 81, 83
- Human Biology 111–112

- Human Biology
with Professional Placement 112
- Hygiene and Therapy, Dental 126–129
- I**
- Industrial Experience
(Chemical Engineering) 90–91
- Industrial Experience,
Chemistry with 92–93
- Industrial Experience,
Civil Engineering with 94–95
- Interactive Systems with Business
Management, Computer 99
- [International applicants,
information for](#) 36–39
- International Business 143–144
- International Business with
Communications 144
- International Business with Language
(French, German, Italian, Spanish,
Japanese, Russian or Mandarin) 144
- [International community, Our](#) 32–35
- International Foundation
Programme in Business, Law,
Arts and Social Sciences 38–39
- International Relations 64–65, 148–150
- International Studies with a
Language (French, German
or Spanish) 64–65, 148–150
- International Studies
with Economics 64–65, 150
- International Studies
with Political Science 64–65, 150
- International Study
(Chemical Engineering) 91
- International Study,
Civil Engineering with 95
- Islamic Studies 64–65, 87
- Italian Studies 64–65, 78–80, 83
- J**
- Japanese 78, 144
- Joint Honours programmes 62–65
- L**
- Languages, Modern 64–65, 78–81, 83
- Law, Certificate in English Law 84–85
- Law LLB 84–85
- Law, Programmes in 84–85
- Law with Business Studies 85
- Law with French 81, 85
- Law with German 81, 85
- Legal Studies,
Graduate Diploma in 84–85
- [Learning experience, The](#) 8–12
- Literature and Civilisation,
Classical 64–65, 76–77
- LLB for Graduates 84–85
- M**
- [Maps and directions](#) 165–171
- Management, Business 142, 144
- Management, Environmental 115, 117
- Materials Engineering,
Mechanical and 104–105
- Materials Engineering (Metallurgy) 104–105
- Materials Science
and Energy Engineering 104–105
- Materials Science and Engineering
with Business Management 105
- Materials Science and Technology/
Materials Engineering 105
- Materials Science,
Biomedical 126–127, 129
- Materials Science, Sports and 104–105
- Mathematical Economics
and Statistics 144
- Mathematical Engineering 101
- Mathematics 64–65, 100–101
- Mathematics,
as part of Natural Sciences 122–123
- Mathematics
and an Arts Subject 64–65, 101
- Mathematics
and Computer Science 64–65, 101
- Mathematics
and Sports Science 64–65, 101
- Mathematics Foundation Year 101
- Mathematics, Modern Languages
with 64–65, 79–80, 82–83
- Mathematics with
Business Management 101
- Mathematics with Philosophy 64–65, 101
- Mathematics with Psychology 101
- Mathematics with Study
in Continental Europe 101
- MBChB, Medicine and Surgery 132–135
- MBChB Graduate-entry Course,
Medicine and 132–135
- Mechanical
and Materials Engineering 104–105
- Mechanical Engineering 102–103
- Mechanical Engineering
(Automotive) 102–103
- Mechanical Engineering
(Biomedical) 102–103
- Mechanical Engineering with Business
Management with Foundation Year 103
- Mechanical Engineering
with Foundation Year 103
- Media, Culture
and Society 64–65, 148–150
- Medical Biochemistry 111–112
- Medical Science 130–131
- Medicine and Surgery MBChB 132–135
- Medicine and Surgery MBChB,
Graduate-entry Course 132–135
- Medieval English and History 73
- Medieval History, Ancient and 74–75
- Metallurgy and Materials
with Foundation Year 105
- Metallurgy/Materials
Engineering 104–105
- Microbiology
(Biological Sciences) 111–112
- Modern Language, Chemistry with a 93
- Modern Languages 78–81, 83
- Modern Languages and European
Studies (Politics) 80, 83

- Modern Languages and European Studies (Society, Culture and History) 83
- Modern Languages and Film Studies 80, 83
- Modern Languages (TEFL) 80, 83
- Modern Languages with Business Studies 80, 83
- Modern Languages with English Literature 83
- Modern Languages with Film Studies 80, 83
- Modern Languages with Mathematics 83
- Modern Languages with Music 81–83
- Modern Languages with Psychology 83
- Modern Languages with Theatre Studies 83
- Molecular Cell Biology, Biochemistry with 111–112
- Money, Banking and Finance 143, 145
- Money, Banking and Finance with Language (French, German, Italian, Portuguese or Spanish) 145
- Music 64–65, 78, 81–83
- Music, Modern Languages with 81–83
- ## N
- Nanoscale Physics, Physics with 106–107
- Natural Sciences 122–123
- Natural Sciences with Study in Continental Europe 122–123
- Nursing 136–137
- ## O
- Open days 40–41
- ## P
- Palaeobiology and Palaeoenvironments 114, 117
- Palaeoenvironments, Palaeobiology and Palaeoenvironments 114–117
- Parents and guardians, information for 52–53
- Particle Physics and Cosmology, Physics with 106–107
- Pharmacology, Chemistry with 92–93
- Philosophy 64–65, 86–87
- Philosophy, Mathematics with 101
- Physical Education and Coaching Science, Sport, 146–147
- Physics 106–107
- Physics, as part of Natural Sciences 122–123
- Physics and Applied Mathematics, Theoretical 106–107
- Physics and Astrophysics 106–107
- Physics and Astrophysics (International Study) 107
- Physics Foundation Year 107
- Physics (International Study) 107
- Physics with Business Management 107
- Physics with Nanoscale Physics 106–107
- Physics with Particle Physics and Cosmology 106–107
- Physiotherapy 138–139
- Planning and Economics 64–65, 145
- Planning and Public Policy, Government and Management 145
- Planning, and Social Policy 64–65, 145
- Planning, Urban and Regional, Geography and 64–65, 143, 145
- Plant Biology (Biological Sciences) 112
- Policy, Social 64–65, 151–152
- Political Economy 148–150
- Political Science 64–65, 148–150
- Political Science, International Studies with 148–150
- Politics, Society and Economics, European 150
- Portuguese, see Modern Languages
- Programme entries, Guide to 66–67
- Programmes, List of 68–69
- Programmes, types of 62
- Psychology 118–119
- Psychology, as part of Natural Sciences 122–123
- Psychology, Chemistry with 93
- Psychology, Mathematics with 101
- Psychology, Modern Languages with 80, 83
- Public Policy, Government and Management, Planning and 145
- Pure Mathematics and Computer Science 64–65, 101
- ## R
- Regional Planning, Geography and Urban and 143, 145
- Relations, International 64–65, 150
- Resource and Applied Geology 113, 117
- Resource and Applied Geology with an International Year 117
- Russian Studies 64–65
see also Modern Languages
- ## S
- Scholarships and grants 46–49
- Science, Biomedical Materials 126, 129
- Science, Computer 64–65, 96–97
- Science, Environmental 115, 117
- Science, Materials 104–105
- Science, Medical 130–131
- Science, Political 64–65, 148–150
- Science, Sports and Materials 104–105
- Science, Sports and Mathematics 64–65, 101
- Science with a Professional Placement Abroad (Australasia), Environmental 115, 117
- Science with Business Management, Computer 96–97
- Sciences, Biological 111–112
- Sciences, Natural 122–123
- Sciences, Natural, with Study in Continental Europe 122–123
- Sciences, Sport and Exercise 120–121
- Science, Sports and Materials Technology 64–65, 104–105
- Sciences, Natural, with Study in Continental Europe 122–123

- Social History, Economic and 74–75
 Social Policy 64–65, 151–152
 Social Policy, Planning and 64–65, 145
 Social Science, History and 74–75
 Social Work 151–152
 Sociology 64–65, 151–152
 Software Engineering
 /Computer Science 96–97
 Software Engineering,
 Electronic and 98–99
 Spa Management with Hospitality 154
 Spanish *see* Hispanic Studies
 see also Modern Languages
 Sport and Exercise Sciences 120–121
 Sport at Birmingham 16–17
 Sport, Physical Education
 and Coaching Science 147
 Sports Management 154
 Sports and Materials
 Science 64–65, 104–105
 Sports Science,
 Mathematics and 64–65, 101
 Statistics, Mathematical Economics and 144
 Student life 13–29
 Students' union (Guild of Students) 13–15
 Studies, Computer 64–65, 96–97
 Study Abroad, Chemistry with 92–93
 Support services 50–51
 Surgery, Dental 127–129
 Surgery MBChB Graduate-entry
 Course, Medicine and 132–135
 Surgery MBChB, Medicine and 132–135
 Sustainability at Birmingham 11–12
 Systems Engineering,
 Communications 98–99
 Systems Engineering,
 Computer 98–99
- T**
- Technology, Materials
 Science and 104–105
 Technology, Sports Science
 and Materials 64–65, 104–105
- TEFL (Modern Languages) 80, 83
 Theatre Arts, Drama and 64–65, 72–73
 Theatre Studies, Modern
 Languages with 80, 83
 Theology, Applied Studies in 154
 Theology 64–65, 86–87
 Theoretical Physics 106–107
 Theoretical Physics
 and Applied Mathematics 106–107
- U**
- Urban and Regional Planning,
 Geography and 64–65, 143, 145
- V**
- Visiting the University 40–41
- W**
- War Studies 74–75
- Z**
- Zoology (Biological Sciences) 112





Key dates for your diary

25 and 26 June 2009

Open Days

September 2009

Opening date for applications to UCAS

12 September 2009

Open Day

15 October 2009

Closing date for applicants for Medicine and Dentistry and all applicants who include Oxford and Cambridge among their entries

15 January 2010

Last date for receipt of applications from all other UK/EU students

30 June 2010

Last date for receipt of applications from international students

Mid-August 2010

A level results published; UCAS Clearing begins

Week commencing **27 September 2010**

Start of the autumn term

Designed and produced by Design and Publications, Creative Media, University of Birmingham

Photography: David Green/
Molyneux Associates/Tracey Gibbs
Print: Sterling Solutions
© University of Birmingham,
February 2009

Thank you to all the students, staff, alumni and friends of the University who have contributed to this publication.

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.

Alternative formats

This prospectus can be made available in other formats. Please telephone +44 (0)121 414 7178 or email formats@contacts.bham.ac.uk

UNIVERSITY OF
BIRMINGHAM

Edgbaston, Birmingham,
B15 2TT, United Kingdom

www.bham.ac.uk



When you have finished with
this prospectus please recycle it

100% recycled

This prospectus is printed
on 100% recycled paper