



# Open Days

Thursday 20 June 2013 Saturday 14 September 2013

www.bath.ac.uk/opendays

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This prospectus is published for the guidance of students who wish to enter the University in the 2014 – 2015 academic year. The information in this publication is correct at the time of going to press, but all matters contained in the prospectus are subject to change from time to time both before and after a candidate's admission. The University may at its discretion, and for any reason, alter or not offer courses or parts of courses.

If you require the prospectus in large print, braille or electronic format, please contact the Admissions Office.

University of Bath Claverton Down, Bath BA2 7AY

Admissions Information

Our Programmes

#### www.bath.ac.uk/study/ug

Tel: +44 (0)1225 388388 (switchboard)
Tel: +44 (0)1225 383019 (Admissions Office)

Fax: +44 (01225 386366

Enquiry form: www.bath.ac.uk/ask-admissions

Entry Requirements and Qualifications

UCAS code: B16

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44 46

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Scan this code with the QR\* reader on your mobile phone for more information about undergraduate study at the University of Bath

\*QR code readers are available free online. Search the internet for a list of free providers and compatible phone types.



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# The University of Bath – at a Glance

The University of Bath is one of the UK's leading institutions offering:

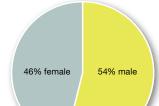
- an excellent academic reputation
- outstanding graduate employment
- leading placement opportunities
- a supportive learning environment
- a global network of partners in business, the professions, the public sector and the voluntary sector.

THE SUNDAY TIMES

THE SUNDAY TIMES

- 10,563 undergraduates and 4,574 postgraduates
- 54% male, 46% female
- 30% of students come from outside the UK. Students come from over 100 countries including China, Hong Kong, India, Germany, France, Spain, Malaysia, Cyprus, Italy, Greece and Thailand
- Completion rate for full time undergraduates: 93%
- 60% of Bath students undertake a work placement as part of their degree

4,574 postgraduates 10,563 undergraduates



"The majority of undergraduates take courses with placements which helps to produce consistently outstanding graduate employment figures."

The Times Good University Guide 2012

or a period of study abroad,

"Our mission is to deliver world class research and teaching, educating our graduates to become future leaders and innovators, and benefiting the wider population through our research, enterprise and influence."



The Times Good University Guide 2012

#### University of Bath students have:

- a £5.5m Student Centre that opened in 2010
- a Students' Union recognised by the NUS as one of the top three in the UK
- over 100 clubs and societies to choose from, from Curry Appreciation to Student
- among the best sports facilities of any university in the country
- one of only a handful of libraries in the UK open 24/7
- an Institute of Contemporary Interdisciplinary Arts (ICIA) on campus offering a wide range of creative opportunities including dance, music, photography and ceramics.





## www.bath.ac.uk/study/ug/why

#### Watch this video to find out more about the University



#### Our campus is...

- set amongst green fields, overlooking the City of Bath which is about a mile away
- one of the safest campuses in the UK, recognised with a national police security award
- compact and purpose-built, with all major facilities easily accessible from a central parade.

"Students like the community feel of campus life, and one of the lowest dropout rates in Britain suggests that they are well supported."

The Times Good University Guide 2012

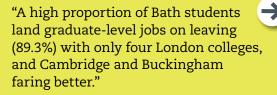




**91%** overall satisfaction score 2012 National Student Survey

#### **City facts**

- Population of 83,992
- Established as a spa resort by the Romans in AD 43
- The only city in the UK included in UNESCO's world heritage list
- Has five theatres, and holds music, film, literature and beer festivals every year
- Has countless restaurants, cafes and pubs – and the new SouthGate Bath shopping centre
- 90 minutes to London by train, and just 15 minutes to Bristol



The Sunday Times University Guide 2013





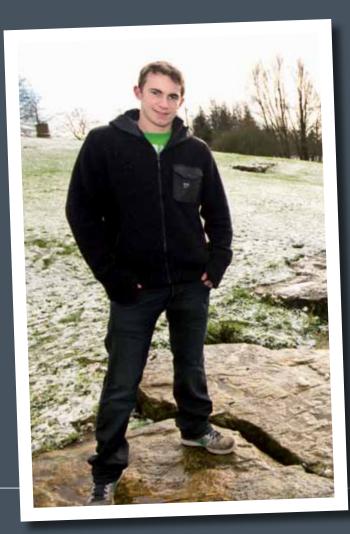
Photo: Thermae Bath Spa



"Many years of sustained academic excellence [have] seen the university establish itself as one of our premier seats of learning for science, engineering, social sciences and management, in particular."

The Sunday Times University Guide 2013

# **Student Experiences**



#### Life at Bath

Alex Huttunen, MMath (Hons) Mathematics 2008-2012

"I can't imagine anywhere being much better than Bath for going to university. It is exactly how good I hoped it would be (and I had high expectations!). In my first year I lived in the campus accommodation in town and every day I'd get off the bus two stops early to walk through the city a different way. Now in my fourth and final year I'm still finding excuses to get into town.

My favourite thing about Bath is the atmosphere; although it is a city it's still quite small and really very friendly. If you've never met a cheerful bus-driver before, Bath's a great place to start looking for one

I have found Bath to be a lively, jovial and beautiful place to live. What has surprised me the most is how that lovely happy mood of the city spreads into all the student areas. I was a little worried about what it would be like but it does really feel like a big student community.

It felt like home from the moment I got here and I didn't want to leave... and in fact I haven't! Each summer I've found ways of staying in and around Bath and it's given me a great chance to experience everything the city has to offer, as well as earning some money in some of the lovely country pubs in the vicinity.

I now know Bath better than I know anywhere else and it has been an absolute pleasure studying here."

"It felt like home from the moment I got here and I didn't want to leave... and in fact I haven't! Each summer I've found ways of staying in and around Bath and it's given me a great chance to experience everything the city has to offer..."

#### An international community

**Karoline Oppen Berntsen,** BSc (Hons) Politics with International Relations 2011-2014

"As an international student from Norway, coming to Bath has been an amazing experience for me. One might think that going by yourself to a new country is scary, but here at Bath getting to know people is not a problem. There is such a friendly atmosphere and they have a range of activities that you can get involved with to meet new people with similar interests as you.

Currently I am living in Woodland Court in halls. To my big surprise, none of my flatmates are English! This is the sort of thing that may happen in Bath, and, coming from a small town in Norway, I find the diversity of people here refreshing. We all get along brilliantly and seeing as I am studying international relations, meeting people from different cultures has been a great experience. The halls themselves are lovely, with large kitchen units which we all share, and in Woodland we have our own en-suites which are a wonderful luxury. It is great as you have lots of wall space to put up posters and photos, making it really feel like your own. There was also a great sense of community, especially during Freshers' Week, with people from other flats coming round and vice-versa!

To get to know more people I joined the Bath Model UN society: this is good for discussing international affairs and to do something different. For sports I do handball, which is not common in the UK, but big in Scandinavia. I bet what ever you are interested in continuing doing or trying out, they'll have it here!"



### www.bath.ac.uk/study/ug

#### **Getting involved**

Gemma Isherwood, BSc (Hons) Psychology 2010-2014

"There's no doubt that I made the right choice for university; I love my course. The lectures are really engaging and support is available from all kinds of places if you need it. I think Moodle (our online learning space) is brilliant when I'm revising and going over lectures - one lecturer even puts up screencasts teaching us how to use the software we need!

One of the best things outside my course, in my opinion, is the Students' Union. I'm really involved in Student Media and I think it adds a whole new aspect to University life. I've met hundreds of new people through it and had some great opportunities. The only problem I have is not having enough hours in the day! It shows just how much you can do outside of your degree."





# Living at Bath



# Am I guaranteed University accommodation as a first year?

University accommodation is guaranteed for one academic year to all new-to-Bath, full-time students in their first year, providing they:

- are studying Bachelors' and Masters' undergraduate programmes
- have selected Bath as their firm choice
- have accepted their offer and applied online for their accommodation before the guaranteed accommodation deadline in their year of entry.

#### Where will I live?

We offer 3,600 bedrooms for students in Bath. Two-thirds of these are located on campus. Our city-campus accommodation complexes are located around the city centre, approximately 2km from the University campus. You can easily get to the campus using the frequent bus services from the city centre. Find out more:

www.bath.ac.uk/living

#### What choice will I have?

We offer a broad range of room types to suit all budgets, with 40% of our first year complexes now offering ensuite accommodation. Most first-year complexes are similarly organised, with 5-18 single study bedrooms grouped around a self catering communal kitchen (the two catered buildings

at Polden and Brendon Court have larger kitchen group sizes). The majority of kitchen groups are mixed but you can choose all male or all female if you prefer.

The demand for certain residences is very high, so we cannot guarantee to fulfil all preferences, but every effort will be made to ensure that the fee level and room type are comparable to those of your preferred option. To see which rooms are right for you, browse our accommodation at:

www.bath.ac.uk/living-types

# Catered option – available at Polden Court and Brendon Court

Under the catered option, using the Eat and Drink student card, students have their library card loaded with a value that can be spent in various eateries on campus.

Within Polden and Brendon very large communal kitchens have facilities for making snacks and light meals, but do not have individual store cupboards and are not equipped to the level of the kitchens in self-catered areas

For further details visit: www.bath.ac.uk/eat-drink-card

#### How and when do I apply?

You will be eligible to apply for accommodation online once you have confirmed Bath as your firm choice. The exact date from which you can apply for

accommodation will be advertised on our web pages. Please check from March in your year of entry for news.

Our allocation policy can be viewed at www.bath.ac.uk/allocation-policy.

Later entrants may be housed in our citycampus complexes or in shared or initially temporary rooms.

If you have an insurance offer for Bath, accommodation cannot be guaranteed but you will be able to apply for the waiting list once your offer has been confirmed. Students who apply after the guaranteed accommodation deadline may be required to find private sector accommodation.

# When will I receive my accommodation contract?

Students with an unconditional offer will receive details of their room allocation with a contract by the end of August; those with a conditional offer will be allocated their room and sent a contract by email during September.

#### What can I expect in my room?

Full information on what we provide and what you need to bring is available in our annually updated Campus Life booklet:

#### www.bath.ac.uk/campuslife-2012

#### Freewire Telephone

The Freewire Telephone service lets you make free calls to any of your fellow residents within our halls of residence or to anyone on the Freewire Network. If your bedroom does not have a Freewire handset, you can still access the Freewire service by downloading the free and easy-to-use software.

"There is a great sense of community living in halls of residence. It creates a feeling of independence but in a safe environment: the perfect next step after leaving home."

Bridget Pembrey, BA (Hons) Childhood, Youth & Education Studies, 2011-2014

### www.bath.ac.uk/living











Left: Marlborough and Solsbury Court, two of our on-campus accommodation complexes. Above, left to right: Woodland Court bedroom, Woodland Court kitchen and communal living area. Lower, left to right: Norwood House bedroom, John Wood main building, Westwood standard bedroom.

#### Freewire TV

Using your computer and Freewire's latest TV software, you can enjoy over 30 TV and radio channels free on your computer in your room. For further information, please visit

#### www.freewiretv.com

#### Internet access

All rooms have a wired connection to the campus network and the internet.

#### Wi-Fi

All University accommodation has Wi-Fi.

#### Core possessions insurance

We have arranged a core possessions insurance policy to cover your possessions whilst you are living in University-managed accommodation on a full-time contract.

#### www.endsleigh.co.uk

#### Can I bring my car?

It is a condition of residence that students do not have the use of, or keep a motor vehicle, in connection with their use of the accommodation. Permits will only be granted in exceptional circumstances, such as on medical grounds.

#### What about welfare and security?

Resident Tutors live alongside students in the halls of residence. They ensure the provision and maintenance of a high standard of welfare, health and safety, social activities and good order for students living in University residential accommodation, both on and off campus.

The on-campus Security Office is open 24 hours a day, 7 days a week. There is also an off-campus Security service operating during the evenings and at weekends.

#### Can you offer me family accommodation?

We have a limited range of family accommodation available for couples without children. Please contact the Student Accommodation team for further details. We strongly advise you not to bring your family to Bath until you have secured suitable accommodation for the duration of your stay.

#### How do I seek private sector accommodation?

The Student Accommodation Office provides an information service for students seeking private sector accommodation. An up-todate listing of properties available can be accessed through our database:

#### www.bathstudentpad.co.uk

You can expect to pay approximately £75 - £85 per week for a room in a shared flat or house; utility bills will be in addition to this. Bath has a good supply of private sector accommodation; over 1,700 properties are accredited by the local council, and numbers keep growing!

#### **Bars and eateries**

There are many bars and eateries on campus. Details can be found at: www.bath.ac.uk/barsandeateries

The Accommodation Office can be contacted on:

Email: accom-ug@rt.bath.ac.uk Tel: +44 (0)1225 383111 Fax: +44 (0)1225 386474

# Price Guide 2012-2013

Prices are per week and include utilities, data connection and core possessions insurance cover.

#### Standard

£88 - £98 per week

#### Campus Life

Eastwood

#### City Life

John Wood Court, Carpenter House

#### **Enhanced Standard**

£110 per week

#### Campus Life

Westwood and Norwood

#### **Ensuite shower**

£125 - £145 per week

#### **Campus Life**

Woodland Court, Marlborough Court, Solsbury Court

#### City Life

John Wood Building

#### **Ensuite Catered**

£175 - £190 per week (inclusive of catering credit)

#### **Campus Life**

Polden Court

#### Standard Catered

£158 - £163 per week (inclusive of catering credits)

#### Campus Life

**Brendon Court** 

# Wellbeing

Supporting your academic progress is a priority for the University, but we believe the health and welfare of all our students is also of paramount importance. We provide an extensive range of services to ensure your personal development and wellbeing while you are studying.

Each undergraduate is assigned a Personal Tutor, with regular meetings scheduled throughout the first year to review progress and sort out any difficulties. In University residential accommodation, our Resident Tutors provide pastoral care and support. Across the University Academic departments, Student Services teams and the Students' Union work together to offer specialist advice, information and representation so that you can concentrate on your studies.

#### **The Student Services Centre**

This is the first point of contact for a range of welfare and practical issues. Located centrally on campus, it provides access to a comprehensive range of support services:

The Student Funding Advice team provides a comprehensive and confidential service to all students, offering advice and practical help on all aspects of student money. The service also publishes budget

- guides and information leaflets on all aspects of student funding.
- The Student Disability Advice team provides extensive advice and practical help for all students with a disability and/or specific learning differences.
- The Student Health and Wellbeing team offers emotional and psychological support to all students, primarily as shortterm individual support.
- Immigration and visa advice and cultural orientation is provided by specialist International Student Advisers.
- Referrals are made to other support services within the University, such as the Students' Union Advice and Representation Centre.

For further information see:

www.bath.ac.uk/studentservices Email: studentservices@bath.ac.uk Tel: +44 (0)1225 385538

#### Health and Wellbeing

The Student Health and Wellbeing team can help you get the most out of your university experience through individual and group based support. We all know how hard it can be to undertake academic work when you have personal worries. Our team of professional counsellors and mental health workers aim to help you through any difficult situations.

Support is free and confidential and may help you with:

- Personal development
- Addressing and resolving particular difficulties
- Managing stress, anxiety or depression
- Making decisions
- Coping with crises
- Making sense of complex and possibly conflicting feelings
- Improving relationships with others.

For further information see:

www.bath.ac.uk/counselling Email: listening@bath.ac.uk Tel: +44 (0)1225 385538

#### **Medical and Dental**

The University Medical Centre and Dental Practice are located together on the main University Campus. The Medical Centre provides a range of NHS services to those in their catchment area. As the majority of patients are part of the University community, the practice aims to ensure services match students' needs. For more information and to register:

www.umcbath.co.uk Tel: +44 (0)1225 386655



and support

- Individual finance and funding advice
- Specialist immigration and visa advice for international students
- Dedicated disability support from placing your application to sitting your exams
- Free and confidential support with health and wellbeing open to all students
- Medical and Dental Centres, Nursery, and Chaplaincy

# www.bath.ac.uk/study/ug





The University Dental practice is open only to staff and students of the University. For more information and to register:

www.bath.ac.uk/dentist Tel: +44 (0)1225 386065

#### Childcare services

Graded 'Outstanding' in Ofsted's most recent inspection (September 2011), Westwood Nursery provides high quality day care on campus for 48 children from the age of six months to school entry age. The Nursery is open for 48 weeks of the year but student parents can have the choice of a term-time only place. Student parents are represented on the Supporting On Campus Childcare Group (SOC), which meets once a term and the Students' Union run a Students' Parents Group for students who are parents or who have caring responsibilities. For enquiries about the Nursery and/or to register on the waiting list, please contact the Childcare Services Manager. Places in the Nursery are subject to availability.

Email: nursery@bath.ac.uk Tel: +44 (0)1225 386518

#### Chaplaincy

The University Chaplaincy Centre, in the heart of the campus, welcomes people of all faiths or none. A Chaplain is on call for all students and staff every day. The ecumenical team works closely with leaders of several faiths. The Chaplaincy offers an active programme of daily prayer, worship, public lectures, seminars and discussion groups, and special trips.

Also on campus there are rooms, with washing facilities, set aside for Muslim prayers. There are active Christian, Muslim and Jewish student societies on campus. Contact the University Chaplain, Angela Berners-Wilson, for a list of these, and all the faith communities and places of prayer in Bath and Bristol, or visit the Chaplaincy website.

www.bath.ac.uk/chaplaincy Email: chaplaincy@bath.ac.uk Tel: +44 (0) 1225 386458

#### **Student Disability Advice**

Student Disability Advice provides confidential advice, guidance and information services to students with disabilities/impairments, long term health conditions and specific learning differences. This includes, but is not limited to:

- Autism Spectrum Disorders/Asperger's Syndrome
- Dyslexia and other specific learning differences
- Mental health
- Mobility impairments
- Sensory impairments
- Unseen disabilities like Epilepsy/HIV/AIDS/Chronic Fatigue

The University of Bath welcomes applications from disabled students and we encourage you to enter your disability/impairment or condition in the appropriate place on the UCAS form. This will enable us to send you relevant information and advice.

#### **Financial Support**

Student Disability Advice provide advice and support for UK students seeking the Disabled Students' Allowances (DSA), which is a non-means tested government grant available to fund study related support. We can guide you through the process as well as assisting you to implement any support you are recommended. This might include alternative exam arrangements, support workers or equipment.

EU and International students are not eligible for the Disabled Students' Allowances, so it is important that disabled students from overseas make contact with Student Disability Advice well in advance of starting at Bath so that we can advise you appropriately. Further information is available from our web pages:

#### www.bath.ac.uk/disability-int

The Students' Union supports a student-run group called ACCESS for all students with any sort of disability, medical condition or learning difference – or with an interest in learning more about them. ACCESS also campaigns and raises awareness of disability within the university and amongst students.

Email: access@bath.ac.uk

#### Campus Access

The University has undertaken a major programme of work to develop campus access for disabled people. We recommend that you visit the campus in advance of starting your course to get a better idea. See also the online campus map for information:

www.bath.ac.uk/accessmap

For further information and advice, including information in alternative formats, please contact our Disability Advisers:

www.bath.ac.uk/disabilityadvice Email: disabilityadvice@bath.ac.uk

Tel: +44 (0) 01225 385538

# **Funding Your Studies**



# Our Financial Support Package Scholarships

At the University of Bath we are committed to attracting the best and brightest students and encouraging them to benefit from everything that a Bath education has to offer, regardless of their financial circumstances. We are fortunate to be supported by a range of donors, many of whom are University alumni, who share our pride in our students' achievements.

Each year we typically have around 100 new donor funded scholarships. These range in value from  $\mathfrak{L}1,000$  to  $\mathfrak{L}5,000$  a year. These are awarded to ensure that we can support the brightest students most in need. To be eligible to apply students need to:

- Be a full-time UK home student for fees purposes
- Have a Student Finance household income assessment of £42,000 or less
- Have achieved AAB or equivalent on entry to the University of Bath
- Not be in receipt of a Bath Fee Waiver, Bursary, National Scholarship Programme or other University of Bath Scholarship.

Once students arrive, we contact those who qualify and encourage them to apply.

In addition to these means tested scholarships, the University of Bath is actively working with companies to develop scholarship schemes open to all students. One such scheme is the BP Scholarship Programme for talented science, technology, engineering and maths students on designated programmes. We are one of only nine universities chosen by BP for this programme. For the latest details on these corporate scholarship schemes, please check our website.

Sports Scholarships are available to talented sportsmen and sportswomen for a range of sports: www.teambath.com/ scholarships

# Targeted\* income assessed fee and bursary support for 2013

- University of Bath fee waivers of £3,000 in Year 1 and 2 (for campus-based UK and EU students with household income of £16,000 or less)
- National Scholarship fee waivers of £3,000 in Year 1 and 2 (for eligible highest achieving students from England with household income of £16,000 or less)
- Free placement periods for those eligible for fee waiver schemes
- Bursaries of £3,000 in Year 1 and 2, and £1,000 in the final or any additional years, plus a £1,500 bursary during a full year unpaid placement or study abroad (for UK students with household income of £16,000 or less achieving entry grades of AAB or equivalent)
- Foundation Degree Bursary of £3,000 per year for programmes at Partner Colleges (UK students with a household income of £16,000 or less).

## www.bath.ac.uk/funding



Above: Scholarship students with the Vice-Chancellor, Professor Dame Glynis Breakwell

All Student photos: Tim Gander

\* Additional selection criteria apply. We will use information from UCAS and the Student Finance Application to target support at those who need it most: those with a household income of £16,000 or below where your home is in a neighbourhood with low participation in higher education, or your school/college performance is below average, or you will be leaving local authority care when entering university, or your family receives a state means-tested benefit.

#### 2013 Tuition fees

(Inflationary increase each year)

#### Home and EU 2013

- £9,000 fee for all campus-based programmes
- £7,500 fee for Foundation Degrees at Partner Colleges
- £2,500 fee for placement year or study abroad (full year) except BSc Accounting and Finance, BSc International Management and Modern Languages, MChem Chemistry with Industrial Training, MChem Chemistry for Drug Discovery with Industrial Training and MPharmacol Pharmacology which have a £4,500 fee for placement year
- Placement (part year 'thin sandwich') tuition fees will reflect the periods of study/ placement. Full fees for 6 months (£4,500) plus placement fee £1,250 for 6 months, except for Business Admin normal full fees for 6 months (£4,500) plus £2,250 placement fee for 6 months. Please note that placement fees may be lowered subject to government policy.

#### International students

■ £13,000 fee for Arts & Humanities degree programmes

- £16,500 fee for Science and Engineering degree programmes
- Placement fees at a reduced rate with Eramus funding available for some European placements.

If you are an overseas student, you will not be able to apply for UK Government funding. You must make sure you can cover all your living expenses for each year of study. We want to make sure that your studies are not unnecessarily disrupted, and may therefore ask you for advance written evidence that you, your family or sponsor can pay the tuition fees.

You must ensure that you have sufficient resources to cover tuition as well as living expenses before you accept any offer we make to you.

For information on applying see: www.bath.ac.uk/study/international

# Government fee loans, maintenance loans and grants

Regardless of family income, UK and EU students can apply for a UK Government fee loan to cover the full tuition fee liability. The fee loan goes straight from the Student Loans Company to the University and does not have to be paid back until you are earning £21,000 p.a. or more. On top of this, a maintenance loan is also available to cover living costs and some students will also qualify for a means-tested maintenance grant.

www.gov.uk/studentfinance

#### Managing your money

- Hardship Funds
- One to one funding and finance advice



"I would like to thank my sponsor for their generous support. My scholarship gives me great encouragement to concentrate on my studies and my future, without having to worry about funding my university course. It helps me to feel that I am part of a network of supportive people."

Jonathan Hilliard MEng (Hons) Electrical & Electronic Engineering 2011-16, Hertzian Scholar

- Budget guides
- JobLink work opportunities

The Student Funding Advice team at the Student Services Centre provides a comprehensive and confidential service to all students. If you are a student in need of advice on student support, budgeting or planning your finances, or a parent wanting guidance on study costs at the University of Bath, contact our Funding Advisers at the Student Services Centre. The Centre also publishes budget guides and information leaflets on all aspects of student funding.

See: www.bath.ac.uk/funding-advice

Student Funding Advice, 4 West, University of Bath, Bath, BA2 7AY

Email: studentservices@bath.ac.uk Tel: +44 (0)1225 385538

# **Professional Placement**

#### **Professional placement**

At Bath we are focused on your future, and providing you with the skills to succeed in the most competitive work environments. Most of our programmes offer the option of a professional placement.

- Bath students are highly valued and sought after by leading graduate employers.
- The integration of practical experience and theoretical study gives students a unique perspective.

Our students gain placements in highly innovative and dynamic companies in industry, commerce, the health and caring professions, education, public services or research institutions. They provide the opportunity to:

- Enhance your employment prospects
- Improve your team-working, decisionmaking and problem-solving
- Develop your communication, planning and IT skills
- Apply what you have learnt during your course.

Many of our students find paid placements but there are also a number of unpaid placements each year within hospitals, charitable organisations and academic institutions. The length of placements can vary and you can work in the UK or abroad.

The Bath Alumni fund also provides grants to support students who seek to go on placements with a difference and has supported projects such as academic research in India and conservation work in Honduras.

#### Supporting your placement

- Faculties have staff dedicated to maintaining regular links with employers and helping students find a suitable placement.
- Staff provide support while you are on placement. This may include a visit from a placement tutor, but is usually via email.

Finding a suitable placement is your responsibility but we will help and support you to do this. We cannot guarantee that a particular placement will be available or that you will be able to earn a particular salary. Most students have a very positive experience on placement and find that it adds significant value to their studies.

# **KEY** FACTS

- Over 60% of our students choose a placement or study abroad year
- Paid placements are in the region of £15-25k pa
- Global network of partners including Airbus, BAE Systems, CERN, Coco-Cola, GlaxoSmithKline, IBM, L'Oreal, Microsoft, The National Trust, and the Welsh Assembly



"Employers are going to know that we're accustomed to the working environment and the expectations that are placed on a young graduate."

Joe Seager



# Watch videos of students talking about their placements

**Joe Seager,** BSc (Hons) Business Administration, 2008-2012 (pictured above)

www.bath.ac.uk/management-students

Sarah Nash, MEng (Hons) Integrated Mechanical and Electrical Engineering (IMEE), 2007-2012

www.bath.ac.uk/engineering/placements





#### Read blogs by students currently out on placement

Students from our Faculty of Humanities and Social Sciences are blogging about their placements now. Scan the QR code\* to read about their experiences, or visit http://blogs.bath.ac.uk/hss-placement

\* A variety of free QR code readers are available online. Depending on your data plan and any file size restrictions, your viewing may be limited.

# **Study Abroad**

### www.bath.ac.uk/study-abroad

#### Study abroad

You can study abroad as part of some different programmes of study, not just language degrees. As well as expanding your horizons, the decision to live, study and work in another country offers the chance to:

- Increase your opportunities of employment in multinational companies
- Attend partner universities in other countries
- Learn another language
- Experience another culture.

Our European exchanges take place under the well-established LLP-Erasmus Programme of the European Commission.

At Bath, we fully support the European Credit Transfer System (ECTS). In fact, we have the same credit system in operation for our own programmes, which means that it is easy for Bath qualifications to be understood in other European countries and for what you study in other countries to be understood at Bath.

Destinations available depend upon your degree programme. For further details, please contact the department to which you are applying.

As well as the Erasmus Exchange Programme, we also have exchange agreements with partner institutions in Argentina, Australia, Canada, Chile, Hong Kong, Mexico, New Zealand, Singapore, the United States of America and Uruguay. Competition for places at some partner institutions, especially those outside Europe, can be very intense and we cannot guarantee that a period of study abroad will be available, or that it will be available in a specific country or at a specific institution.

#### Learn another language

#### The Foreign Languages Centre

The Foreign Languages Centre offers courses to undergraduates of any discipline who wish to continue with a language studied previously, or to start a language from scratch.

- Courses are free of charge as an extra three credits to undergraduate students.
- Languages currently include Arabic, French, German, Greek, Italian, Japanese, Mandarin Chinese, Polish, Portuguese, Russian and Spanish.
- Levels range from Beginners to Advanced, although the highest levels are not available in all languages.

You can learn a language in any year of your degree programme, provided your previous knowledge of the language is appropriate to the level. Where there is a timetable clash, or the required language is not available during the day, you can apply to attend a class in the Community Courses evening programme.

www.bath.ac.uk/flc



Elisa Elschner, BSc (Hons) Politics and International Relations 2008-2012

"Working as a Stagiaire [intern] at the Brussels office of the Confederation of British Industry has been the most exciting and rewarding experience of my university career.

My placement allowed me to gain an insight into the European Institutions and decision-making processes that no textbook could provide. Over time, I gained increasingly more responsibilities in assisting Senior Policy Advisors with their lobbying efforts and soon became a valued member of the team.

Attending a variety of policy meeting and events provided me with great networking opportunities. Through these, I deepened my understanding of the EU machinery and broadened my horizons with regard to possible career paths and also established many professional contacts.

I can only recommend taking a placement. It allowed me to make practical use of the knowledge acquired at university, helped me to identify what career path I would like to pursue after graduation, and provided a fruitful break from academic work.

Unquestionably, a placement will boost your career prospects by adding long-term work experience and expert knowledge to your academic degree."





The University of Bath has a vibrant international community and welcomes the cultural diversity our international students bring to campus life. Over 100 nationalities are represented among our 3,500 international students.

The International Office and International Student Advice team aim to enable you to make the most of your time here at Bath. We are happy to answer any questions you may have concerning our programmes and entry requirements.

# The International Student Advice Team

Before you leave your country, we will communicate with you regularly and provide you with essential information to help plan for your journey to Bath and advise about life in the UK. We run a bus service from London Heathrow Airport at the start of each academic year and upon your arrival at Bath, we organise a welcome programme of events that includes information sessions, social events and tours of the campus and city. Our mentoring scheme LINC 'Living In a New Culture', which matches current UK and new international students, receives excellent feedback from both mentors and mentees.

Throughout the year, the International Student Advice Team works with the Students' Union and student societies to create a range of social activities, open to all students regardless of nationality, including trips to places of interest and on-campus events and festivals. In addition, Global Group comprises a committee of both international and UK students who organise events designed to actively promote interaction between students of different cultures. The International Students' Association (ISA) represents the international student voice. There are a number of societies created and led by students from China, India, Malaysia and Europe (among others), which provide

opportunities for you to celebrate and share your culture while in the UK. Social activities extend to the wider community through HOST – a national organisation that arranges short stays in British family homes for international students.

We encourage all students to get involved with activity outside of the lecture theatre, whether that be joining a society or participating in University or community life as a volunteer. Getting involved gives you the chance to meet new friends, develop new skills, improve your English, learn about different cultures and, ultimately, enhance your employability for a global careers market.

#### **Undergraduate Accommodation**

All students paying overseas fees who are new to Bath and studying towards a University of Bath degree will be offered accommodation in University owned property for their first year of study. Please note that applicants must have accepted an offer to study at the University and must ensure that they submit their accommodation request by the specified deadline to be sure of being allocated University accommodation. An online application facility exists to make the process as quick as possible.

#### **English Language**

Students must have a high level of English proficiency so that they can follow their chosen degree programme. If your first language is not English we may ask that you take an English language test. A minimum IELTS score of 6.5 or equivalent is normally required. For more linguistically demanding programmes the requirements will be higher. The English Language Centre offers a range of pre-degree language courses, ranging from one month to one year.

#### **Tuition Fees and Living Expenses**

If you are classed as an 'Overseas' student, the fees payable in 2013/14 are:

Languages, Management and Social Sciences

£13,000

Science and Engineering

£16,500

If you are following a sandwich course, fees will be reduced for the period during which you are on placement.

As a rough guide, we suggest that you allow about £9,000 to cover yearly personal expenses, excluding international flights and the summer vacation.

Further information for international students:

Web: www.bath.ac.uk/international Email: international-office@bath.ac.uk

Tel: +44 (0)1225 386832 Fax: +44 (0)1225 386366



# The English Language Centre

### www.bath.ac.uk/elc

The English Language Centre provides support in academic and professional communication and English language for the University's student population, as well as specialised courses to prepare international students for their study at Bath.

# In-sessional courses for registered students of the University of Bath

All international students are entitled to three hours per week of in-sessional classes, free of charge.

- Academic Writing
   Develops students' essay-writing, report-writing and dissertation-writing skills.
- Academic Speaking
   Develops students' skills in giving presentations and participating in seminars.
- Critical Reading
   Develops students' critical reading and note-taking skills.
- English for Business Develops students' spoken and written English in a business context.
- Cambridge English Develops students' overall level of English and prepares them for Cambridge English First, Advanced and Proficiency examinations.
- Effective Writing for Native Speakers of English Develops students' essay-writing, reportwriting and dissertation-writing skills.

#### Pre-Study English courses for Undergraduates

Pre-sessional Prep

Intensive courses for students needing to improve their English level for future study at a British university, but who are not yet ready to start the main Presessional Programme. There are four entry points (October, January, April and July) depending on current language level. Minimum IELTS score at entry: 3.5.

Pre-sessional English for Academic Purposes and Study Skills Intensive courses for students who have a place at the University of Bath or another university, or who are considering university study in the UK, who need to improve their academic English and study skills before starting their studies. There are five entry points (October, January, April, July and August) depending on current language level and the university English language requirement. Minimum IELTS score at entry: 5.0.

# IELTS Exam Preparation and Testing

The ELC is an official IELTS test centre. IELTS tests are held at the University of Bath at least once a month.



#### **Cambridge Examinations**

The ELC is an official test centre for the following examinations:

Cambridge English First (FCE) Cambridge English Advanced (CAE) Cambridge English Proficiency (CPE).

#### **Further Information**

For further information about any of our courses please contact:

English Language Centre, University of Bath, Bath BA2 7AY, UK.

Web: www.bath.ac.uk/elc Email: english@bath.ac.uk Tel: +44 (0)1225 383024 Fax: +44 (0)1225 383135 "I really benefited from the course. Each session I went away with something that I was consciously going to use to make a difference to my work. I have just received my essays back from this term, and they have been my best marks since being at university."

Katie Harwood on the Academic Writing for Native Speakers course (BSc Social Work & Applied Social Studies, graduated 2012).

# **Learning Resources**

#### The Library

Situated at the heart of the campus, the Library will play an essential role in your studies at the University of Bath. The Library is open 24 hours a day, every day. With over 1,200 study spaces, arranged for group work and private study, we aim to provide you with the information you need and a place to work at a time that suits you.

The Library has a wealth of resources with more than 500,000 printed books, 28,000 electronic books and over 19,000 journal titles. Our web-based catalogue and homepage guide you to high-quality materials in your subject area, as well as providing you with information on all Library services. The Library's electronic resources are accessible over the Internet from anywhere using your University username and password. We also have extensive 24 hour photocopying, scanning and printing services within the Library building.

Library staff are always willing to help with enquiries and more specific queries will be handled by the subject specialist for your area of study. At the beginning of your first semester you will attend an introductory session on using the Library's services and resources. Further sessions on how to fully exploit all the information you need will be arranged throughout your time at Bath.

#### **Computing Services**

University of Bath Computing Services (BUCS) work with the faculties and departments to provide the right computing facilities to help you with your studies.

We have a friendly, student-designed Service Desk in the Library where you can bring your computing queries. In addition, we have an online Help facility. Also in the Library you will find our Computer Shop which sells high-quality PC software, hardware and trusted and reliable accessories to enable your studying. The shop is non-profit making and offers discounts, often quite significant, over high street prices.

Students are issued with a BUCS username and password before they join the University. These allow them to use one of over 800 PCs, terminals and docking stations that are available 24 hours a day, 7 days a week in the Library. There are also more than 300 PCs installed in dedicated teaching labs. 120 more will be available in 2013.

The University provides high speed access to the internet through its connection to the JANET network. We have equipped the University with wireless technology to enable wireless access to our services across campus. And if you live in campus accommodation, you can set up your own computer to access our services from your room using ResNet.

A comprehensive suite of Microsoft and other leading software is available together with mono and colour laser printers and scanners. We also provide subject-specific software including, for example, statistics and engineering drawing packages.





We provide access to a number of general purpose UNIX servers and, to support teaching and researchers, we provide a specialised High Performance Computing (HPC) facility with 812 cores.

We provide IT training courses for undergraduates and postgraduates. Our facilities include a fully equipped video conferencing suite and up-to-date TV studio. The BUCS AV service also operates from the library and provides equipment such as cameras and video processing for undergraduates.

Detailed information may be found on our web pages at:

www.bath.ac.uk/bucs www.bath.ac.uk/library

### **KEY** FACTS

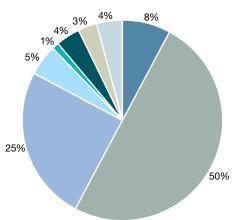
- Open 24/7
- Over 500,000 books, 28,000 electronic books, and 19,000 journals
- Subject specialist librarians
- Wireless service across campus
- IT training courses available

# Careers

Bath is well known for the success of its graduates in the employment market, even when the market is tough.



#### Job quality



Bath Graduates\*

#### **Employability of Bath Graduates**

Bath is well known for the success of its graduates in the employment market, even when the market is tough. We believe that the employability of our graduates is very important. Bath will help you develop your employability, identify your preferred career plan and achieve it.

# Why are Bath graduates so successful?

- Many programmes offer integrated periods of industrial training
- We offer help getting good vacation work
- Many programmes have a vocational focus
- Our academic reputation attracts high calibre students
- We provide training in transferable skills, such as teamwork, problem solving and communications
- We provide help with career planning, and job search skills such as interviews, applications and aptitude testing
- There are many opportunities for personal development through interests, voluntary work, sports and taking positions of responsibility through the Students' Union.

#### Will I find a good job?

50% of employed Bath full-time UK first degree graduates in 2011 were in professional jobs, compared with 25% nationally.

You can see from the charts that 83% of employed Bath full-time UK first degree graduates had jobs in one of the top three classes – management, professional, and associate professional/technical, significantly outstripping the national figure of 63%.

You can find out what graduates from each programme are doing six months after graduation from our website:

www.bath.ac.uk/careers/prospective

#### How much will I earn?

Six months after graduating, the median annual salary for Bath full time UK first degree graduates in full time UK employment is approximately £4,000 more than similar graduates nationally.

#### The Careers Advisory Service

The Careers Advisory Service aims to help you develop your employability skills, make the right career choice and achieve it. We provide services for all students and advisers are available for career planning discussions.

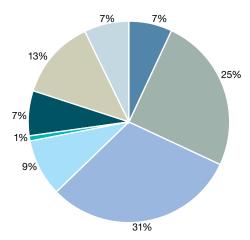
#### **Careers Advisory Service Support**

- We help you find good vacation work, including internships with major recruiters.
- The Development Programme provides transferable and personal skills training to develop employability skills. You can also improve your job search skills such as applications, interview techniques and aptitude testing.
- We help you with finding a graduate job, from considering your options to sourcing vacancies in our extensive database, and supporting you with employers' selection processes.

#### Careers Advisory Service Employer Links

The Careers Advisory Service has wellestablished direct links with many graduate employers, and arranges up to 400 employer recruitment visits to the University each year. We run a big programme of recruitment events including Careers Fairs in the autumn and summer, so students have easy access to employers.

Further information: www.bath.ac.uk/careers



Graduates from all Higher Education Institutions\*

- Managers and senior officials
- Professional occupations
- Associate professional and technical occupations
- Administrative and secretarial occupations
- Skilled Trades
- Personal service occupations
- Sales and customer service occupations
- Elementary occupations
  - \* Source: Destinations of Leavers from Higher Education Survey, 2011, full-time UK domicile first degree graduates only.

# Research and Enterprise

"Research is Bath's greatest strength: 60% of the work submitted for the 2008 Research Assessment Exercise was judged to be 'world leading' or 'internationally excellent'."

The Times Good University Guide 2012

At the University of Bath, you can expect to be taught and supervised by researchers at the leading edge of their discipline:

- Over two thirds of our research areas are ranked in the top 10 nationally
- We have over 50 centres and institutes across the University reflecting our research strengths in engineering, the physical sciences, management, humanities, social sciences, health and life sciences
- Our research grants and contracts portfolio is worth over £91 million
- We work in partnership with industry, government, community groups and other universities, both in the UK and overseas.

As an undergraduate at Bath you will carry out your own project work, supported by staff skilled in teaching and research. A number of our undergraduates make a difference with their research before their degrees are even complete, like Matt Silver, pictured right.

#### **Enterprise and industry links**

The University has strong links with business and builds on these to encourage a culture of enterprise among students and staff. We offer a range of enterprise resources which include business skills training, networks and incubation for start-up companies.

#### www.bath.ac.uk/bathventures

Many departments have set up schemes which bring together successful businesses and students, such as the School of Management 'Bath Entrepreneur in Residence Scheme' (BEIR), which aims to create an entrepreneurial community: combining academic knowledge with practical application. The advice and support has already benefited many students, including BSc Business Administration student Alex Edwards, who started his bespoke tailoring business Aptus Suits and now boasts an impressive client base, including high profile politicians.

Students can also get involved with BANTER, the student led company for young entrepreneurs, which provides training and support for students with existing businesses, whilst helping to nurture new ones.

www.bathstudent.com/banter



Matt Silver (left) holds the baton, pictured next to the Alexandra Shackleton

#### Bath student's project will travel the world

Matt Silver, an Electronic Engineering with Space Science and Technology student, has designed a GPS enabled baton that is being used to track and record a re-enactment of Shackleton's history-making 1916 Antarctic voyage, whilst promoting the charitable work of Armed Forces charity The Baton (www.thebaton.co.uk).

Matt designed the baton using the GPS related skills he learnt through the third year of his course.

He said: "While the idea appeared simple enough, there was a lot of research required to make it work in the field. I needed to look at a variety of devices, antenna, options for data retrieval and power, and come up with a low cost solution that was also efficient and durable.

"My main challenge was in finding a small enough device to fit in the baton, and to get it all working to a strict timeframe ahead of the start of the challenge."

Sir Ernest Shackleton's trans-Antarctic expedition is one of the greatest survival stories in history, and has inspired adventurers across every continent over three generations.

Trustee of the charity WO Barry Gray RM will be setting off with the crew of the 'Alexandra Shackleton' – a replica of Shackleton's James Caird lifeboat – in January 2013.

Matt said: "To this day, no-one has successfully re-enacted Shackleton's complete 'double' journey across sea and land using traditional gear so being involved in such an ambitious project has been very exciting. I wish the team all the best and am looking forward to studying the GPS data we receive."

More information about the Shackleton Epic expedition on which Matt's device will be carried: http://shackletonepic2013.com

### www.bath.ac.uk/research

# Bath student is named Google Young Minds winner

Architecture student James Boon was named one of Google's 'Zeitgeist Young Minds' in the company's 2012 online competition to find exceptional, motivated and inspiring 18 – 24 year olds from across Europe, the Middle East and Africa.

James was recognised for his social responsibility enterprise **Elephant Branded** which sends a school bag to an African or Asian child for each product sold through the website.

He was inspired to start his company following a placement year in which he designed and built schools in Africa and Asia. He also visited Japan shortly after the 2011 tsunami and said that seeing children with so little inspired him to do something positive to help.

James benefited from the Students' Union's enterprise schemes in setting up his company and is involved with BANTER Entrepreneurs' Club.

James said: "I am thrilled to have been named one of Google's Zeitgeist Young Minds – it is an honour and I can barely believe it!" Elephant Branded products are now available nationwide in

http://elephantbranded.com



Andy is celebrating £100,000 of investment for his Underground Book Club



James models one of his company's bags, which have won him the Google accolade

#### Bath graduate wins Sky 1's The Angel

Andy Brown, a recent aerospace engineering graduate, won £100,000 of business investment as a contestant on Sky 1's The Angel, screened in August 2012.

He triumphed against four other young entrepreneurs to secure the investment from John Caudwell, best known as the founder of high street mobile phone chain Phones4U.

Earlier in 2012 Andy launched the **Underground Book Club**, a free magazine for commuters on the London Underground. It features opening chapters from new novels, and has the backing of leading publishers including Bloomsbury, Penguin and Harper Collins.

Andy said: "The money will mean we can move our circulation from 10,000 copies to 100,000 which will have a big impact on awareness of the magazine. It will also allow me to pay for extravagances absolutely essential for running a business, like food, clothes and rent!"

Andy took full advantage of the Students' Unions' enterprise training during his time at Bath and won the student Business Plan Competition in March 2012. He graduated in Summer 2012.

Siobain Hone, Students' Union Enterprise Manager said: "I'm delighted to see the winner of the Business Plan Competition winning something else! Andy has been determined to get the Underground Book Club off the ground and he's worked so hard to make it happen – his success is well deserved. It's a great idea and he's a great guy. We are very proud of him."

www.undergroundbookclub.co.uk

# Campus Investment

"Our continuing ability to attract some of the brightest and most gifted students and staff to our University means we can face the future with great confidence.

It is with the future in mind that we are planning to **invest over £100m** in our campus. Our aim is to further enhance our ability to deliver an outstanding student experience and the highest quality research."

Professor Dame Glynis Breakwell, Vice-Chancellor of the University of Bath

# A new hub of learning and teaching

Due to open in October 2013, the 8,000m<sup>2</sup> General Teaching Accommodation building will offer purpose-built learning spaces ranging from twin 350-seat lecture theatres to 30-seat group lecture rooms with state of the art audio visual provision.

The building will feature two lecture theatres housed in a copper-clad 'pod' and three-storey high glass walls which will provide high levels of natural light into a five-storey high circulation space.

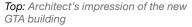


# More high quality accommodation and a new restaurant area

The new Student Accommodation and Refectory will provide 708 more bedrooms on campus – all en suite; plus a new refectory seating 350 with a café, delicatessen, coffee shop, pizza and pasta eatery and a bar.

The proposals were developed in consultation with students and staff with a prototype bedroom built on campus. The accommodation will feature bedrooms with space to study and infrastructure for the latest technology, modern kitchen and dining areas and communal lounges.

The refectory will open to the whole University and the flexible space will allow customers to be served inside and outside. Due to open in summer 2014.



Right: Architect's impression of the new Student Accommodation and Refectory







#### New facilities for the Arts

The new Centre for the Arts will provide a theatre, performance and rehearsal studios, a gallery and teaching facilities.

It will offer classes, workshops, performances and exhibitions throughout the year and be open to the University and local community alike.

The Executive Education suite has been proposed as the key element of the Centre to allow the School of Management to offer an extended programme of short courses, master classes, speaker events and seminars.

The Centre is due to open in Autumn 2014, subject to planning permission.



# Updated and expanded learning and research spaces

A major expansion and refurbishment of 1 West will provide increased high quality learning and research space.

The £22m project consists of three phases which will see the addition of new learning facilities, computer laboratories, research facilities and offices.

Phase 1 is a new three-storey extension which will provide both learning space and office accommodation and is due to complete in September 2013.

Phase 2 will see the refurbishment of the core of the existing building and should finish in September 2014.

Phase 3 is the planned refurbishment of the building's façade and areas immediately behind it with a completion date of September 2015.

**Top:** Architect's impression of the Centre for the Arts

Left: Architect's impression of 1 West



The University of Bath is one of the best Students' Unions in the country. Bath students rated it as one of the top Students' Unions in the country in last year's National Student Survey. It is also one of only four Unions to achieve a GOLD SUEI Award – a mark of quality to show it gives students the best possible experience.



# Welcome to University of Bath Students' Union

The Students' Union (SU) is a registered charity run by students, for students. It makes the experience students have at Bath the best it can be by:

#### Representation

SU Officers, and other elected representatives speak on students' behalf to the University and to local and national governing bodies. They make sure their opinions are being heard.

#### Making University more enjoyable

University life is so much more than a degree. Through societies, sports clubs and other student groups students have the chance to develop skills and have fun with new friends.

#### Improving employability

By helping develop key life skills and find parttime work, the Union provides students with opportunities to develop key attributes that make them stand out to future employers.

#### Creating a community

Students at Bath belong to a diverse student community – all of whom are automatically members of the Students' Union.

The £6 million Student Centre provides places to eat, work or to just chill out with friends.

#### Offering support and advice

Life at university can sometimes be challenging. The SU offers students confidential, impartial support and advice at any stage of their degree.

#### www.bathstudent.com





help you make the most of your time as a student.

The Union is committed to helping you improve your career

"We will provide you with the best opportunities and support to

The Union is committed to helping you improve your career prospects by offering skills training, enterprise support, volunteering and helping you find a part-time job. As a student-led organisation there are also many positions in the Union that help develop your leadership, management and communication skills.

In addition the Students' Union has over 150 sports clubs, societies and student groups for you to choose from. Whether it is competing at the highest level at a specific sport like rowing, continuing with an enjoyable hobby like salsa, or challenging yourself to learn something new like circus skills – we will have something to suit you.

By being involved in the Students' Union you create friendships, skills and experiences that you will benefit from during your studies and for years to come."

Chris Clements, Students' Union President 2012/13

#### Sport

SU Sport offers a wide range of sporting and development activities including:

- Forty-eight student led sports clubs
- Intramural and recreational sport
- British Universities and Colleges Sport (BUCS)
- Personal development and qualifications

#### Societies & Media

There are 85 societies and three student media groups available for students to discover new interests or develop existing skills. They are:

- Departmental Societies
- Faith & Cultural Societies
- Ethical and Environmental Societies
- Recreational Societies
- Arts Societies
- Student Media: radio, newspaper and TV

#### Student Groups

Other student groups exist to support particular groups of students to meet like-minded people and have their views represented, such as:

- Postgraduate Association
- International Students' Association
- Seven different Diversity & Support Groups

#### **Development & Employability**

The SU offers opportunities to develop skills and experiences that will be valued by employers through:

- Part-time jobs (Joblink)
- Business experience (Enterprise)
- Skills Training Courses
- Skills Accreditation (The Bath Award)

#### Volunteering

There are hundreds of volunteering opportunities that will suit everyone's interests and time commitment, for example:

- Fund-raising through Raise and Give (RAG)
- Local community volunteer placements
- Duke of Edinburgh Award
- Leadership roles within the SU

#### **Advice and Support**

The Advice and Representation Centre provides confidential and impartial support, representation and advice including:

- Academic Representation
- Housing Advice
- Personal Issues
- Health & Welfare issues

#### **Entertainment & events**

The SU runs all the main events and entertainment such as:

- Freshers' Week
- Summer Ball
- 'The Plug' bar's weekly programme of events
- 'The Tub' the largest nightclub in Bath

#### In the City

You can easily access everything that the city of Bath has to offer in a 10 minute journey. Regular buses run between campus and the city centre throughout the day and late into the night. Bath is renowned as a safe city and, as a popular tourist destination, there is always plenty to see and do. The city of Bath has something to offer everyone, from live music and comedy, to relaxing in the Thermae Spa, to visiting Bath's abundant bars, pubs, restaurants, museums and galleries, to punting on the Avon.

Just make sure you leave time for your studies!



# Sports Development and Recreation

Bath takes its sport very seriously. With outstanding facilities and expertise, sport is open to all.



## www.bath.ac.uk/sports

# **KEY** FACTS

- Extensive range of on-campus sports facilities
- £30 million Sports Training Village (STV)
- Athlete Support scholarships available
- On-campus Sports Injury Clinic with discounts for students

# TEAMBATH\* UNIVERSITY OF BATH

#### What is Team Bath?

Team Bath is the brand name for sport at the University of Bath. It is an all encompassing, inclusive brand ranging from young children who participate in our Team Bath Tribe coaching sessions through to performance athletes like London 2012 medallists Michael Jamieson, Samantha Murray, Paul Blake, Katrina Hart and Ben Rushgrove, who train on the University campus.

Team Bath allows the University to promote its support of both student and non-student sport under the same umbrella and enables links to be built between community, student and elite sporting activities.

- The Founders Complex a multi-purpose hall with eight badminton courts and four squash courts.
- The Sulis Sports Club two cricket squares and nets and several rugby pitches.

# The Sports Injury Clinic & Human Performance Centre

The Sports Injury Clinic, located in the Sports Training Village, provides leading physiotherapy and massage services to athletes and the public. These services are available to students at a discounted rate. The Human Performance Centre encompasses a range of services including fitness and physiological testing, strength and conditioning support, sports nutrition advice, sports psychology and video and performance analysis. Courses and workshops in various support service fields are also delivered during the academic year.

#### **Studying Sport**

Bath has an extensive range of opportunities at both foundation and undergraduate degree

level offering courses in Sports Performance, Sport and Social Sciences, and Sport and Exercise Science. Full information about these programmes can be found in this prospectus.

Additionally, a range of vocational fitness and coaching qualifications are also available.

Further details can be accessed through www.teambath.com

#### **Athlete Support**

The University is increasing its range and quality of Sports Scholarships in partnership with the Alumni office. In addition, 'Team Bath on the podium' help athletes fulfil their sporting potential through providing support to hundreds of athletes from University 1st teams through to international level.

For further information please contact:

Sarah McMillan Email: S.McMillan@bath.ac.uk Tel: +44 (0) 1225 385247



Students' Union Sport offers a wide variety of volunteering and developmental opportunities, as well as the chance to play, support or coach in any one of 48 student-led sports clubs.

■ Athletic

Athletics Lifesaving Rowing Swimming Triathlon

Field

American Football

Association Football and Futsal

Cricket
Golf
Hockey
Lacrosse
Riding and Polo
Rugby
Ultimate Frisbee

Indoor
Basketball
Boxing
Cheerleading

Fencing Floorball Gymnastics Handball

Latin and Ballroom

Netball

Pool, Snooker and Darts Club

Trampolining Volleyball

■ Martial Arts

Jiu Jitsu Judo Karate Kickboxing Taekwondo

Outdoor
Archery
Cycling
Gliding
Motorsports

Mountaineering Shooting Skydiving Snowsports

Racket Badminton

Squash
Table Tennis
Tennis

■ Watersports

Canoe Club Sailing Sub Aqua Surf Water Polo



Photo: Etienne Sortais





# ICIA - Arts on Campus

"ICIA arguably does more than any other body in Bath to seek out and nurture today's cutting edge artists, whatever their genre - programming and commissioning dance, theatre, music and art events and holding talks and symposia on fascinating and braincrunching philosophicartistic themes."

Venue Magazine

# Institute of Contemporary Interdisciplinary Arts

ICIA organises a vibrant and diverse programme of live performances, exhibitions, concerts and classes for University students, staff and the wider community.

ICIA also works closely with the Student's Union to support the work of the many arts societies. Offering practical support and advice, ICIA encourages students to get involved in the arts and media at any level.

On the national stage, ICIA commissions new arts projects from leading dance and performance companies, musicians and visual artists, with an emphasis on interdisciplinary practice. Opportunities are provided for students to work with visiting artists for intensive periods, then showcase the results.

As well as cheaper tickets for performances by visiting professional artists, students receive large discounts on the regular cost of a wide range of classes and workshops, including photography, street dance, DJ skills and samba drumming.

#### **Dance and Theatre**

Regular weekly dance classes at all levels range from jazz to ballet, contemporary to African & Carribean. From the academic year 2014/15, classes will take place in the beautiful new dedicated dance studio space housed within the University's new Centre for the Arts\*, and will be led, as ever, by professional tutors. Students, as well as members of the public, enrol for blocks of classes each semester, students paying a discounted rate.

ICIA works with the students' performing arts societies, organising a range of workshops and projects for members, aimed to develop skills and confidence in all areas. Recent workshops have focused on experimental theatre and pantomime (with Bath Theatre



Royal's very own in-house Damel). ICIA has also worked with student groups to facilitate the choreography of contemporary dance pieces for national competitions and a course of breakdancing classes for beginners.

ICIA commissions and presents an exciting professional programme of contemporary dance and theatre performances open to all. Students can attend performances and workshops by award-winning companies on national and international tours such as James Wilton, winner of the Saddlers Wells Global Dance Contest 2010 and more recently the winner of a BBC Performing Arts Fellowship.

#### Music

Musicians attending the University of Bath can take advantage of a range of fantastic opportunities, including:

- subsidised individual music lessons
- instrument loan scheme
- practice-rooms, variously equipped with upright, Steinway and Bösendorfer pianos
- professionally led ensembles and workshops

There are numerous opportunities for participation and performance, for all ability levels. In addition, there are a host of student-led groups and ensembles such as Chamber Choir, Music Soc (for Rock and Pop), Barbershop Singers, Big Band Jazz and Concert Band.

Additionally, ICIA runs a programme of term-time courses with professional tutors

in a range of disciplines including Samba Drumming, DJ Skills, Chamber Music with Prof. Robert Turrell (Royal Academy of Music) and Jazz & Funk with Pee Wee Ellis, founding member of James Brown's band.

In recent years, a number of BA graduates from the University of Bath have moved on to study music at Masters level in institutions such as The Royal Welsh College of Music & Drama and The University of Manchester.

Professional performances programmed by ICIA have recently seen the likes of sound artist Jem Finer, acclaimed jazz pianist Matthew Shipp and the unique Creole Choir of Cuba perform to full houses both on the University campus and in venues around the city.

The ICIA programme of performances, residencies, workshops and weekly classes is constantly evolving to provide students with the quality and breadth of opportunity befitting a university of Bath's national and international profile. New and existing initiatives are continually being explored and developed as ICIA looks towards programming for its new home in the University's Centre for the Arts.

#### **Choral Scholarships at Bath**

Abbey Scholarships worth up to £1,800 pa are available for Counter-tenor, Tenor and Bass voices to sing in Bath Abbey Choir. Further details available from Peter King, Director of Music, Bath Abbey

Email: music@bathabbey.org Web: www.bathabbey.org

### www.bath.ac.uk/icia

#### **Visual Arts**

ICIA's visual arts programme includes exhibitions, talks, performances and symposia, as well as the opportunity to take part in a wide range of workshops and classes led by professional artists. These include drawing, painting, book making, photography and film.

Alongside the exhibition programme, which includes off-site projects, artist residencies are hosted within various academic departments. Recent exhibitions and residencies have included Simon Faithful, Dinu Li, Lucy Harrison, Margareta Kern and Janek Schaefer. Discussion and debate on the relationship between visual arts and specific academic topics also takes place through symposia and talks organised by ICIA with leading arts professionals.

The University's new Centre for the Arts will house three large gallery spaces. These will provide students, staff and members of the public access to some of the leading national and internationally recognized contemporary artists working today. Installation, sculpture, photography and film are just some of the mediums that will make up the visual arts programme in the galleries.

ICIA also organises an annual photography competition in association with Photosoc, the Students' Union photography society.

#### **Getting involved**

ICIA welcomes people of all abilities who wish to be involved in the arts – individuals looking to develop specific skills, people searching for a creative outlet for the stresses and strains of academic life and those looking simply to meet new people with similar interests and have fun! Each semester ICIA produces a brochure with full event details and has full listings on its website.

#### **Further Information**

For info & online booking:

www.bath.ac.uk/icia
Tel: 01225 386777
Email: ICIAinfo@bath.ac.uk
Facebook: ICIAUniversityofBath

Twitter: @iciabath

ICIA's office is situated on campus, open Monday to Friday 9.30am - 5pm.

The University is building a new Centre for the Arts. Students will have access to a range of state-of-the-art new facilities, which will enhance the extra-curricular arts provision available at the University. Dance and performance studios, music practice rooms, a large gallery and dedicated visual arts studios will all be housed in the new development\*.

\*Subject to planning permission. See page 21 for further details and images.

Top to bottom:
Graffiti Wall painting with Splat (Students visual arts society); Tom Marshman, artist in residence, in his multi-media installation;
DJ Skills on the Parade; bgroup dance company 'about around' – ICIA professional dance commission.

### **KEY** FACTS

#### ICIA offers:

- A diverse programme of performances
- Classes and workshops with visiting professional companies and artists in dance, music, theatre and visual arts
- Discounts for students
- Practice facilities and much more!









# **Architecture**



Architecture is everywhere. In the UK's only joint department of architecture and civil engineering, you learn not only how to imagine and design these spaces, but also how to build them.

- Architects and engineers work in interdisciplinary teams throughout the programme
- Our unique four year programme puts the placement at the heart of the learning experience with two six month placements
- Opportunity to study abroad on the Erasmus exchange programme
- Every student has designated studio space available 24 hours, 7 days a week
- The Department maintains an excellent graduate employment record.

#### Subject aims

The Department was founded on the ethos of providing students with the opportunity to develop holistic design skills through integrating the artistic and technical domains. Aims of the programme are based on:

 the acquisition of skills necessary to explore, interrogate and communicate architectural proposals

Semester 2

Design Studio - Individual 'Thesis' Project

#### BSc (Hons) Architecture degree programme structure

Design Studio - Group Project with Engineers

Practice, Management & Law

Year 4

History & Theory - Issues in Contemporary Architecture

Semester 1

#### Design Studio (inc. Group Project with Engineers) Design Studio History & Theory 20th Century Architecture & Towards Detailed Design Sustainability Practice Management & Law Year 1 **Building Environment** Structures History & Theory 20th Century Architecture & Towards **Detailed Design** Sustainability **Professional Practice** Design Studio History & Theory - Representing Architecture Year 2 **Environmental Design** Structures, Detailed Design, Digital Illustration Optional combination of semesters at: Year 3 University of Bath, European University, Architectural Placement



Further study and architectural practice leading to MArch RIBA Part 2 and RIBA Part 3

# www.bath.ac.uk/ace

- the ability to control, manipulate and compose internal space and external form
- the ability to integrate, within architectural proposals, principles of structural design, environmental design and sustainability
- a knowledge of materials and the detailed assembly of building elements
- an understanding of the ways in which cultural, historical and socio-economic factors influence design decisions.

Following the BSc, we offer the MArch programme which gives you exemption from the RIBA part 2 exams and consists of three taught semesters and one placement semester. The programme provides for the development of sophisticated analytical, communicative, projective and reflective architectural practice.

#### **Placements**

# www.bath.ac.uk/ace/undergraduate/placements

The Architecture placements occur in Semester 2 of the second and third years of the BSc programme. Many students choose to extend their placement over the vacation period which allows them to make full use of the summer to gain practical architectural experience in paid employment. The Department has a Professional Studies Advisor who helps prepare students for placement and is able to provide student support during the placement periods.

A wide variety of internationally recognised professional practices and firms support our

students for their professional practice and employ our graduates:

- Herzog & de Meuron, Switzerland
- Kengo Kuma, Tokyo
- Renzo Piano Building Workshop, Paris
- Atelier Jean Nouvel, Paris
- Doshi Vastu Shilpa Consultants, Ahmedebad, India
- UN Studio, Holland
- OMA, Holland
- Kim Utzon, Copenhagen, Denmark
- EMBT Enric Miralles, Barcelona
- Richard Meier and Partners, New York
- Grimshaw, London
- Foster and Partners, London and Hong Kong
- Rogers, Stirk, Harbour, London
- Rick Mather Architects, London
- Edward Cullinan Architects, London
- FCB Studios, Bath and London.

#### Careers

#### www.bath.ac.uk/careers/destinations

Many of the students who embark on the BSc programme go on to register as fully qualified architects. However, the undergraduate degree provides an excellent training in a range of transferable skills which draw on the humanities and science-based elements of the programme. After graduation, our students have gone on to successful careers in related design disciplines or other careers which require analytical and creative skills.

One of the reasons I chose Bath is its established reputation for producing thoughtful and intelligent work and fostering creative independence. The school's status as a joint architectural and engineering department reinforces Bath's ideal of good design as a continuous collaborative process. Bath's teaching pursues conceptual rigour, multidisciplinary integration and the resolution of the constructed space which continues to shape my thinking.

Something I particularly enjoyed was the rare opportunity and flexibility to define your own brief for the final project of the undergraduate course to showcase your accumulated endeavour. This clearly demonstrates the school's trust in our maturity and competence. Another of Bath's unique qualities is the placement system which ensures a continual feedback between academic and professional development, rather than something stuck on at the end of your education.  $\mathfrak O$ 

John Ng, BSc (Hons) Architecture graduate



**Number 1** in The Times University Guide 2013

**Number 1** in the Complete University Guide 2013

**Number 1** for graduate employment in the Complete University Guide 2013

#### **Programmes**

BSc (Hons) Architecture Four years K100

#### Typical offers

For detailed and up-to-date information please check our web pages.

A Levels: A\*AA or equivalent. A level combinations should demonstrate numerical and art and design skills.

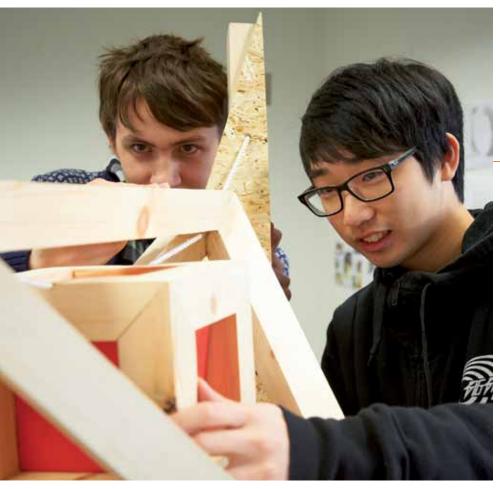
International Baccalaureate: 38 points with 6 in HL Mathematics or 7 at SL Mathematics, with the majority of offers to candidates studying Mathematics to HL.

#### For more information

Contact the Admissions Office

Email: **admissions@bath.ac.uk** Tel: **+44 (0)1225 383019** 

# Civil Engineering/Civil and Architectural Engineering

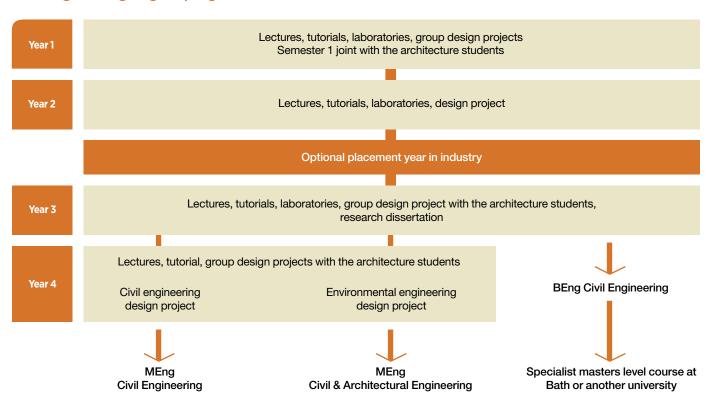


As the only joint department of architecture and civil engineering in the UK, we are uniquely placed to educate our students in all facets of civil engineering.

Civil engineering is the design, construction and maintenance of bridges, roads, railways, airports, tunnels, canals, dams, offshore structures and buildings. It provides the sanitation and clean drinking water that are the fundamental requirements for health.

- An industrial placement option enables students to gain valuable experience with a variety of companies at the forefront of the discipline
- Excellent design studies and laboratory facilities (structures, hydraulics, soils, natural building materials, timber workshop) together with an adjacent outdoor test facility
- 80-90% of our graduates go on to work in the civil engineering profession every year, with the remainder going into related employment or further academic study
- Students are free to move between the full-time and placement option at any time before the start of the third year.

#### Civil Engineering degree programme structure



# www.bath.ac.uk/ace

#### Subject aims

The Civil Engineering programmes at Bath provide an excellent general education for civil engineers, with a particular focus on the structural design of buildings.

- Emphasis is placed on fundamental engineering skills, including creative problem solving
- Students learn to apply the understanding they gain in the engineering disciplines in substantial design projects, with an increasing emphasis on interdisciplinary team working with students of architecture.

#### **Placements**

www.bath.ac.uk/ace/undergraduate/ placements

You can either study full-time or with a year-long industrial placement. You can change from the full-time programme to the programme with placement, or vice versa, at any time before the start of the third year.

During the industrial placement you do very much the same type of work as graduates, assuming real responsibility over a wide range of types of work.

You may work in the UK or overseas. You may choose to spend part of the year working for one company and part with another; or spend a semester in a university overseas.

The University helps students find work by putting employers and potential students in contact with each other. If you want to work for a particular type of company or in a particular country we can advise you and help you find an employer.

#### Careers

www.bath.ac.uk/careers/destinations

Civil engineering offers a very wide range

mathematics, physics and computer the world; to managing the work of a large team of people on projects costing hundreds of millions of pounds.

Civil engineers work with architects, engineers from other disciplines, clients and the many people who do the work and operate the machines on site.

Typical jobs for Civil Engineering graduates

- Balfour Beatty Civil Engineer
- Laing O'Rourke Civil Engineer
- Integral Engineering Design -Structural Engineer
- **Expedition Engineering -**Structural Engineer
- Imperial College London -Research Engineer
- Pisco Sin Fronteras -Project Leader Construction.

Typical jobs for Civil and Architectural Engineering graduates include:

- Arup Structural Engineer
- Atkins Structural Engineer
- Ramboll Structural Engineer
- Atelier Ten Architectural Engineer
- Buro Happold Research Engineer
- Keir Construction Project Manager.

We encourage students to develop considerable enthusiasm for civil engineering design, and this is reflected in the fact that our Civil Engineering graduates are some of the most sought after in the UK. 90% of our graduates find graduate level employment, mostly in the Civil Engineering profession (Unistats.com).

of work options, from highly theoretical programming; to working on site anywhere in

University Guide 2013

**A\*AA** typical offer

92 places available

540 applicants

100% satisfaction rate in the 2012 National Student Survey (Civil Engineering)

Ranked 2nd in the Guardian

#### **Programmes**

MEng (Hons) Civil Engineering Four years H200

**MEng (Hons) Civil Engineering** Five years with placement H205

**MEng (Hons) Civil and Architectural Engineering** 

Four years H202

**MEng (Hons) Civil and Architectural Engineering** 

Four years with placement H203

**BEng (Hons) Civil Engineering** Three years H204

**BEng (Hons) Civil Engineering** Four years with placement H201

#### Typical offers

For detailed and up-to-date information please check our web pages.

A\*AA or equivalent. Minimum grade A in Mathematics is essential.

International Baccalaureate: 36 points with 6 in Higher Level Mathematics

#### For more information

Contact the Admissions Office

Email: admissions@bath.ac.uk Tel: +44 (0)1225 383019

The Civil Engineering course covers a wide range of topics from bridge engineering to façade engineering to energy, providing us with solid foundations in all topics.

The thing I liked most about this course was the constant collaboration between the architects and engineers, allowing us to appreciate each other's work. Furthermore these projects were assessed by a report and presentation in which we all contributed, thus developing good teamwork, time-management and presentation skills which are all vital in whatever careers we choose.

Throughout the three years I have made some great friends, and having graduated with such a respected degree, there are many options for the next step in my life, ranging from jobs in industry to Masters or research degrees. 00

Michelle Lakeridou, BEng (Hons) Civil Engineering graduate



www.bath.ac.uk/study/ug

# **Chemical or Biochemical Engineering**



Learn to develop cuttingedge solutions for global challenges such as providing food and water to an increasing population, ensuring adequate healthcare and securing energy supplies.

- Fully accredited by the Institution of Chemical Engineers, allowing graduates to progress to Chartered Engineer status
- A significant number of our students are offered permanent employment after graduating, or are fast-tracked to shortlists for graduate jobs by their placement company
- Taught in liaison with industry specialists and, as a result of this, the employment rate of our graduates is above the national average.

#### Chemical Engineering degree programme structure

MEng 5 Year Sandwich Chemical Engineering/ Biochemical Engineering MEng 4 Years Chemical Engineering/ Biochemical Engineering BEng 4 Year Sandwich Chemical Engineering/ Chemical and Bioprocess Engineering BEng 3 Years Chemical Engineering/ Chemical and Bioprocess Engineering

Year 1

Mathematical Techniques, Physical Chemistry, Biology & Bioprocesses, Chemical Engineering Principles, Chemical Engineering Skills and Practice, Instrumentation & Control, Transport Phenomena, Engineering Chemistry, Separation Processes, Design Project.

Year 2

Engineering Thermodynamics, Transport Phenomena, Chemical & Biological Reaction Engineering, Further Mathematical Techniques, Process Design & Safety, Management, Separation Processes, Process Dynamics Modelling & Control, Particle Technology, Chemical Engineering Skills and Practice.

Year 3

Environmental Management, Management & Economics, Transport Phenomena, Mathematical Modelling, Intermediate Design Project, Research Project (carried out in Bath, UK industry or abroad).

Industrial Placement

Advanced Chemical Engineering, Advanced Biochemical Engineering, Transport Phenomena, Environmental Management, Research & Design Project.

Graduation Year 3

Year 4

Industrial Placement

Advanced Biochemical Engineering, Advanced Chemical Engineering, Product & Process Design Project.

Graduation Year 4

Advanced Chemical Engineering, Advanced Biochemical Engineering, Transport Phenomena, Technical Review, Environmental Management, Research & Design Project.

Graduation Year 4

Year 5

Advanced Biochemical Engineering, Advanced Chemical Engineering, Product & Process Design Project.

**Graduation Year 5** 

Options for Final Year include:

Legislation & Waste
Management, Biomedical
Engineering, Advanced
Materials and Porous Solids,
Micro-Process Engineering
and Molecular Biochemical
Engineering.

## www.bath.ac.uk/chem-eng

#### Subject aims

The broad aim is to enable and inspire graduates to pursue professional careers, nationally or internationally, in industry, commerce or academia.

Programmes are designed to give students a thorough grounding in the principles and practices of chemical engineering as well as in the topics which underpin professional chemical engineering, ranging from the pure sciences through to information technology, communication, laboratory and design skills.

Students will develop skills including:

- specialist scientific knowledge
- project management
- resource management
- health and safety
- problem solving
- decision making
- creativity
- communication skills
- leadership skills
- IT
- business and legal knowledge.

#### **Placements**

www.bath.ac.uk/ace/undergraduate/placements

Chemical Engineering is an applied discipline and there are several reasons for taking advantage of a full year of industrial placement:

- over 70% of our students elect to spend a year in industry during their penultimate year
- salaries usually range between £14-23k
- our placements team removes much of the administrative work of finding a placement.

#### Careers

#### www.bath.ac.uk/careers/destinations

There are a huge range of career options and job prospects are excellent. Chemical engineers are rated as the third highest graduate earners in the UK with an average graduate salary of £28,000 (source: Complete University Guide 2012). Our programmes develop the professional skills that are highly valued by employers worldwide in key areas such as developing new products, process design and optimisation. Recent graduates careers have included:

- Plant management overall responsibility for a plant
- Project engineering organising and running projects for other companies
- Operations engineering ensure the process runs smoothly
- Plant commissioning design and set up new processes
- Consultancy developing specialised areas of processes
- Economic analysis working in the financial sector
- Marketing and management taking a new product to market
- Research undertake a PhD and specialise in developing new technologies.

• The course has prepared me for life after university, with a diverse range of skills, both technical and non-technical. It has given me a wide range of life experiences, including studying abroad in New Zealand as well as a placement year working in the Chevron Pembroke Refinery. This has helped me to gain employment outside a non-traditional chemical engineering job working in business in London. I am glad I came to the University of Bath and would thoroughly recommend it to anybody considering a chemical engineering programme.

Stephen Martin, MEng Chemical Engineering 2012

<sup>™</sup> My time at the University of Bath has been brilliant. The course has been diverse and interesting; doing a research project in Spain and spending my industrial placement working for Chevron in Pembrokeshire were amazing experiences. This has opened doors to lots of different careers that I wasn't even aware of when I started university. There's lots of support and guidance available throughout the course, and I'm really glad I chose to study Chemical Engineering at Bath. <sup>™</sup>

Jack Jones, MEng Biochemical Engineering 2011

**AAA** typical offer **95** places available

740 applicants

**Top 3 Ranking** in the Sunday Times University Guide 2013

**85%** graduate employment rate (Unistats)

#### **Programmes**

MEng (Hons) Chemical Engineering Four years H803

MEng (Hons) Chemical Engineering Five years with placement H804

BEng (Hons) Chemical Engineering Three years H813

**BEng (Hons) Chemical Engineering**Four years with placement H814

MEng (Hons) Biochemical Engineering Four years H811

MEng (Hons) Biochemical Engineering Five years with placement H871

BEng (Hons) Chemical & Bioprocess Engineering

Three years H831

BEng (Hons) Chemical & Bioprocess Engineering

Four years with placement H832

#### Typical offers

For detailed and up-to-date information please check our web pages.

A Levels:

**AAA** including Mathematics and Chemistry.

International Baccalaureate:
36 points overall, including 6 points in both Mathematics and Chemistry at Higher Level.

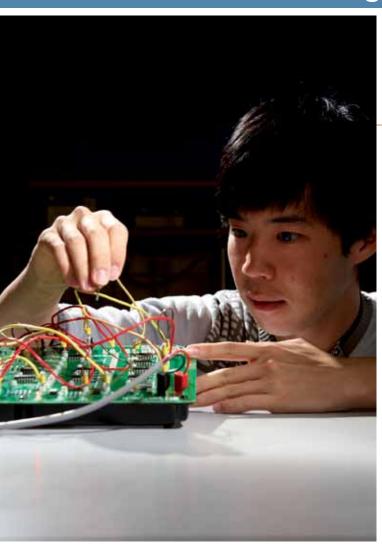
#### For more information

Contact the Admissions Office

Email: admissions@bath.ac.uk Tel: +44 (0)1225 383019

www.bath.ac.uk/study/ug

# Electronic and Electrical Engineering



Electrical and electronic devices and systems are vital to modern society. They are central to almost all the new and fast-moving technological changes of the 21st Century.

We offer six degree programmes, all professionally accredited by the Institution of Engineering & Technology (IET) and offering a secure route to the valuable Chartered Engineer status.

The flexible modular structure allows transfer between degree programmes. Industrially relevant group and individual projects are a major focus of all programmes, ensuring our graduates are highly sought after in the job market. We offer the following programmes:

- Electrical & Electronic Engineering
- Computer Systems Engineering
- Electrical Power Engineering
- Electronic Engineering with Space Science & Technology
- Electronic & Communication Engineering
- Integrated Mechanical & Electrical Engineering. (see page 36)

#### Project and laboratory work

A key characteristic of all our programmes is laboratory and project work supported by dedicated electronics, robotics, computing and power-systems laboratories. In Years Three and Four, the second semester of each year is devoted 100% to group and/or individual project work, uninterrupted by taught modules. Our students often win national prizes for their projects.

#### Research and teaching

We have an international reputation for our research in areas including advanced electronics, LEDs, electrical power systems, satellite communication and navigation systems, space weather and imaging. This research feeds into teaching through our group and individual projects in which you can join a research group, and in specialist modules that introduce students to cutting-edge engineering.

#### Electronic & Electrical Engineering degree programme structure

	MEng degrees		BEng de	egrees	
	Semester 1	Semester 2	Semester 1	Semester 2	
Year 1	Lecture & laboratory modules Lecture & laboratory		atory modules		
Year 2	Lecture & laboratory modules L		Lecture & labor	e & laboratory modules	
	Optional industrial placement		Optional indust	rial placement	
Year 3	Lecture modules	Group design & business project	Lecture modules	Group and individual projects	
Year 4	Lecture modules	Individual project			

## www.bath.ac.uk/elec-eng

#### **Placements**

#### www.bath.ac.uk/ace/undergraduate/placements

Our placements offer you the opportunity to work in leading engineering businesses, develop your skills in a commercial environment and use sophisticated equipment. Recent placement students have had access to helicopters, particle accelerators, nuclear submarines, industrial robots and supercomputers. Our dedicated placement team will help you throughout the placement application process and during your year in industry. We regularly place our students with prestigious companies including:

- BMT
- Hawkeye Innovations
- McLaren Electronics.

Placements can contribute to gaining professional status and allow you to make valuable contacts in industry; both of which can significantly improve your job prospects. Placement salaries usually range from £15,000 to £20,000.

#### Careers

#### www.bath.ac.uk/careers/destinations

As a graduate of this programme, your career prospects will be excellent. Our graduates have gone on to begin careers as Systems Engineers, Project Engineers and Project Managers with prestigious employers including:

- Airbus
- Atmel UK Ltd
- Intel
- Jaguar Land Rover
- Siemens.

O Studying at Bath was an easy decision to make, thanks to the prestige of the programme and my love of the city. I made friends easily, both from the programme and in my student hall.

I took a year-long placement with Ove Arup Ltd, a multinational engineering consultancy company. I also completed a two-month summer placement with a software house in Bath. I was able to use my electronics design skills to develop a new type of fuel analyser system. This involved extensive design and prototyping work, and gave me enough cash to enjoy a holiday before the new term started. These experiences were invaluable and helped me secure my first job with WS Atkins.

My favourite part of the degree programme was definitely the final-year project. I was able to work with my first choice of supervisor, and together we created a two-wheeled autonomous vehicle, and my project ended on a high note when it won a prize! •

James Flashman, a recent MEng (Hons) Electrical & Electronic Engineering graduate

## **AAA-ABB** typical offer

61 places available

590 applicants

## Top 3 Ranking in the Sunday Times **University Guide 2013**

**90%** graduate employment rate (Unistats)

#### **Programmes**

MEng (Hons) Electrical and Electronic Engineering Four years H600

Five years with placement H601

BEng (Hons) Electrical and Electronic Engineering Three years H603

Four years with placement H604

**MEng (Hons) Electrical Power Engineering** 

Four years H632

Five years with placement H633

**BEng (Hons) Electrical Power Engineering** 

Three years H630

Four years with placement H631

**MEng (Hons) Computer Systems Engineering** 

Four years HG64
Five years with placement HGP4

**BEng (Hons) Computer Systems Engineering** Three years GH46

Four years with placement GHK6

MEng (Hons) Electronic and Communication Engineering Four years H622

Five years with placement H623

BEng (Hons) Electronic and Communication Engineering Three years H640

Four years with placement H641

MEng (Hons) Electronic Engineering with Space Science and Technology

Four years H6HK

Five years with placement H6H5

BEng (Hons) Electronic Engineering with Space Science and Technology

Three years H6H4

Four years with placement H6H7

#### Typical offers

For detailed and up-to-date information please check our web pages.

MEng: AAA/BEng: ABB

Must include Mathematics and at least one other science or technology subject. General Studies is excluded.

International Baccalaureate:

MEng: 36 points overall/BEng: 34 points overall

Must include Mathematics and Physics at Higher Level 6.

#### For more information

Contact the Admissions Office

Email: admissions@bath.ac.uk

Tel: +44 (0)1225 383019



# Integrated Mechanical and Electrical Engineering



Graduates able to work in both mechanical and electrical engineering are in great demand because of their ability to work on complex interdisciplinary projects.

- Develop essential engineering skills through extensive project work
- Enhance your career prospects with a one year placement in industry
- Gain an integrated view of engineering and become an expert in the core areas of both mechanical and electrical engineering.

#### Subject aims

Traditional engineering degrees often offer purely mechanical or electrical subjects; however, 21st Century industries and research laboratories need graduates with interdisciplinary skills who are able to make an immediate contribution to teams working on complex projects.

## Integrated Mechanical & Electrical Engineering degree programme structure

	Semester 1	Semester 2
Year 1	Mathematics I Circuit Theory Solid Mechanics I Thermofluids I Design materials and manufacturing I	Mathematics II Digital Electronics Solid Mechanics II Design materials and manufacturing II Introduction to Integrated Engineering
Year 2	Electromagnetics Modelling Techniques I Electronic Devices and Circuits Digital Systems Design Design materials and manufacturing III	Signals, systems and communications Modelling Techniques II Electrical Systems and Power Electronics Thermofluids III Integrated Control System Design
	Optional indust	trial placement
Year 3	Integrated Engineering Control Engineering Power Electronics & Drives  Plus any two of the following: Material Selection in Engineering Design; Mechanical Vibration & Noise; Vehicle Dynamics; Vehicle Engineering; Business Processes; Microelectronic Systems; Signal Processing; Electrical Energy Systems & Analysis	Group Design & Business Project
Year 4	Robotics Engineering System Modelling & Simulation  Plus any three of the following: Digital Image Processing; Energy Management Systems; Computational Intelligence; Power Electronics & Drives II; Innovative Manufacturing; Advanced Control; Energy & the Environment; Modelling & Analysis of Manufacturing Systems; Biomimetics; Fluid Power	Individual Integrated Engineering Project

**A\*AA** typical offer

45 places available

**Number 1** in the Sunday

Top 3 Ranking in the

Times University Guide 2013

Sunday Times University Guide

2013 (Electronic and Electrical

90% graduate employment

MEng (Hons) Integrated Mechanical &

MEng (Hons) Integrated Mechanical &

BEng (Hons) Integrated Mechanical &

BEng (Hons) Integrated Mechanical &

130 applicants

rate (Unistats)

**Programmes** 

**Electrical Engineering** 

**Electrical Engineering** 

**Electrical Engineering** 

(Four years full-time) HHJ6

(Five years including a one-year

industrial placement) HH3Q

(Three years full-time) HH36

industrial placement) HH3P

Electrical Engineering (Four years including a one-year

# www.bath.ac.uk/imee

The University of Bath's Integrated Mechanical have had access to helicopters, particle & Electrical Engineering (IMEE) programme has been designed in consultation with industry to meet this need. It achieves this aim without sacrificing the intellectual rigour of a single-discipline programme. You will study subjects such as:

- digital electronics
- advanced control
- thermofluids
- vehicle engineering.

The key features of this programme are:

- teaching from two world-class Departments, Electronic and Electrical Engineering and Mechanical Engineering
- an integrated view of engineering, combining mechanical and electrical as well as extensive industrial case studies
- a new state-of-the-art robotics laboratory for enhanced group and individual projects
- accreditation by both the Institution of Engineering & Technology (IET) and the Institution of Mechanical Engineers (IMechE), allowing the fastest route to Chartered Engineer status.

#### **Placements**

www.bath.ac.uk/ace/undergraduate/ placements

Our placements offer you the opportunity to work in leading engineering businesses, develop your skills in a commercial environment and use sophisticated equipment. Recent placement students

placement team will help you throughout the placement application process and during your year in industry. We regularly place our students with prestigious companies including:

- Rolls-Royce
- QinetiQ
- **DSTL**
- BMT
- Bosch.

Placements can contribute to gaining professional status and allow you to make valuable contacts in industry - both of which can significantly improve your job prospects. Placement salaries usually range from £15,000 to £20,000.

#### Careers

#### www.bath.ac.uk/careers/destinations

The career prospects for IMEE graduates are excellent. The programme has been designed in consultation with leading industrial partners to make sure that future graduates meet the requirements of 21st Century engineering industries. These partners include:

- Jaguar Land Rover
- OC Robotics
- Rolls-Royce
- BMT Group
- Molins ITCM.

accelerators, nuclear submarines, industrial robots and supercomputers. Our dedicated

For detailed and up-to-date information please check our web pages.

Including Mathematics and Physics with A\* in Mathematics or Physics. General Studies is excluded.

International Baccalaureate: Mathematics and Physics and 5 in

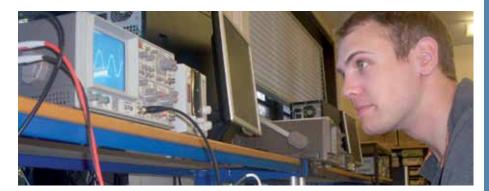
## Typical offers

A Levels: A\*AA

Overall 36 with 6 in Higher Level English at Standard Level.

## For more information

Contact the Admissions Office Email: admissions@bath.ac.uk Tel: +44 (0)1225 383019



**©** If you are looking to study engineering, want to have great credentials on completion of your degree, and are willing to put the work in, then this is the perfect course for you! ••

David Angell, MEng (Hons) in Integrated Mechanical & Electrical Engineering 2008-2013

# **Mechanical Engineering**



Exciting opportunities to combine physical science, mathematics and computing enabling you to analyse engineering systems and the design and manufacturing required to create and innovate.

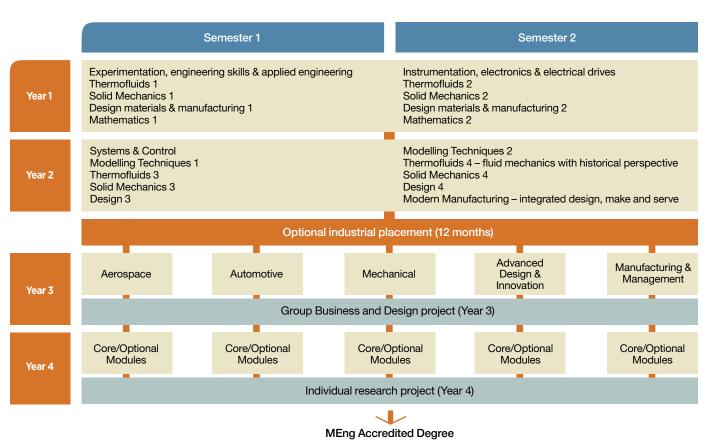
- Specialise in a wide range of subjects from aerospace and automotive engineering to medical, manufacturing and management
- Keeping your options open with a Mechanical Engineering degree pays dividends when it comes to working in any engineering related discipline
- Assessed by a combination of exams, projects and presentations; graduates acquire the professional skills for a career in industry.

#### Subject aims

All five of our Mechanical Engineering degrees are based on a common programme in the first two years. This allows you to make a decision on your choice of final degree after you have experienced all of the options available.

The common programme is made up of the physical science, mathematics and computing required to analyse engineering systems, and

## Mechanical Engineering degree programme structure



Chartered Engineer

# www.bath.ac.uk/mech-eng

the design and manufacturing knowledge you need in order to make things. A laboratory programme is built into the degree so you can acquire the skills you need to test a product which you have analysed and built.

Group Business and Design Projects are fulltime activities in Year tThree and have strong links with industry.

Programmes are designed to enable students to:

- pursue professional careers in Mechanical Engineering at a level which requires sound judgement, personal responsibility and initiative
- develop a detailed understanding of the principles of Mechanical Engineering science
- develop skills to apply engineering principles to produce original analyses of, and solutions to, engineering problems
- focus on a broad range of specialist fields within Mechanical Engineering through selected option groupings
- provide a high level of technical leadership
- use initiative, effective communication and interpersonal skills
- offer a wide range of subject options after the first two years; students normally proceed to become Chartered Engineers via membership of the Institution of Mechanical Engineers.

#### **Placements**

# www.bath.ac.uk/ace/undergraduate/placements

Our industrial placement takes place after Year Two. This allows you to experience life in the workplace and is designed to make you more employable. Our strong links with industry provide opportunities to be employed by major companies and smaller businesses in the manufacturing sector. Mechanical Engineering students often work at:

- Rolls-Royce
- Dyson
- Airbus UK
- Williams F1
- McLaren Automotive
- BAE Systems
- Gillette.

Our placements are for 12 months and are supported by a dedicated placement team throughout. A placement will provide transferable skills that support your Group Business and Design Project in Year Three and your Individual Research Project in Year Four. It can also contribute to your application for Chartered Engineer status.

#### Careers

#### www.bath.ac.uk/careers/destinations

Our engineering graduates have a range of skills that makes them attractive to prospective employers such as experience of working in teams, problem solving skills, creativity and numeracy. Graduates pursue active careers in both mechanical engineering and other engineering paths within the private and public sector.

Examples of different career paths:

- engineering: design and development
- engineering: automotive engineering
- engineering: aerospace/aeronautical engineering
- engineering: mechanical
- accountancy and finance
- management consultancy.

International and national employers for Mechanical Engineering include:

- BAE Systems
- Centrica
- Maersk Oil
- Ministry of Defence
- Honda
- Hawk-Eye Innovations
- Mercedes Benz
- Gillette
- Jaguar Land Rover
- Unilever
- E-ON.

A\*AA typical offer 200 places available 1230 applicants

**Number 1** in the Sunday Times University Guide 2013

**Number 1** for teaching satisfaction in the Guardian University Guide 2013

### **Programmes**

MEng (Hons) Aerospace Engineering Four years H400

Five years with placement H423

MEng (Hons) Automotive Engineering Four years H330

Five years with placement H343

MEng (Hons) Mechanical Engineering Four years H306

Five years with placement H309

MEng (Hons) Mechanical Engineering with Manufacturing and Management Four years H716

Five years with placement H713

MEng (Hons) Mechanical Engineering with Advanced Design and Innovation Four years H761

Five years with placement H762

## **Typical offers**

For detailed and up-to-date information please check our web pages.

A Levels: A\*AA

Including Mathematics and Physics with A\* in Mathematics or Physics. General Studies is excluded.

International Baccalaureate: Overall 36 with 6 in Higher Level Mathematics and Physics and 5 in English at Standard Level.

## For more information

Contact the Admissions Office

Email: admissions@bath.ac.uk Tel: +44 (0)1225 383019

The Department of Mechanical Engineering at Bath is fantastic. The staff provide a friendly and supportive environment and take a personal interest in all students. The Department helped organise my industrial placement as a project manager at a large pharmaceutical company. This experience really helped with my group business and design project and developed my expertise and skills which will be applicable to life and work after graduation. The placement opportunities at Bath are second to none, and really help you make your CV stand out from the crowd of other graduates you will one day be up against. 
 ■

Duncan Boa, Mechanical Engineering with Advanced Design and Innovation graduate

Check our study web pages before you apply: www.bath.ac.uk/study/ug

# **Economics**



Economics helps us answer questions such as: will the Euro survive and in what form? Do higher environmental taxes harm the economy? You will be taught how to reason analytically in solving economic problems by critically appraising economic theory and using quantitative techniques.

At Bath it is possible to study economics either as a single honours subject, or jointly with politics or with international development.

Economic theory is divided into microeconomics and macroeconomics. As well as core economics units there are many optional units, e.g. labour economics, international trade, money and finance, environmental economics, econometrics and the economics of incentives.

Politics as an academic discipline is concerned with theory and practice in the

## BSc (Hons) Economics degree programme structures

**BSc (Hons) Economics & Politics International Development** Core units - common to all programmes Introductory macroeconomics; Introductory microeconomics; Modern world economy; Economic data analysis; Mathematics 1; Statistics Compulsory units Compulsory units Compulsory units Year 1 Key concepts in politics; Political ideologies; Introduction to international development; Mathematics 2: Economic policy in the UK Introduction to politics of development; International relations & global politics Introduction to social analysis of development; Development economics 1 Optional units Optional unit Core units - common to all programmes Intermediate macroeconomics 1; Intermediate microeconomics 1 Compulsory units Economics of politics; Compulsory units Compulsory units Intermediate microeconomics 2; Development economics 2; Year 2 Intermediate macroeconomics 2; Economic thought and policy; Researching social change; Introduction to econometrics European political thought International economics; International politics of development; Development policy and practice Optional units Optional units Optional units Optional professional placement year Year 3 Optional units Compulsory units Compulsory units Advanced macroeconomics; Analytical development economics; Advanced microeconomics Regional specialism; **Final** Development finance Year Optional units Optional units Includes a dissertation option for all programmes For further details on the type of optional units available please visit www.bath.ac.uk/study/ug

## www.bath.ac.uk/economics

exercise of power in societies, and the resolution of conflict about power and policy. International Development embraces the study of economics, politics and sociology of developing countries.

We believe that our economics programmes at Bath are among the very best. Some of the features that we think contribute to our success are:

- friendly department with an excellent reputation
- strong emphasis on marketable and transferable skills
- strong links with prestigious organisations, including the Bank of England, HM Treasury, the Office for National Statistics, HSBC, Goldman Sachs, J.P. Morgan, KPMG and many others
- established experience in industrial training placements
- flexible choice of programme.

#### **Placements**

#### www.bath.ac.uk/hss-placements

We have a long and valued history of cooperation with government, industry and research organisations, and are proud that our programmes achieve the integration of practical experience and theoretical study. Industrial training is an option on all three of our programmes. We select placements carefully to give practical experience in the use of economics and regularly place students with prestigious companies and organisations, including: The Bank of England, HM Treasury, HSBC, PricewaterhouseCoopers, BP plc, Goldman Sachs, Morgan Stanley and Amazon.

Placements, which are most often paid, are chosen in consultation with the Placements Officer, though each student must satisfy the requirements of each employer's selection process. Students benefit enormously from a placement and employers also value them highly, and are keen to recruit graduates who have a good degree from a good university and professional experience in the work place.

#### **Careers**

Bath economics graduates are very successful in today's competitive labour market, pursuing a range of careers in both the private and public sectors. The majority of graduates enter employment as:

- economists
- financial or business analysts
- researchers
- accountants
- tax professionals

Our graduates go on to work for similar employers to those listed as our placement hosts.



**©** I chose the University of Bath because of the beautiful city and industrial placement culture. There seemed to be a lot of support for students and excellent employability prospects. I enjoyed the flexibility of the economics programme, such as the Management School options, as it allows students to pursue opportunities offered outside the pure economics route.

The placement year has been the most significant factor contributing towards my career; I undertook an industrial placement as an Operations Analyst at Morgan Stanley in their commodities department. This allowed me to realise what I wanted to do and provided me with invaluable experience. ①

Ashley Wang, BSc (Hons) Economics graduate

A\*AA typical offer 190 places available 1370 applicants

**87%** satisfaction rate in the 2012 National Student Survey

Ranked 7th for graduate prospects in the Complete University Guide 2013

#### **Programmes**

BSc (Hons) Economics Three years L100

BSc (Hons) Economics
Four years with placement L101

BSc (Hons) Economics and Politics Three years LL12

BSc (Hons) Economics and Politics Four years with placement LLC2

BSc (Hons) Economics and International Development Three years LL19

BSc (Hons) Economics and International Development Four years with placement LLC9

A new degree programme is being planned for 2014 in Economics and Mathematics, please check our website for the latest information.

### Typical offers

For detailed and up-to-date information please check our web pages.

A Levels: A\*AA

GCSE Mathematics A or A\* or IGCSE Mathematics A and A2 Mathematics are required at grade A or above.

International Baccalaureate: 38 points (including bonus points) with grades of 7, 6 and 6 in a combination of 3 subjects at the higher level.

Mathematics at Higher Level is essential.

BTEC: BTEC Level 3 qualifications are acceptable when offered in combination with two A Levels at grade A: one of which must be A-level in Mathematics. You will need to achieve a Distinction grade in all units from these qualifications.

#### For more information

Contact the Admissions Office Email: admissions@bath.ac.uk Tel: +44 (0)1225 383019

Check our study web pages before you apply:

www.bath.ac.uk/study/ug

# **Education**



Bridging the disciplines of psychology and education, our Childhood, Youth and Education Studies programme explores how young children and adolescents learn and develop in contemporary British society and across the world.

- Delivered jointly by the Departments of Education and Psychology, providing you with a unique blend of social science units that relate to the study of children and young people.
- You will benefit from the expertise of lecturers and researchers with international reputations who ensure a continually developing programme that takes into account the most recent developments in research, policy and practice.
- A professional placement year is offered to you as a distinctive programme option.

This programme aims to:

 give you an in-depth understanding of the social and developmental contexts of childhood and youth

## BA (Hons) Childhood, Youth and Education Studies degree programme structure

	Semester 1	Semester 2
Year 1	Childhood, education and schooling Childhood, youth and family Introduction to research methods 1 Mind and behaviour 1 Representations of childhood and youth	Childhood, youth and deviance Early childhood and primary education Learning: theory and context Mind and behaviour 2 Philosophy of education 1
Year 2	Contemporary issues in childhood and youth 1 Intervention, organisation and practice Introduction to research methods 2 Social psychology Select one from two options: Education in society Director of Studies' approved unit	Developmental psychology Educational psychology Global perspectives on childhood and education Language, communication and learning Select one from two options: Current issues in philosophy of education Director of Studies' approved unit
Year 3	Optional Professi	onal Placement
Final Year	Contemporary educational psychology Contemporary issues in childhood and youth 2 Developmental psychopathology Dissertation part 1 Select one from two options: Attitudes and social cognition Director of Studies' approved unit	Children and technology Children and young people as consumers Dissertation part 2

## www.bath.ac.uk/education

- explore government priorities relating to children's lives and wellbeing and how these link to integrated children's services and the role education plays in multiagency working
- prepare you for a variety of careers relating to children, youth and family services, including teaching.

#### **Placements**

#### www.bath.ac.uk/hss-placements

You will have the opportunity to spend up to twelve months on work placement in your third year. Placements give you excellent hands-on experience and help you decide where your specific interests lie. This experience will develop your knowledge and

understanding and allow you to consider more deeply your interests and preferences in preparation for future employment. This also gives you a competitive advantage when applying for jobs.

### Career opportunities

The degree prepares you for employment within a range of services for children and young people, for example teaching, childcare, social work, youth work or special needs. It also enables you to work with nongovernmental organisations whose concern is the welfare of children, their families and young people. Achieving a 2:1 or above will give you the opportunity to study for a higher degree and pursue an academic career in the social sciences.



**©** When I was looking for a university I looked at ideal location, high standards of teaching, variety of lectures and the achievements of the whole university. The BA (Hons) Childhood, Youth & Education Studies at Bath meets all of these criteria. Top class teaching in a whole range of units means that we learn an assortment of sociology, psychology and education so that we have an array of knowledge and experience.

The course helps each individual learn and prepares you for life after university. The University helps develop each individual's confidence and independence and the one-to-one tutoring is a valuable part of the staff-student co-operation. The University is based in the gorgeous city of Bath, just a short bus trip from the large, diverse and historical centre. If I was ever asked to make the decision again, I wouldn't change a thing.  $\odot$ 

Caitlin Burrows, BA (Hons) Childhood, Youth and Education Studies graduate

ABB typical offer 26 places available 150 applicants

Ranked 5th for research quality in The Times Good University Guide 2013

## **Programmes**

BA (Hons) Childhood, Youth and Education Studies Three years LX5H

BA (Hons) Childhood, Youth and Education Studies
Four years with placement LXM3

#### Typical offers

For detailed and up-to-date information please check our web pages.

A Levels: ABB

At least 5 GCSE passes at grade C and above, which must include Mathematics, English and a science. General Studies is excluded

International Baccalaureate: 35 points.

BTEC: An appropriate BTEC qualification with a Distinction profile (DDD). At least 5 GCSE passes at grade C and above, which must include Mathematics, English and a science

Applicants may also be asked to submit one piece of written work for consideration.

Access to HE Diploma: Pass an Access to HE Diploma and obtain grades of Distinction in units which have a total value of at least 12 credits and Merit in units which have a total value of at least 21 credits.

Must include Passes in GCSE equivalence English and Maths, if equivalent qualifications have not already been achieved.

Applicants may also be asked to submit one piece of written work for consideration.

#### For more information

Contact the Admissions Office Email: admissions@bath.ac.uk Tel: +44 (0)1225 383019



# Modern Languages and European Studies



Achieve fluency in two languages from French, German, Italian, Russian and Spanish, as well as develop detailed knowledge and understanding of the political and cultural issues.

- A broad-based approach, incorporating history, culture, politics, society and languages, with a contemporary focus.
- The study of two equally weighted languages, taught in the context of the countries in which they are spoken and alongside a wide range of integrated options.
- Graduates develop transferable skills making them highly desirable to employers, reflected in our consistently high employment rankings.

Three closely integrated strands run throughout the three taught years:

- Language studies develop fluency and accuracy, and are taught through a variety of media: exercises in written and spoken language, audio-visual classes and self-access Computer Assisted Language Learning materials.
- Area studies units develop and enhance an understanding of nation-specific social, cultural and political developments, and provide historical background.
- Europe units provide an overarching view of developments affecting Europe as a whole (for example, East and West).

## BA (Hons) Modern Languages and European Studies degree programme structure

	Language 1	Language 2	European Studies
Year 1	Written and spoken language Cultural studies Politics and society	Written and spoken language Cultural studies Politics and society	Europe since 1945 Introduction to European studies
Year 2	Written and spoken language Cultural studies Politics and society	Written and spoken language Cultural studies Politics and society	European integration European optional unit
Year 3		Year abroad	
Year 4	Written and spoken language National optional units	Written and spoken language National optional units	European optional units

Students and staff from all the language sections come together for the **European Studies** element of the programme. These interesting and diverse units underpin language studies and provide an overarching view of developments affecting Europe as a whole.

Politics and Society units develop and enhance an understanding of nation-specific socio-political developments and provide both historical background and political insight.

Cultural Studies involves the study of modern literature and visual culture, including film, from the countries in question.

Politics and Society and Cultural Studies are often taught together in blended units.

For further details on the units available, please see our website: www.bath.ac.uk/study/ug

# www.bath.ac.uk/polis

You may take in tandem either two languages from an advanced level, or one language from an advanced level and an *ab initio* (beginners) level language.

#### The Year Abroad

#### www.bath.ac.uk/hss-placements

This programme includes a mandatory year abroad during the third year. You can spend this year as follows:

- Undertaking a study placement at a foreign university (usually an exchange with one of our current ERASMUS partners)
- Working as a Language Assistant in a school
- On a work placement

You have the flexibility of combining any of these options.

Our dedicated and experienced Placements Officer will support and guide you through the recruitment process to gain your placement.

The Year Abroad assessment contributes towards your final degree classification.

#### **Career Opportunities**

#### www.bath.ac.uk/careers/destinations

Our graduate employment prospects have been consistently ranked among the best in the UK.

The types of careers our graduates go into are wide-ranging. Some become professional linguists – working as teachers or as translators and interpreters in the European Parliament. Most find work in a wide range of public and private sector institutions, where their communication skills, cultural and social awareness are highly valued.

Recent graduates have found work in, for example:

- Lloyds Banking Group
- International Tennis Federation
- Department for Work and Pensions
- European Parliament (Belgium)
- Jet Air (Germany)
- Université de Provence (France)
- Louis Vuitton

A high number of students choose to go directly into employment at a national or international level. Some decide to pursue further courses of study.

**©** I was really impressed with Bath's focus on the contemporary situation in Europe. The various units on offer allow students to get to grips with their chosen interests within today's society.

I have been lucky enough to have language lessons taught by enthusiastic native speakers and individual units led by true experts in the field.

Overall, the course at Bath has helped me gain a sound knowledge of European history and culture, especially in relation to France and Italy. It has allowed me to become trilingual and has instilled in me a true passion for languages. •

Steven Wonnacott BA (Hons) Modern Languages and European Studies graduate

## **AAA-ABB** typical offer

130 places available

970 applicants

**91%** satisfaction rate in the 2012 National Student Survey

**Top 5 Ranking** for graduate prospects in the Complete University Guide 2013 (For European Languages)

#### **Programmes**

### BA (Hons) Modern Languages and European Studies

(French and German) 4 years with year abroad RR12 (French and Italian) 4 years with year abroad RR13 (German and Italian) 4 years with year abroad RR23 (French and ab initio Italian) 4 years with year abroad RR1H (French and ab initio Russian) 4 years with year abroad RR1V (German and ab initio Italian) 4 years with year abroad RR2H (German and ab initio Russian) 4 years with year abroad RR2T (French and Spanish) 4 years with year abroad RR14 (Spanish and Italian) 4 years with year abroad RR43 (Spanish and ab initio Italian) 4 years with year abroad RR4H (Spanish and ab initio Russian) 4 years with year abroad RR4T (German and Spanish) 4 years with year abroad RR24

#### BA (Hons) in a European Language and Politics

French and Politics 4 years with year abroad RL12 German and Politics 4 years with year abroad RL22 Italian and Politics 4 years with year abroad RL32 Italian (ab initio) and Politics 4 years with year abroad RL23 Russian\* (ab initio) and Politics 4 years with year abroad RL72 Spanish and Politics 4 years with year abroad RL42

\*Russian: beginners level only

## **Typical offers**

For detailed and up-to-date information please check our web pages.

A Levels: Typical offer AAB-ABB; AAA for RR14 (French and Spanish)

Joint Language programmes: Both of the languages to be studied are required at A2 level, except when the language is to be studied from *ab initio* level. An A in one of the two languages is normally required. An A in both languages is preferred for RR14 (French & Spanish).

Italian has a beginners and an advanced stream. Russian is only offered at beginners level. Students choosing to begin a language from scratch should have a good grade at GCSE or equivalent in a foreign language.

#### International Baccalaureate:

34 points, to include 2 languages at Higher Level with 6 in one language and 5 in the other, except where the language is to be studied from *ab initio* level.

36 points for RR14 French and Spanish. 6 in both languages at Higher Level is preferred.

#### For more information

Contact the Admissions Office Email: admissions@bath.ac.uk

Tel: **+44 (0)1225 383019** 

For information on other degree combinations with languages, see pages 47 and 73. Don't forget you can study Languages and Politics. See pages 46-47 for details on the Politics programme.



# **Politics**



#### **Politics with International Relations**

This degree programme offers the opportunity to study the disciplines of politics and international relations, combining political science approaches with an engagement with the problems, issues and institutions of global politics and governance. As demonstrated by topics such as terrorism and climate change, there are no clear boundaries between national and international politics: this course offers a systematic examination of both spheres and subject areas.

The degree is designed for those interested in contemporary world issues of power, decision-making, democracy and inequality who wish to study the reality and contexts of comparative politics, political ideas, and the emerging processes and institutions of international politics.

The Politics with International Relations degree programme is designed to:

- encourage the development of critical perspectives on problems of politics and international relations in contemporary and historical contexts
- provide you with a thorough grounding in relevant theories and concepts, together with the opportunity to engage with contemporary debates and controversies
- give you a stimulating environment for your learning and development
- the opportunity to undertake a professional placement.

#### **Politics with Economics**

The main emphasis of this programme is on politics, with a solid foundation in economics – an important and relevant combination in our increasingly globalised world.

Focus on politics and economics at the national and global level, including the globalising international economy, US and European politics and foreign policy.

## BSc (Hons) Politics with International Relations and Politics with Economics programme structures

	Politics with International Relations	Politics with Economics			
	Core units – common to both programmes: British politics; Comparative politics; International relations and global politics; Key concepts in politics; Political ideologies				
Year 1	Compulsory unit: Compulsory units: International history 1815-1991 Introductory economics 1 & 2; Research & com				
	Optiona	l units			
	Core units – common t American politics; European political thou				
Year 2	Compulsory units:  A history of international relations theory; Conflict & international security; Foreign policy-making and its analysis; International organisation; International political economy	Compulsory units: Economics of politics; Economic thought & policy			
	Optional units				
Year 3	Optional professional placement year				
	Core unit – common to both programmes: Dissertation				
Final Year	Compulsory unit: US global politics	Economics optional unit			
	Optional units				

For details of the Language and Politics programme and individual units, please see our website: www.bath.ac.uk/study/ug

## www.bath.ac.uk/polis

- Close integration of political science, political economy, international relations and other social sciences in the study of alobal societies.
- A grounding in micro and macro economics.
- Professional placement opportunity in the third year, which is highly valued by employers and provides an advantage in the competitive job market.

## Language and Politics

This programme enables students to master one European language and acquire the knowledge and analytical skills necessary to understand the political, social and economic changes which are currently affecting Europe and the world.

- Special focus on one particular European language in its historical, political and cultural setting.
- An interdisciplinary and integrated approach, including perspectives from political science, international relations and cultural studies.
- The study of one language from an advanced level or from scratch (ab initio) and the opportunity to pursue the study of another language alongside your main programme.

A year abroad is compulsory for all students of Language and Politics. This can be spent on a study placement at a foreign university (usually an exchange with one of our ERASMUS partners), as a language assistant in a school, on a work placement, or a combination.

#### The placement year

#### www.bath.ac.uk/hss-placements

(Politics with International Relations/Politics with Economics only)

These programmes provide students with the opportunity to undertake a one-year placement during the third year. Over the years, the University has built up contacts with a large number of organisations that provide the high standard of training we expect.

#### Career opportunities

#### www.bath.ac.uk/careers/destinations

Politics at Bath is ranked 1st in the UK for successful graduate employment (The Complete University Guide 2013).

Graduates in Politics and International Relations are found in a wide range of jobs, with the public sector being popular.

Popular destinations for Politics with Economics graduates are jobs in the banking and finance industries, the media, public administration and national, European and international political institutions and organisations.

The combination of the study of politics and a language is one that is highly relevant to the employment opportunities in Europe and beyond, in a broad range of commercial and public arenas.

Many politics graduates have chosen to study for a higher degree and pursue an academic career. This degree prepares graduates for further study and provides an excellent foundation for our postgraduate programmes.

**©** I decided to choose Politics with Economics at Bath because of its excellent array of modular subjects that are rated highly in teaching and research in the academic field. In addition to this, I was able to undertake an aspect of economic study without the prerequisites of maths and complicated quantitative analysis, keeping opportunities available in employment that look for economic understanding in the competitive job market. The placement opportunities at the end of the second year will also allow me to get a practical application to my theoretical study. •

Conrad Oakley, BSc (Hons) Politics with Economics graduate

#### **Politics with International Relations**

**AAA** typical offer

92 places available

440 applicants

**Politics with Economics** 

**AAA** typical offer

53 places available

150 applicants

**Language and Politics** 

AAB-ABB typical offer

20 places available

110 applicants

93% satisfaction rate in the 2012 National Student Survey (Politics with Economics)

**Number 1** for graduate prospects in the Complete University Guide 2013 (Politics)

#### **Programmes**

**BSc (Hons) Politics with International Relations** 

Three years L291

Four years with placement L290

**BSc (Hons) Politics with Economics** 

Three years L2L1

Four years with placement L2LC

### BA (Hons) Language and Politics

French and Politics Four years with year abroad RL12 German and Politics Four years with year abroad RL22 Italian and Politics Four years with year abroad RL32 Italian (*ab initio*) and Politics Four years with

year abroad RL23

Russian\* (ab initio) and Politics Four years with

year abroad RL72
Spanish and Politics Four years with year abroad RL42

\*Russian: beginners level only

### Typical offers

For detailed and up-to-date information please check our

Politics with International Relations: AAA (IB min 38 with grades 6,6,6 at higher level minimum)

Politics with Economics: AAA (IB min 38 with grades 6,6,6 at higher level minimum)

Language and Politics: AAB-ABB (IB 36-34)

All applicants must have English Language GCSE Grade C or above or an equivalent English Language qualification such as IELTS 6.5 or above.

Preference will be given to applicants who provide evidence of a strong interest in politics and/or international relations.

#### For more information

Contact the Admissions Office

Email: admissions@bath.ac.uk Tel: +44 (0)1225 383019



# **Psychology**



Psychology is both the science of mental life and the science of behaviour. It is a popular and broad discipline covering social behaviour, neuropsychology, thinking and reasoning, and child development amongst much else.

- We are one of very few degree programmes in the UK that offer a professional placement as an integral part of the course.
- Recognised by the British Psychological Society as providing the Graduate Basis for Chartered Membership (GBC).
- Close association with employers and strong emphasis on developing marketable and transferable skills.
- The rigour of a science degree with insights into every facet of psychology.

Our BSc in Psychology provides students with a grounding across the discipline and focuses particularly on areas specified by the British Psychological Society including:

 Cognitive psychology (how we remember, learn, think, reason, perceive, speak and understand).

## BSc (Hons) Psychology degree programme structure

Year 1

Compulsory Psychology units

Applying psychology;

Controversies in psychology 1 & 2;

Mind and behaviour;

Psychology laboratory and quantitative methods 1

&

Optional units

(e.g. Biology, Education, Languages, Neuroscience, Social policy, Sociology, Sport and exercise science)

Year 2

Compulsory Psychology units

Biological psychology; Cognitive psychology;

Developmental psychology;

Personality;

Quantitative methods 2;

Research methods and design;

Research project;

Social psychology: traditional and critical approaches

&

Optional units

(e.g. Biology, Education, Languages, Neuroscience, Social policy, Sociology, Sport and exercise science)

Year 3

Compulsory professional placement year

Final Year Compulsory Advanced Psychology units Psychology dissertation History of psychology &

A range of advanced psychology and non-psychology units/options

#### Notes

- Units may be removed, altered or added according to developments in the programme.
- Prerequisites may be required for some units.
- For further details of specific units available, please visit www.bath.ac.uk/study/ug

# www.bath.ac.uk/psychology

 Social psychology (how human behaviour and experience are affected by social context).

We also teach a broad range of research methods. Like all degrees we train you in experimental methodology but we also have a strong emphasis on observational research and qualitative analysis, for example using data from interviews and focus groups. In addition, the Bath programme has a distinctive focus on approaches that are not always found in psychology degrees including critical social psychology and cyber-psychology.

One-fifth of our programme consists of units which are taught by other University of Bath departments. In each year you take core psychology units and choose extra units to explore an area outside psychology. In the final year (if you wish) all your units can be psychology or you can continue with your chosen options to the next level.

#### The placement year

www.bath.ac.uk/hss-placements

- Compulsory
- Working with a professional psychologist in an apprentice role
- Opportunities to work overseas
- Support staff specific to placements help you organise the placement year

- Possibilities are varied (e.g. clinical, educational, occupational or research settings)
- Most final year dissertations arise out of research work done during the placement year
- Invaluable as a preparation for your career choice.

#### **Career opportunities**

#### www.bath.ac.uk/careers/destinations

Psychology is highly marketable in communications, counselling, health, management, police work and social research in addition to its traditional place in clinical, educational, market research and occupational contexts. Much professional work in psychology requires further specialist training but there are many areas of work in which a psychology first degree is a recognised asset on its own. Over half of Bath graduates in Psychology go on to specialist graduate training in psychology.

Our department is also a training centre where select, experienced graduates study for doctorates in clinical psychology, and we have a well-established Masters course in health psychology.

⚠ My placement year was spent at Harvard University, in the Department of Psychology. I worked as a research assistant in a laboratory at Harvard University, specialising in Cognitive Neuroscience, and Cognitive Psychology. During my internship, I took part in a wide range of projects and the knowledge I gained provided me with the ability to formulate, design, and execute my research project for the final year dissertation.

The placement provided me with the opportunity to learn about responsibility and professionalism at work. I am extremely glad to have embraced the chance to move to a new country as I have become more independent and confident. I could not have imagined a more rewarding experience! •

Coralie Eggeling, BSc (Hons) Psychology graduate

• Psychology is an ever-growing discipline that seeks to explore the mental complexities of human behaviour. The University of Bath stood out for me as the best place to study it. Psychology at Bath offers a great opportunity to really learn and experience professional psychology at a variety of world-renowned institutions and organisations, which is a valuable addition to the degree.

The skills that I have developed have equipped me with the confidence and desire to pursue a career as a professional psychologist. 

Michelle Tsang, BSc (Hons) Psychology graduate

A\*AA typical offer 105 places available 800 applicants

**Number 1** for graduate prospects in the Sunday Times University Guide 2013

Ranked 4th in the Complete University Guide 2013

#### **Programmes**

**BSc (Hons) Psychology**Four years with placement C800

#### **Typical offers**

For detailed and up-to-date information please check our web pages.

A Level: A2: A\*AA

International Baccalaureate: 38 points overall with grades of 7,6,6 at Higher Level.

#### Access to HE

Pass an Access to HE Diploma and obtain grades of Distinction in units which have a total value of at least 18 credits and Merit in units which have a total value of at least 15 credits.

Level 3 Maths units are essential.

Applicants may be asked to submit one piece of marked coursework for consideration. Applicants may also be asked to produce a written review of an academic research paper and be invited to attend an interview.

#### GCSE or equivalent:

An A grade in Mathematics and English are required.

In addition, preference will be shown to applicants who can demonstrate the following skills, attributes and qualifications:

- Evidence of a strong interest in Psychology demonstrated by extracurricular activity, research or work experience.
- Evidence of study in addition to core subjects such as additional AS level(s), additional A2 level(s) (including Critical Thinking/General Studies) or an extended project

#### For more information

Contact the Admissions Office

Email: admissions@bath.ac.uk Tel: +44 (0)1225 383019



Check our study web pages before you apply:

www.bath.ac.uk/study/ug

# Sociology, Social Policy and Social Sciences



Our degrees allow students to specialise; they also allow considerable flexibility for those who wish to pursue specific themes and interests.

- The Department of Social and Policy Sciences prides itself on a personal approach to its students, who benefit from small group teaching and individual support. With an excellent international reputation for the quality of its degree programmes and research, the department places great emphasis on high quality teaching.
- In 2011 the Department was awarded a prestigious Queen's Anniversary Prize for Higher & Further Education. This means that our 300 undergraduates and thriving postgraduate community are taught by academics at the forefront of their field.

## Social & Policy Sciences degree programme structures

Core units

Social & F	cial & Policy Sciences degree programme structures							
	Sociology	Social Policy	Sociology and Social Policy	Social Sciences				
		Common first year for all Social Policy Sciences degrees						
Year 1	I	ntroductory units in sociology, s	ocial policy and social research					
	At this early stage students would start to plan which area of specialism they might like to pursue in Years 2-4 (e.g., childhood and youth or criminal justice).  Optional units include psychology, economics, politics, languages, international development, management, education							
		Social resear	ch methods					
Year 2	Units in social theory and philosophy of social science  Units in social justice, power, policy analysis and family policy  Units in social theory and philosophy of social science.  Units in social theory and philosophy of social science.  Units in social theory and philosophy of social science, power		This flexible programme allows you to make 80% of your choices from units across the whole Faculty					
	Optional units include race and ethnicity, childhood, the body, health and illness, sexuality, work and organisations, criminal justice, politics, psychology, economics, languages, international development, science and technology, media.							
Year 3	Optional professional placement year							
	Dissertation							
Final Year	Social theory	Social security, health policy, European social policy	Social theory European social policy	This flexible programme allows you to make 80% of your choices from units across the whole Faculty				
	Options include death and dying, corporate power, sexual violence, complexity and social dynamics, work, social movements, politics, psychology, languages, international development, faith, media & terrorism.							

# www.bath.ac.uk/sps

One of the strengths of our programmes is the opportunity to gain invaluable work experience as part of the professional placement year.

#### Sociology

Sociology is concerned with the study of society in all its aspects - how society works, how institutions develop and operate, and how societies change. You will explore current issues such as 'how did the criminal justice system respond to the riots in the summer of 2011?', 'does the media have too much influence on personal lifestyles?' and 'what impact does the changing role of motherhood have on family life?'. Through an appreciation of sociological concepts and theories, you will develop a critical and historical understanding of social relationships. Our programme aims to provide you with a good analytical and methodological foundation for the study of collective and individual behaviour

## **Social Policy**

Our degree programme in Social Policy is designed to enable you to analyse changes in government policy and its impact on human wellbeing and welfare in areas such as health care and social security. You will explore issues such as 'even more people cohabit now than in previous years – is marriage declining in importance?', 'what does it mean to be a modern father?', 'what role should Britain play in Europe?' and 'in an ageing population, how will society fund long term care?'.

#### Sociology and Social Policy

This is a joint degree comprised of units drawn from Sociology and Social Policy. The programme links the theoretical and practical approaches to questions of inequality and

social justice, using interdisciplinary methods. It aims to give you a unique set of skills in terms of employability and the opportunity to specialise in an area that is commensurate with many careers in the voluntary, private or public sector.

## **Social Sciences**

Our most flexible programme, offering a broad-based training in the social sciences. It is especially appropriate for those who are interested in the social sciences in general, and do not wish to specialise in one particular discipline. In the first year, you can follow units in sociology, social policy, psychology, economics, politics and languages. During the final two years, you can either continue with this broad-based approach, or choose to specialise in particular areas.

#### The placement year

### www.bath.ac.uk/hss-placements

Our degrees can be studied over four years, with the third year spent on placement. All students can take placements in commercial, voluntary or government organisations, or in a research setting. Placements may be paid or unpaid.

#### Career opportunities

#### www.bath.ac.uk/careers/destinations

Those who study the social sciences have good career options including: Social and Policy Researchers (national and international organisations, Governmental and Non-Governmental Organisations); Academia, Social Care Services; Public Services; Overseas Development; Public Relations; Teaching; Journalism and Media; Human Resource Management; Marketing; Customer Services; Finance and Accounting.

The University of Bath was a natural choice for me. Not only does it have one of the best Social and Policy Sciences departments in the country, but also outstanding sports facilities and fantastic society and leisure activities. The course is demanding but the staff have been nothing but encouraging and supportive throughout my studies. The lectures are fascinating and we do get an opportunity at seminars to exchange our views with other students. Bath seems like a perfect option if you are serious about what you study and if you want to have a wide variety of options available to you after you graduate.

Sylwia Jablonska, BSc (Hons) Social and Policy Sciences graduate

## **AAB-BBB** typical offer

76 places available

450 applicants

Ranked 2nd in the Complete University Guide 2013 (For Sociology)

**Number 1** for research quality in The Times Good University Guide 2013

#### **Programmes**

BSc (Hons) Sociology Three years L300

BSc (Hons) Sociology
Four years with placement L304

BSc (Hons) Social Policy Three years L404

BSc (Hons) Social Policy Four years with placement L405

BSc (Hons) Sociology and Social Policy Three years LL34

BSc (Hons) Sociology and Social Policy

Four years with placement LL43

BSc (Hons) Social Sciences Three years L305

BSc (Hons) Social Sciences Four years with placement L306

## **Typical offers**

For detailed and up-to-date information please check our web pages.

A levels: AAB-BBB

GCSE English is required at grade C or above and Mathematics is preferred at grade C or above.

International Baccalaureate: 32-35 points.

Access to HE Diploma:

Pass an Access to HE Diploma and obtain grades of Distinction in units which have a total value of at least 6 credits and Merit in units which have a total value of 27 credits. Must include Pass in Level 2 English.

#### For more information

Contact the Admissions Office Email: admissions@bath.ac.uk Tel: +44 (0)1225 383019



# Social Work and Applied Social Studies



An opportunity to build your understanding of sociology, social policy, psychology and research methods as well as social work theory and to relate this to the skills required for social work in practice.

- A lively, vibrant learning community, including individual personal tutors, student mentoring, peer assisted learning and a student social work society.
- University based learning and 200 days assessed practice, as required by the Health and Care Professions Council (HCPC) and endorsed by The College of Social Work.
- There is the opportunity to develop more specialised knowledge and practice with teaching on social work with adults and children and families as the focus of your University-based and practice-based learning.
- Placements are opportunities to use the theory you have learnt in a practical context, refine your skills further and enhance your employability.

### BSc (Hons) Social Work and Applied Social Studies degree programme structure

#### Community profiling: community needs assessment, Community profiling: community needs assessment, groups and teamwork (including skills days) groups and teamwork (including skills days) The principles and uses of social science Introduction to social work Year 1 Social work and life course 1 Social work and life course 2 Social problems and social policy Social policy, welfare and the state Introductory sociology A Introductory sociology B Practice learning placement (Year 2) Race and racism Discrimination and empowerment in social work Child care policy, practice, research and law 1 Year 2 (6 day workshops during placement) Theories and methods in social work Social work critical reflective practice assignment Mental health policy, practice, research and law 1 Working in a social care organisation Practice learning placement (Year 3) Legislation for social work practice 2 Social work practice case study Year 3 Mental health policy, practice, research and law 2 Social work dissertation Social work with adults Child care policy, practice, research and law 2

# www.bath.ac.uk/sps

#### The programme aims to:

- develop your understanding of social work values and your competence in applying practical skills and theoretical knowledge to professional Social Work
- develop research skills with particular reference to those skills relating to investigation, assessment and analysis
- develop critical, analytical problem-based learning skills and transferable skills to prepare you for professional Social Work or further study
- enhance the development of your interpersonal skills – communication and relationship.

#### **Placements**

#### www.bath.ac.uk/hss-placements

You undertake a total of 200 days assessed practice, as required by the HCPC. Some days, in Year 1, are spent on community profile projects. The two block placements (one in Year 2 and the other in Year 3) are normally within a 50 mile radius and arranged by the Practice Learning Tutor in consultation with the student and their personal tutor.

The range of placements varies from rural communities to inner city areas, working with children and family teams or with vulnerable adults or people with mental health issues. You might be with a statutory agency for one block placement and then with a large national charity or a small-scale local voluntary organisation for the other. Your placement might be in a residential or day care setting, a fieldwork team, a community-based neighbourhood project or a user-led organisation.

During each placement you receive supervision from a practice teacher who assesses your competence and contributes to the reports submitted at the end of each placement. Placements are assessed by means of a portfolio of work compiled by you.

#### **Career opportunities**

#### www.bath.ac.uk/careers/destinations

As a professionally qualified social worker you might work in a wide range of health or social care settings. Increasingly employment opportunities arise in multidisciplinary settings where social workers work alongside health care professionals such as occupational therapists or community nurses.



**©** The social work degree is fantastic; the staff's passion for social work is admirable and the encouragement and support they continue to provide is well-received by all the students. The lecturers are constantly updating their research and knowledge so we get taught the most current and up to date social work practice. The placement opportunities are excellent and really allow you to learn and develop in a supported environment. **⋑** 

Emma White, BSc (Hons) Social Work and Applied Social Studies graduate

## **AAB-BBB** typical offer

40 places available

310 applicants

**Number 1** in The Times Good University Guide 2013 (Social Work)

Number 1 for research quality in the Complete University Guide 2013 (Social Work)

#### **Programmes**

BSc (Hons) Social Work and Applied Social Studies Three years L501

#### **Typical offers**

For detailed and up-to-date information please check our web pages.

A levels: AAB-BBB
BTEC: DDD-DDM

Access: Pass an Access to HE Diploma and obtain grades of Merit and/or Distinction in units which have a total value of at least 36 credits. At least 24 of these credits must be achieved from units awarded at Distinction. Must include Passes in level 2 English and Maths if not already achieved at GCSE or equivalent.

#### Diplomas:

Principle Learning: Grade B Extended Project: Grade B

CACHE Diploma: Grade A

International Baccalaureate: 34 points

GCSE Mathematics and English Language at Grade C or above or an equivalent qualification.

The selection procedure involves an interview.

We will later require you to obtain an Enhanced Disclosure from the Criminal Records Bureau and complete a health declaration form as required by the HCPC.

#### For more information

Contact the Admissions Office

Email: admissions@bath.ac.uk Tel: +44 (0)1225 383019



# Biology, Biochemistry and Molecular and Cellular Biology



Preparing graduates to play vital roles as practical scientists, interpreters of modern bioscience and as agents who can make a real difference to our future.

- Flexibility to switch between a three or four year course and between programmes (Biology, Molecular & Cellular Biology and Biochemistry).
- Very high level of overall satisfaction in the National Student Survey.
- Broad range of placement opportunities in the UK and abroad.

#### **Biology**

Biology ranges from the molecular to the population level and incorporates a large element of choice. Specialities include organismal interrelationships, particularly pathogenicity and behaviour of microorganisms and their hosts, developmental biology and genomic evolution.

#### **Molecular & Cellular Biology**

Molecular and Cellular Biology focuses on understanding and application of how molecules and cells work in living organisms. Many of the recent headline-grabbing advances and controversies in medical and agricultural science are due to our increased knowledge in these areas.

#### Biology & Biochemistry degree programme structures

BSc (Hons) Biology

**BSc (Hons) Biochemistry** 

Core units common to all programmes
Skills and techniques, Cell biology, Cell and molecular biology, Genetics, Physiology.

BSc (Hons) Molecular & Cellular Biology

Year 1

### Core units

Ecology & evolution 1 & 2 The life of Earth 1 & 2 Biochemistry for Biologists

## Core units

Introduction to biological chemistry, General chemistry
Biochemistry 1 & 2
Proteins: purification & characterisation

Year 2

#### Core units

Practice of science
Data interpretation

Optional units

8 from a choice of 18

#### Core units

Enzymology, Protein structure DNA (making, breaking & disease) Biochemical problems & bioinformatics Practical molecular biology The dynamic cell 1

Optional units

4 from a choice of 8

#### Core units

DNA (making, breaking & disease)
The dynamic cell 1 & 2
Practical molecular biology
Techniques in cell biology
Directed studies

Optional units
4 from a choice of 12

Optional placement year - taken up by about two thirds of students.

Final Year

## Core units

Final Year project Final Year project, Gene Protein synthesis, foldi

Optional units
7 from a choice of 26

#### Core units

Final Year project, Genes & genomes, Protein synthesis, folding & turnover, Biochemical problems

Optional units
4 from a choice of 20

#### Core units

Final Year project, Genes & genomes, Protein synthesis, folding & turnover, Data interpretation in MCB

Optional units
4 from a choice of 31

# www.bath.ac.uk/bio-sci

### **Biochemistry**

Biochemistry provides a fundamental understanding at the molecular level of all life processes. With an increasing emphasis on front-line research as the course progresses, this course will allow students to enter a wide variety of academic, industrial and medically-related

All courses are designed to:

- offer a stimulating environment that will encourage students to develop their full academic potential
- instruct students in ways of approaching and analysing problems, so that they can reach considered and appropriate conclusions, and communicate these to others
- equip students with skills that are both of value to future employment in subject specific careers and transferable to other avenues of employment.

#### **Placements**

We run more placements than any other life science department in the UK. Our placement opportunities include top UK pharmaceutical companies (eg GlaxoSmithKline), UK research institutes (eg National Institute for Medical Research) and American universities (including labs at Ivy League universities).

Typically, two thirds of our undergraduates undertake placements. These are 12 month periods of paid employment giving students the chance to broaden their experience and transferable skills.

#### Career opportunities

#### www.bath.ac.uk/careers/destinations

Our graduates are highly sought after in the graduate market place and many go on to research careers through further study.

Typical employers include: universities, pharmaceutical industries, veterinary and medical services, animal nutrition and fisheries research, food manufacture, preparation and preservation industries, the water industry, microbiological and agrochemical industries, environment and conservation industries, biotechnology industries, agricultural, medical and chemical laboratories.

© From my experience, the placement system at Bath has been pivotal in providing me with a greater appreciation of the scientific method, in addition to specialist academic knowledge in several areas. I believe the lectures and practical classes were critical in training students to a level of competency and background knowledge, from which many of us were able carry out valuable work in an industrial or academic setting and even contribute to publications. Such experience is certainly highly attractive to employers.

I would highly recommend the University of Bath as a diverse and lively environment where you are able to develop both your academic ability and further interests, be it sport, arts or socialising. •

Jack Shepherd BSc (Hons) Biochemistry graduate

# **AAB** typical offer

178 places available

1160 applicants

**92%** satisfaction rate in the 2012 National Student Survey

Ranked 2nd in the Sunday Times University Guide 2013

#### **Programmes**

BSc (Hons) Biology

Three years C100

BSc (Hons) Biology with professional placement

Four years C111

**BSc (Hons) Biochemistry** 

Three years C700

BSc (Hons) Biochemistry with professional placement

Four years C703

BSc (Hons) Molecular and Cellular Biology

Three years C130

BSc (Hons) Molecular and Cellular Biology with

professional placement

Four years C131

## Typical offers

For detailed and up-to-date information please check our web pages.

#### **Biology**

A levels: AAB

To include Biology plus one other science or Mathematics.

#### International Baccalaureate:

35 points. To include HL Biology and one other HL science or Maths at Grade 6. No subject (HL or SL) should be graded less than 5.

#### **Biochemistry**

A levels: AAB

To include Chemistry plus one other science **or** Mathematics.

#### International Baccalaureate:

35 points. To include HL Chemistry and one other HL science or Mathematics at Grade 6. No subject (HL or SL) should be graded less than 5.

#### Molecular & Cellular Biology

A levels: AAB

To include Chemistry and Biology.

#### International Baccalaureate:

35 points. To include HL Biology **and** HL Chemistry at Grade 6. No subject (HL or SL) should be graded less than 5.

### For more information

Contact the Admissions Office

Email: admissions@bath.ac.uk Tel: +44 (0)1225 383019



# Chemistry

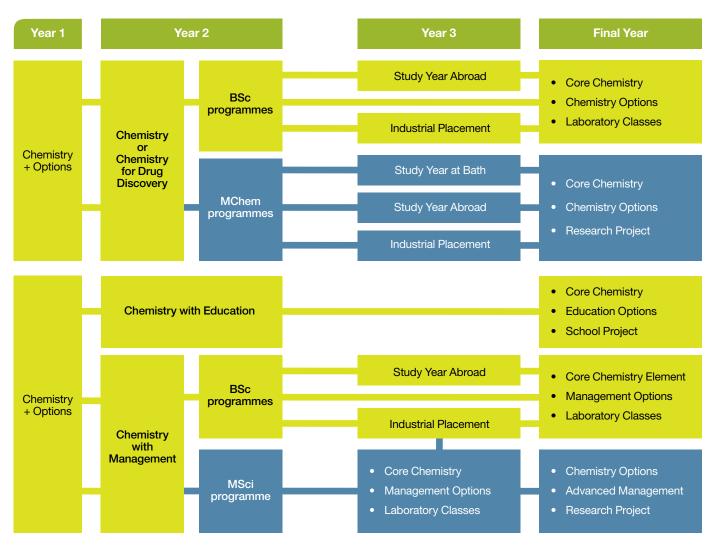


A chemist can move seamlessly between areas such as forensics, drug development and nanotechnology leaving you in an exciting position to explore a vast range of opportunities.

- Learn in state-of-the-art laboratories
- Benefit from over 40 years of experience with industrial placements
- Eighteen different courses to choose from
- Flexibility to change from one chemistry course to another
- Study year abroad in Europe, North America, Asia, Israel, Australia or New Zealand.

The Chemistry courses at Bath provide the highest quality teaching in readiness for both chemical and non-chemical careers.

## **Chemistry programmes**



## www.bath.ac.uk/chemistry

The emphasis of the course is on acquiring the practical and theoretical skills needed by a modern chemist. Programmes are designed to enable students to develop:

- an understanding of the theories of chemical behaviour and how they may be applied
- an ability to analyse, integrate and critically evaluate new information
- skills in experimental chemistry
- design of experiments to test hypotheses.

#### **Placements**

This programme offers:

- a wide range of placements in UK and overseas
- placement opportunities for most programmes
- a dedicated placement team
- support when on placement
- many opportunities for management placements.

#### Career opportunities

#### www.bath.ac.uk/careers/destinations

The nature of our courses and the calibre of our graduates ensure that they enjoy a high employment rate in industry, scientific administration, teaching, Research Councils and the Civil Service. Many students are employed in research and development. Others find employment in allied areas such as marketing, administration, production and technical services. A small number of students use their degree as a basic qualifying level of attainment to enter fields such as accountancy and insurance. The courses are also a sound preparation for proceeding to a higher degree in research before choosing a final career.

**©** I chose Bath because of its excellent reputation in Chemistry, the superb facilities and because of how welcoming the Department and campus seemed on the Open Day.

The Chemistry degree at Bath allows you to tailor your learning to suit your interests, for example, Chemistry can be studied with Management, Education or Drug Discovery. The Department gives guidance and support to students looking for placement and the Careers Advisory Service will help you with mock interviews and online tests. Around 60% of Bath students go on placement as a whole and it's an excellent opportunity to gain experience and see what you enjoy before moving into the world of work.

I feel I made the right choice in choosing to study at Bath, and have enjoyed my four years here immensely; the Department is welcoming and supportive to everyone and ready to assist its students in any way it can. •

Francesca Falluto, BSc (Hons) Chemistry with Industrial Training 2008-2012

**AAB** typical offer

102 places available

670 applicants

93% satisfaction rate in the 2012 National Student Survey

**Programmes accredited** by the Royal Society of Chemistry

#### **Programmes**

**BSc (Hons) Chemistry** 

Three years F100

Four years with industrial placement F101 Four years with Year Abroad F107

## MChem (Hons) Chemistry

Four years F103

Four years with industrial placement F104 Four years with Year Abroad F105

**BSc (Hons) Chemistry with Management** Three years F145

Four years with industrial placement F146 Four years with Year Abroad F1N2

MSci (Hons) Chemistry with Management Four years F1NF

Five years with industrial placement F1NG

**BSc (Hons) Chemistry for Drug Discovery** Three years F151

Four years with industrial placement F152 Four years with Year Abroad F153

MChem (Hons) Chemistry for Drug Discovery Four years F154

Four years with industrial placement F155 Four years with Year Abroad F156

BSc (Hons) Chemistry with Education Three years F1X3

#### Typical offers

For detailed and up-to-date information please check our web pages.

A levels: AAB

In addition to A2 Chemistry, at least one other A2 level subject should be science-related.

International Baccalaureate:

 $35\ points,$  including Chemistry at HL6 and no less than  $5\ in$  two other Higher Level subjects.

#### For more information

Contact the Admissions Office

Email: **admissions@bath.ac.uk** Tel: **+44 (0)1225 383019** 



# **Computer Science**



Well-educated computer scientists are in great demand worldwide. There are numerous employment opportunities for computer science graduates with a sound mathematical grounding, who understand security and systems design and human computer interaction.

- The Department is in the top ten in the UK for employability.
- Offering courses which include a comprehensive range of subjects.
- Excellent fully supported placement and study abroad provision for students in their third year.

Through studying Computer Science at Bath, students will gain a theoretical knowledge and a practical experience of a wide range of emerging technical methods, theories and techniques.

Themes contained within the Computer Science programmes include:

- Multimedia and Graphics
- Human Computer Interaction
- Software and Systems Engineering
- Foundations of Computation.

Students will have the opportunity and flexibility to choose appropriate options to match a chosen specialism and career path. This subject

## **Typical Computer Science degree programme structure**

Year 1	Year 2	Year 3	BSc Final Year	MComp Final Year	
Principles of	Advanced Programming Languages		Triple Module Project	Research Project	
Programming	Foundations of Computation				
			Networking	Entrepreneurship	
Software Systems Engineering	Software Systems Development	Optional Placement or Study Year Abroad		Optional Units (see MComp list below)	
Computer Systems Architecture	Human Computer Interaction		Optional Units (see BSc list below)		
Discrete Maths for Computation	Fundamentals of Computer Graphics				
Analytical Maths for Applications	Fundamentals of Pattern Analysis				

BSc Optional Units: Computer Algebra; Safety-Critical Computer Systems; Advanced Compilers; Intelligent Agents; Parallel Computing; Advanced Algorithms & Complexity; Advanced Computer Graphics; Advanced Human Computer Interaction; Cryptography; Logic and Semantics of Programming Languages; Business Strategy; Business Information Systems.

MComp Optional Units: Creativity and IT; Internet Technology; Mobile and Pervasive Systems; Computational Intelligence; Collaborative Systems; Digital Media; Interactive Communication Design; Security and Integrity.

# www.bath.ac.uk/comp-sci

can be studied as a joint programme with Business. Businesses are becoming increasingly international and therefore ever more reliant on computer software technology; this combination of disciplines prepares you for the job market.

#### **Placements**

The Department of Computer Science has a very successful Industrial Placement Scheme for students in their third year of study. These placements are an excellent way for students to gain an insight into what it's like to be a professional computer scientist for a year and many students are offered employment by their placement company once they graduate.

Computer Science students at Bath have undertaken placements in a wide range of industries, for example: computing and communication companies, investment banks and finance institutions, global defence and aerospace, management and computing consultancies, research laboratories and the media industry.

The many companies who have employed Department of Computer Science placement students include: Accenture, BAE Systems, JP Morgan, Oracle, Microsoft, Goldman Sachs, Vodafone, BT, Glaxo Smithkline, IBM, Proctor & Gamble, Symbian, Imagination Technologies, Paypal.

#### Career opportunities

#### www.bath.ac.uk/careers/destinations

Our computing graduates are placed in the leading companies and institutions of the UK and overseas. Major employers in the past few years have included: computing and communications companies, software houses, accountancy, banking and finance institutions, management and computing consultancies, government departments, research laboratories, and the media industry.

Within each industrial or commercial sector, the job opportunities are wide. For example, the media industry has offered our graduates employment in publishing, games software, virtual reality, multimedia applications for film and video, computer animation, internet hardware and software support and development.

The University of Bath is highly respected by industry and commerce, therefore our computing graduates are sought by the leading companies and commercial institutions.

O I studied Computing, Maths and History at A level, and made the decision to study at the University of Bath based on the Computer Science Department's reputation. It was important to me that the university I chose was rated highly amongst its peers. Furthermore, when comparing the modules taught at Bath with those available at other universities, I found that Bath offered the best balance between hardware and software, and provided the opportunity to tailor final year study to personal interests through great flexibility of options. •

Victoria Jones, BSc (Hons) Computer Science with Placement graduate

## **AAA-A\*AB** typical offer

90 places available

540 applicants

Ranked 4th in the UK for research output in the latest Research Assessment Exercise (RAE)

Ranked 6th in the Sunday Times University **Guide 2013** 

#### **Programmes**

**BSc (Hons) Computer Science** 

Three years G400

Four years with placement G401

Four years with Study Year Abroad 1110C

**MComp (Hons) Computer Science** 

Four years G403

Five years with placement G404
Five years with Study Year Abroad 1101

**BSc (Hons) Computer Science with Business** 

Three years G4N1

Four years with placement G4NC

Four years with Study Year Abroad 1101A

**BSc (Hons) Computer Science and Mathematics** 

Three years G4GD

Four years with placement G4GA

Four years with Study Year Abroad I10B

**MComp (Hons) Computer Science and Mathematics** 

Four years G4G1

Five years with placement GLG1

Five years with Study Year Abroad G4GC

**BSc (Hons) Computer Information Systems** 

Three years G500

Four years with placement G521

Four years with Study Year Abroad 1100

#### Typical offers

For detailed and up-to-date information please check our web pages.

A levels: AAA - A\*AB

Grade A in A level Mathematics is required for all programmes except Computer Information Systems. Applicants for Computer Science and Mathematics must also have grade A in either AS or A level Further Mathematics.

BSc (Hons) Computer Information Systems is the natural choice for those whose profile does not include Mathematics or who expect their best results in other subjects.

General Studies is excluded.

International Baccalaureate:

36 points. 6 in Higher Level Mathematics (or 7 in Standard level Mathematics) is required for all programmes except for BSc Computer Information Systems.

### For more information

Contact the Admissions Office

Email: admissions@bath.ac.uk Tel: +44 (0)1225 383019



# **Mathematical Sciences**



Underlying all the physical sciences, social sciences and management, this programme's content proves indispensable in many disciplines.

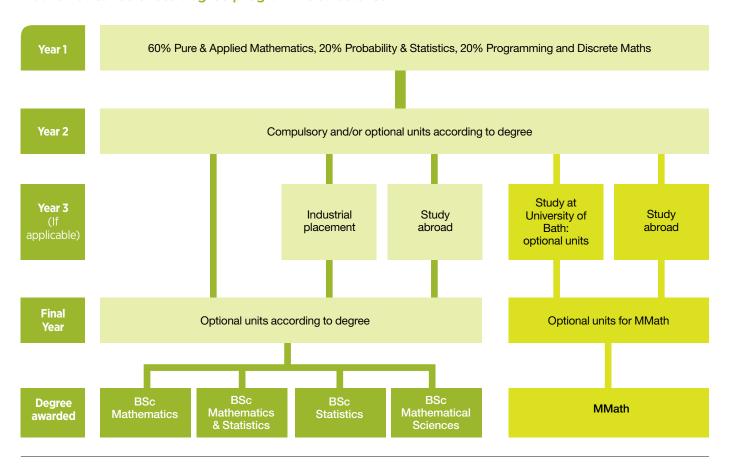
- An excellent record of graduate employment with a high proportion of graduates finding a suitable occupation within six months.
- The Department is rated consistently highly in the National Student Survey especially for teaching quality and overall student experience.
- A high degree of flexibility to change programmes after your first year.
- Our statistics modules give you the skills to become a practising statistician through a solid foundation in mathematics and computing skills.

The Department of Mathematical Sciences is a top rated department with a wide range of interests. These include many branches of pure and applied mathematics, numerical analysis, mathematical biology, probability theory, statistics and mathematical computing.

Flexibility is key to the courses offered, and all programmes contain a large amount of choice, whilst maintaining a coherent structure. Programmes have been designed with the following key aims in mind:

- to enable students to develop a broad and balanced foundation of knowledge, theoretical understanding and practical skills in mathematics, statistics and computing
- to enable students to apply their mathematical knowledge and skills to the solution of problems

#### Mathematical Sciences degree programme structures



## www.bath.ac.uk/maths-sci

- to offer students a flexible educational framework that enables them to specialise or maintain a broad course of study
- to produce graduates capable of pursuing a professional career or proceeding to further study or research.

## **Placements**

The University of Bath is well known for a long-established and successful history of placement provision. The professional skills the student gains from a placement are invaluable. All programmes are available with a study year abroad and all BSc degrees with a placement year.

Placements at overseas universities are subject to availability and students' academic progress. Students who take industrial placements are frequently offered jobs after graduation by their placement employers.

## **Career opportunities**

#### www.bath.ac.uk/careers/destinations

Good graduates in the mathematical sciences are highly employable. Their analytical outlook is valued in a wide range of professions including:

- financial services such as accountancy, banking, insurance and actuarial work
- information technology
- mathematical modelling, statistical analysis and operational research
- management and marketing
- further study (MSc & PhD)
- teaching (PGCE)

① I chose Bath because of its excellent reputation in Mathematics. When I arrived I was not disappointed and I had a choice among a wide range of interesting courses. Mostly, I was impressed by the personalised tutor system that not only offers support if you have problems but also if you are looking for an extra challenge. Bath is a great place to live in and the University provides a vast variety of non-academic activities. I joined the Latin and Ballroom dance club and went to university competitions all over the country. After really enjoying my degree, I decided to stay on for my PhD.

Marcel Ortgiese, MMath (Hons) graduate

A\*AA typical offer 270 places available 1540 applicants

Ranked 3rd in the Sunday Times University Guide 2013

**Top 5 Ranking** in the Complete University Guide 2012

#### **Programmes**

BSc (Hons) Mathematics

Three years G100
Four years with professional placement G101

**MMath (Hons) Mathematics** 

Four years G103

Four years with Study Year Abroad G104

**BSc (Hons) Mathematical Sciences** 

Three Years G140

Four years with professional placement G141

BSc (Hons) Statistics

Three Years G300

Four years with professional placement G301

**BSc (Hons) Mathematics and Statistics** 

Three years GG13

Four years with professional placement GG31

## **Typical offers**

A levels: A\*AA

**Double Maths:** For applicants taking both A-level Maths and Further Maths and STEP/AEA a typical offer is: Obtain grades A\* in Maths, A in Further Maths and B in one further A-level subject plus at least 2/Merit in one STEP/AEA Maths paper.

If STEP/AEA is not taken a typical offer is: Obtain grades A\* in A-level Maths, A in A-level Further Maths and A in one further A-level subject.

AS Further Maths: For applicants taking A-level Maths and AS Further Maths a typical offer is: Obtain grade A\* in A-level Maths, grades A A in two further A-level subjects and grade A in AS Further Maths plus at least 2/Merit in one STEP/AEA Maths paper.

Single Maths: A\* in A-level Maths with A's in each module, grades A\* and A in two further A- level subjects plus at least 2/Merit in one STEP/AEA Maths paper. There should be a second scientific or quantitative subject preferably physics.

International Baccalaureate: 39 points, including 6 in Higher Level Mathematics (HLM) OR 38 with at least 7 in HLM.

#### For more information

Tel: +44 (0)1225 383019

Contact the Admissions Office Email: admissions@bath.ac.uk



# **Natural Sciences**



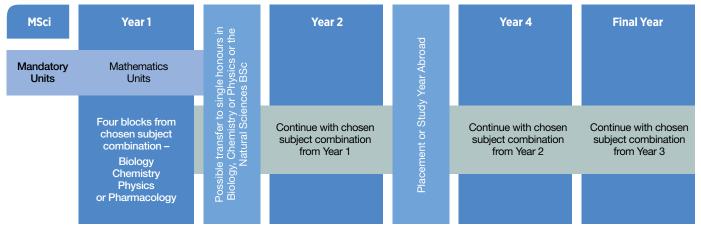
Science increasingly demands a multi-disciplinary approach; with three, four and five year programmes, you can shape your degree and level of specialisation according to your career aspirations.

- Offering a unique blend of subjects with a broadly-based first year and more specialisation later.
- The (optional) industrial placement enhances your employability and provides added value and experience in applying your academic knowledge in a real-world situation.
- Play to your strengths and interests in a core science and non-science subjects, such as management or education, which offer extra breadth.

### **Natural Sciences degree programme structures**

BSc	Year 1	ogy, s MSci	Year 2		Final Year
Mandatory Units	Mathematics Units	honours in Biology, Vatural Sciences MSci		Abroad	Project/Dissertation Unit
Major Subject	Biology, Chemistry, Physics	single honour	Biology, Chemistry, Physics,	Study Year	Biology, Chemistry, Physics,
Stream	or Pharmacology	or the Natural	Pharmacology or Environment		Pharmacology or Environment
Minor Subject	Biology, Chemistry, Physics,	Possible transfer to single	Biology, Chemistry, Physics,	Placement or Study Year Abroad	Biology, Chemistry, Physics,
Stream	Pharmacology or Environment	emistry or Physics or the I	Pharmacology or Environment		Pharmacology or Environment
Additional	Education, Languages,	Possible	Education, Languages,		Education, Languages,
Units	Management or Psychology	Chemistry	Management or Psychology		Management or Psychology

More information about subject combinations can be found in the Guide to Course Selection at www.bath.ac.uk/nat-sci/admissions



MSci students choose a subject combination to follow from Year 1. More information about subject combinations can be found in the Guide to Course Selection at www.bath.ac.uk/nat-sci/admissions

# www.bath.ac.uk/nat-sci

Great flexibility with the opportunity to transfer between degree programmes, including the potential to enter Year Two of selected single honours' science degrees.

The Natural Sciences BSc at the University of Bath allows students to combine subjects throughout the course in order to achieve the wide range of skills and intellectual experience that many employers desire in graduates. The core subjects of the degree are:

- Biology
- Chemistry
- Pharmacology
- Physics
- Mathematics (a supporting subject only).

For students desiring a broader range of choice, one subject from the following list can also be taken:

- Management
- Education
- Languages (either as part of the programme or as an additional unit)
- Psychology.

Natural Science programmes at Bath have been designed to provide conceptual and factual knowledge of core aspects of chosen sciences and guide students in ways of approaching and analysing scientific issues, so that they can reach appropriate conclusions. Our programmes enable graduates to pursue professional careers or proceed to further study.

To design your degree and see what subjects you can study:

www.bath.ac.uk/nat-sci/mycourse

#### The placement year

A distinctive feature of Natural Sciences at Bath is the industrial placement in the third year. The professional skills that you gain can be invaluable and there is a growing use of placements as a recruitment tool. Recent employers include: British Nuclear Fuels, Metropolitan Police, Rutherford Appleton Laboratory, Duke University (USA), GlaxoSmithKline (Italy), IBM, Solvias AG (Switzerland), and ICI Paints.

#### Career opportunities

#### www.bath.ac.uk/careers/destinations

The career opportunities for graduates with this broadly-based science degree are very wide, from scientific research to finance and fast-track medicine. A number of graduates each year go on to do further study, including research degrees, specialist Masters' programmes, and teacher training. Careers include:

- scientific research and development
- environmental consultancy and management
- scientific advisory services
- manufacturing industries
- management (including marketing and sales)
- purchasing and patenting

© I enjoyed all of my A level subjects so Natural Sciences at Bath was a perfect choice for me. A wide range of subjects is available and in addition to lectures, workshops and tutorials are run throughout the course. There is also the exciting opportunity to do an industrial placement, which makes you highly attractive to employers. The University of Bath provides a high standard of teaching from supportive staff and there is a great social scene with many extra-curricular activities to enjoy. I have had a very fulfilling four years studying Natural Sciences at Bath and highly recommend it. ②

Sarah Heasman, BSc (Hons) Natural Sciences graduate

A\*AA typical offer 90 places available 470 applicants

100% satisfaction rate in the 2012 National Student Survey

Only Top 10 university to offer a placement year (Sunday Times University Guide 2013)

#### **Programmes**

BSc (Hons) Natural Sciences Three years CFG0

BSc (Hons) Natural Sciences with professional placement Four years FCG0

BSc (Hons) Natural Sciences with Study Year Abroad Four years GCF0

MSci (Hons) Natural Sciences Four years GFC0

MSci (Hons) Natural Sciences with professional placement Four years GFCA

MSci (Hons) Natural Sciences with Study Year Abroad Four years GFCB

## **Typical offers**

For detailed and up-to-date information please check our web pages.

A levels: A\*AA

A minimum of two core sciences is required from Biology, Chemistry, Physics and Mathematics

GCSE or equivalent: Grade C in Mathematics and English language.

Students considering the MSci (hons) Programme should normally have a minimum of two core sciences at A2 (or equivalent) from Chemistry, Biology and Physics. For certain options (Physics included), Mathematics may be an additional requirement.

International Baccalaureate: 38 points overall, with scores of 7,6,6, at Higher Level, to include at least two core sciences (from Biology, Chemistry, Mathematics and Physics).

#### For more information

Contact the Admissions Office Email: admissions@bath.ac.uk Tel: +44 (0)1225 383019



# Pharmacy



Pharmacists are essential to healthcare in society; their knowledge ensures that health professionals use medicines to the maximum benefit in patient treatment and disease prevention.

- General Pharmaceutical Council accredited four year Master of Pharmacy (MPharm) degree.
- A variety of teaching methods and access to top class facilities to enhance your learning experience.
- A long history with the pharmaceutical industry provides our students with practical experience which improves employability.

The MPharm programme is delivered by teaching teams organised into four main subject areas – Pharmaceutical and Medicinal Chemistry, Pharmacology, Pharmaceutics and Pharmacy Practice. These areas form themes

## Pharmacy degree programme structures

	Preparing for Professional Practice	Molecular & Cell Biology	Medicinal Chemistry	Pharmacology	Pharmaceutics
Year 1	The Pharmacy Profession  Analytical & Learning Skills	Molecular & Cellular Biology	Medicinal Chemistry & Spectroscopy	Autonomic, Endocrine & Renal Systems	Biopharmaceutics & Introduction to Microbiology
Year 2	Pharmacy Practice	Cellular & Molecular Therapeutics	Natural products, Drug Metabolism & Pharmacokinetics	Cardiovascular & Central Nervous Systems	Medicines Design & Pharmaceutical Microbiology
Year 3	Pharmacy Practice	Clinical Pharmacy Practical Option	Chemical Biology & Drug Design  Dissertation	Infections & Immunity	Medicines Design
Final	Introduction to Pharmacist Prescribing		Masters	Project	
Year	& Advanced Clinical Pharmacy	Cancer	Option	Option	Option

# www.bath.ac.uk/pharmacy

that develop through the degree, equipping graduates for a breadth of careers.

The MPharm programme begins providing grounding in basic biology, chemistry and physical sciences. We offer additional classes in biology for those lacking a formal qualification in this area. Basic mathematics and statistics also form part of the first semester. You are also encouraged to undertake extra-curricular units. The second year contains units in chemistry, and introduces the science of Formulation and Medicines Design.

The third year allows you to follow your own preferences through unit options, one of which must be a practical lab-based unit. We have arranged the options teaching in Semester 2 to enable students to spend time studying at an approved academic institution, perhaps elsewhere in Europe or in the USA. In the final year further optional units are available. Your laboratory and data-handling skills will be put into practice in an extended research project.

### The placement year

We have a wide range of research links with other academic institutes for the overseas placement option including Europe, North America and Australia.

## Career opportunities

#### www.bath.ac.uk/careers/destinations

All pharmacy students wishing to register as a UK pharmacist will need to undertake a 'Pre-registration year' with the General Pharmaceutical Council (GPhC). The 'Preregistration year' is not part of your degree, however staff within the Department have experience in helping you make a choice of pre-registration training and will help with the application and interview preparation.

Each year we survey our graduates to find out what they do in their first year after leaving the University. Statistics online show 1st year graduates on their pre-registration study year only.

You might want to view:

www.prospects.ac.uk/what\_do\_ graduates\_do.htm to get detailed subject breakdowns of the national data on first degree graduates.

You can also see options with your subject on prospects.ac.uk, for information on what you can do with a degree in a particular subject.

Prospective international students may be interested in reading our International Graduate Case Studies, in which international graduates from Bath talk about their careers and their experiences of finding work, as well as reflecting on their study experience at Bath.

# **Programmes**

MPharm (Hons) Pharmacy Four years B230

**AAB** typical offer

125 places available

96% satisfaction rate in the

2012 National Student Survey

Ranked 2nd in the Sunday

Times University Guide 2013

1000 applicants

#### Typical offers

For detailed and up-to-date information please check our web pages.

#### A levels: AAB

A2 level Chemistry plus one other science or mathematics subject is essential. GCSE English and GCSE Mathematics at Grade C or equivalent is essential.

International Baccalaureate: 36 points. Higher Level 6 in three subjects to include chemistry and one other science/mathematics subject.

#### For more information

Contact the Admissions Office Email: admissions@bath.ac.uk Tel: +44 (0)1225 383019

O I chose Pharmacy because I wanted to do a science degree with good job prospects. Pharmacy allows you to study a variety of subject areas including microbiology, pharmacology, chemistry, law, ethics and professional practice but always with a vocational focus towards becoming a pharmacist.

The lecturers are all very passionate about their subject areas and it really shows in their teaching. The staff support was excellent and you could always go and ask for help and advice when you needed it. The material was varied, detailed and fascinating and always up to date with the latest developments in the real world. You get to experience a range of teaching from lectures, lab classes, simulated dispensing classes and clinical scenarios with actors and even an interactive mannequin patient (which was amazing!).

You also find in the real world that Bath graduates are really respected and that you are very well prepared for the pre-registration year in terms of both knowledge and experience. I would definitely recommend the pharmacy course at Bath! ••

Joe Tooley, MPharm (Hons) graduate



# Pharmacology



Explain how drugs affect the physiological systems, seek to develop more effective treatment for diseases and discover how chemicals may modify living systems.

- The Department is ranked highly and is well established amongst industry employers.
- A long history with the pharmaceutical industry provides our students with practical experience which improves employability.
- A variety of teaching methods and access to top class facilities to enhance your learning experience.

The programme aims to:

 Provide a deep-rooted knowledge of the fundamental principles of chemistry, biology and the physical sciences applicable to pharmacology

## Pharmacology degree programme structures

	Pharmacology	Molecular & Cell Biology	Medicinal Chemistry	Pharmaceutics	Study & Experimental Skills	
Year 1	Pharmacology (Including autonomic endocrine and renal systems)	Molecular Cell Biology	Medicinal Chemistry Spectroscopy	Biopharmaceutics & General Pharmacology	Learning & Study Skills Measurement in Pharmacology	
Year 2	Physiology, Pathology and Pharmacology (including cardiovascular and CNS)	Cellular & Molecular Therapeutics	Pharmacology of infection & immunity  Ethics & Experimental Pharmacology  Experimental Pharmacology			
Year 3			Industrial placement			
Year 4 Masters	Advanced topics, trends & technologies in Pharmacology	Molecular Applications in Pharmacology Recent advances in Drug Discovery		Masters Project		
	Options	Options	Options	Cognitive skills in Pharmacology	Communicative skills in Pharmacology	
Year 4 BSc with placement	Advanced topics, trends & technologies in Pharmacology	Molecular Applications in Pharmacology Recent advances in Drug Discovery		BSc Project		
Year 3 BSc without placement	Options	Options	Options	Dissertation	Critical & Communicative skills in Pharmacology	

# www.bath.ac.uk/pharmacy

- Develop an ability to apply these principles to specific problems in pharmacology
- Develop your hands-on practical lab skills
- Encourage acquisition of specific skills in experimental design, procedures and the analysis of experimental data
- Provide an understanding of the roles and responsibilities of the pharmacologist in the pharmaceutical industry and academia
- Promote development of personal and interpersonal communication skills and the ability to exploit modern information technology
- Develop the ability to work independently and in a group environment
- Foster and encourage a sense of curiosity and enquiry, and an enthusiasm for further knowledge.

## The placement year

Placements are a distinctive feature of the undergraduate programme at Bath which may be studied either as a three-year full-time or a four-year programme, in which the third year is spent out on industrial placement.

The placement year offers a period of invaluable experience in the pharmaceutical industry. During this year, students normally work in the Research & Development laboratories of a major company (e.g. GlaxoSmithKline) in the UK, USA or Europe.

As well as being part of a research team, each MPharmacol student undertakes their own project and also submits a dissertation and a series of essays during the year.

## **Career opportunities**

#### www.bath.ac.uk/careers/destinations

- In academia
  - Via a higher degree (MSc, PhD)
  - Leading on to postdoctoral research and Career Development Research Fellowship
  - To permanent university appointment
- Pharmaceutical Industry
  - Graduate or Doctoral entry
  - Research and development
  - Toxicology
  - Research related administration
- Other possibilities
  - Scientific publishing
  - Medical writing
  - Clinical trials organization

© I was attracted to study Pharmacology at the University of Bath due to the large amount of laboratory classes and practical work on offer. Over the four years, my skills have significantly widened and I have been exposed to the scope of pharmacology both academically and professionally. Given the relatively small number of students on the course, I was able to have a lot of contact time with the lecturers and researchers in the department.

The industrial placement was a real highlight for me. I spent a year working for Novartis at their Horsham site. I gained experience in the pharmaceutical industry while improving my practical and personal skills working alongside leading experts in a professional environment. At Novartis I relished the opportunity to be creative in the laboratory and my individual project was an invaluable experience in exploratory science.

I completed my degree with a sound understanding of fundamental Pharmacology as well as a critical insight into the hot topics in pharmacological research today. This will serve as an ideal platform for me as I begin my postgraduate studies. •

Sophie Archer MPharmacology (Hons) graduate

# **AAB-ABB** typical offer

20 places available

140 applicants

100% satisfaction rate in the 2012 National Student Survey

Ranked 2nd in the Sunday Times University Guide 2013

#### **Programmes**

BSc (Hons) Pharmacology Three years B210

MPharmacol (Hons) Pharmacology Four years with professional placement B213

## **Typical offers**

For detailed and up-to-date information please check our web pages

#### A levels: AAB-ABB

Chemistry is essential at A2 plus one other science or mathematics subject, we prefer the third A level

to be a traditional A level subject.

GCSE English and GCSE Mathematics at Grade C or equivalent are required.

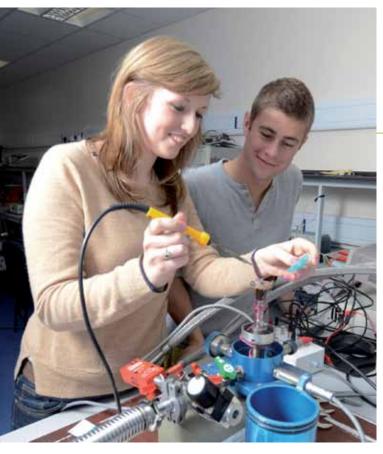
International Baccalaureate:
34-36 points. Higher Level 6 in three subjects to include chemistry and one other science/mathematics subject.

#### For more information

Contact the Admissions Office Email: admissions@bath.ac.uk Tel: +44 (0)1225 383019



# **Physics**



The study of matter, energy and the interactions between them, and the universal principles underlying all natural phenomena.

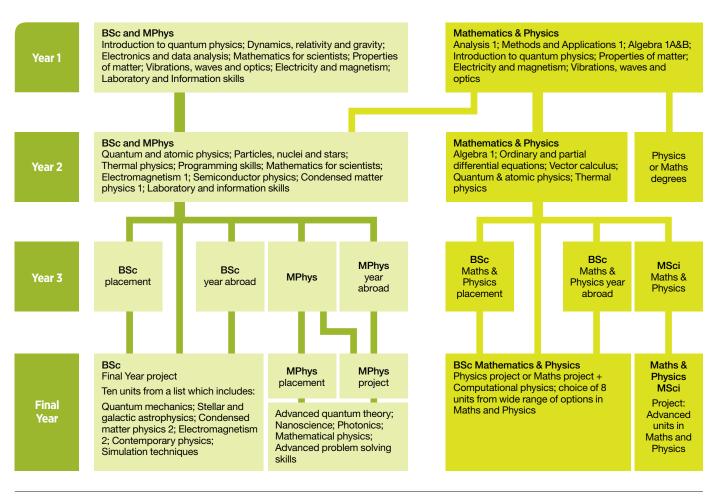
- Degrees with built-in flexibility allowing you to choose after your first year whether to do the MPhys or BSc, study year abroad or placement.
- A great reputation for finding excellent placements for our students which is why employers actively seek Bath graduates.

Physics addresses the material universe at its most fundamental levels. The laws revealed by careful study and experiment should apply from subatomic to cosmological scales. Studying Physics at Bath will not only teach you about the structure of physical law, but it will allow you to take part in its discovery. Along the way you will learn to 'think like a physicist', a hard-to-describe skill combining practised intuition, the scientific method, and a knack for approximation.

The aim of our Mathematics and Physics degrees is for students to understand the rigour and generality which form the foundations of a university education in mathematics, and at the same time comprehending the role of physics in providing a deep explanation of the universal principles underlying all natural phenomena.

The BSc in Physics with Computing provides a solid foundation in physics together with the opportunity to develop computing skills and simulation techniques. In the final year there is a computational project and the option to study computer science units such as Music and Digital Signal Processing and Computer Vision.

## Physics degree programme structures



# www.bath.ac.uk/physics

Physics graduates may be found in academic and industrial physics research positions as well as consulting, medicine, law, teaching, biotechnology, and engineering careers. The Physics Department has made a concerted effort to diversify the teaching it offers, allowing a greater variety of programmes that allow the acquisition of a wider range of skills. For example, there are opportunities to follow interest in Physics Education, Nanoscience, Photonics, and Management.

#### **Placements**

A large proportion of our students choose to go on placement, including many of our top students. The Department has long-standing links with many leading companies and organisations throughout Britain and Europe. Frequent placement hosts in the UK include: BAE Systems, MBDA, National Physical Laboratory, Rutherford Appleton Laboratories, Sharp Laboratories Europe.

Abroad, placements have included the Swiss Federal Institute for Snow and Avalanche Research, Davos, the Max Planck Institute for Solid State Physics in Stuttgart, ESRF and ILL in Grenoble, and Siemens in Munich. Students normally receive a salary while on placement; they may be given sponsorship by their employer in their final year, or may receive a job offer from the host company.

## **Career opportunities**

#### www.bath.ac.uk/careers/destinations

Physicists are in huge demand; careers that recent Bath Physics graduates have entered include: University Research, Research and Development, Design and Production, Medical Physics, Astronomy, Teaching Physics, Patent Law (UK and European), Geophysics, Meteorology, Computing (hardware and software), Accountancy, Banking, Financial Analysis, Science Journalism.

The Physics degree programme at Bath develops both theoretical knowledge and practical ability. This, combined with the general applicability of physics, allows its students to compete for top jobs in both research and industry in a broad range of fields. The Department also runs an excellent tutoring scheme in which students meet with a personal tutor who is a member of the academic staff on a weekly basis. As well as its strong academic side, the University of Bath offers a brilliant range of societies, including PhySoc, which recently organised a great trip to CERN in Switzerland. There are many activities to get involved in and social events to take advantage of the great student life that Bath has to offer. 

Anton Tcholakov, MPhys (Hons) Physics 2008-2012

**AAA** typical offer

90 places available

730 applicants

**93%** satisfaction rate in the 2012 National Student Survey

**Top 5 Ranking** in the UK for research output in the latest Research Assessment Exercise (RAE)

#### **Programmes**

**BSc (Hons) Physics** 

Three years F300

BSc (Hons) Physics

Four years with Year Abroad F307

**BSc (Hons) Physics** 

Four years with placement F301

**MPhys Physics** 

Four years F303

**MPhys Physics** 

Four years with Year Abroad F312

**MPhys Physics** 

Four years with research placement F313

**BSc (Hons) Physics with Computing** 

Three years F308

**BSc (Hons) Physics with Computing** 

Four years with placement OR Study Year Abroad F309

**BSc (Hons) Mathematics and Physics** 

Three years GF13

**BSc (Hons) Mathematics and Physics** 

Four years with placement OR Study Year Abroad FG31

**MSci Mathematics and Physics** 

Four years FG3C

#### **Typical offers**

For detailed and up-to-date information please check our web pages.

A levels: AAA

A in both Mathematics and Physics is essential. GCSE or equivalent: grade C in English language.

Alternatively, offers may include AS levels. In these cases, Mathematics and Physics at GCE A level (A2 level) are essential, and Further Mathematics is preferred as one of the two subjects at AS level.

International Baccalaureate:

36 points to include 6 in Higher Level Mathematics and Physics.

#### For more information

Contact the Admissions Office

Email: admissions@bath.ac.uk Tel: +44 (0)1225 383019



# Management



Our highly successful and popular programmes are designed to prepare you for a variety of business-related roles.

One of the oldest established business schools in the UK, the School of Management has a long tradition of excellence in teaching and research and an international reputation for the quality of its programmes.

Our academics produce world-class research and teach on our undergraduate degrees, meaning the content of our programmes always reflects up-to-date thinking. The School's innovative mix of theory and practice in its teaching are reflected each year in our high rankings.

Studying the field of Management involves learning about organisations and the people who work in them. It is both a theoretical and practical subject. There are subjects within our degrees that require creativity and literacy, and there are subjects that require numeracy and the ability to think logically. By taking a degree at the School of Management, you will demonstrate your capacity to use both sides of your brain.

Our degrees will give you access to the latest research into business and provide you with practical skills of the kind that are highly valued by employers.

All of our undergraduate programmes offer you the chance to work on placement in a real business environment, enabling you to put your knowledge into practice - a real advantage when entering the graduate job market.





## **Our programmes**

BSc Business Administration (p.71)

BSc Accounting and Finance (p.72)

BSc International Management and Modern Languages (p.73)

#### New for 2014 entry

BSc Management with Marketing Four years with placement NN25

BSc International Management Four years with placement NN12

BSc Management Three years N200

BSc Management Four years with placement N201

#### **BSc Management**

Our BSc Management provides you with a solid foundation in the key business disciplines. It enables you to develop advanced knowledge and skills in a range of business functions while setting them within the wider context of current business practice. Available to study as either a three or four-year programme with a placement in Year Three.

#### BSc Management with Marketing

Interested in a career in marketing? The BSc Management with Marketing will expose you to the key business functions whilst developing your knowledge and skills in marketing. This four-year programme has a work placement in Year Three enabling you to apply your marketing knowledge in a practical work environment.

#### **BSc International Management**

If you're keen to understand the key business functions whilst extending your knowledge on how they operate in a global business context, the BSc International Management could be for you. With no language skills required, this four-year programme will provide you with a deep understanding of global business practices in the 21st century. During Year Three you will go overseas either on work placement or academic exchange at one of our partner institutions.

More information on our website: www.bath.ac.uk/management

These programmes are subject to final University approval.

#### Typical offers

A levels: AAA

International Baccalaureate: 38 points

60 places available across all three programmes

#### www.bathbba.com

#### BSc Business Administration (BBA) degree programme structure

Year 1	Students take introductory units in the core subjects relevant for business studies, including: Accounting, Business Economics, Business Statistics, Corporate Finance, Corporate Social Responsibility, Organisational Behaviour and Business Law.						
Year 2	Placement 1	Research Project Choose four units from a wide selection of subjects.					
Year 3	Action Project  Before your second placement, you also take four units from a selection.  These include more advanced studies in existing subjects and/or new subjects.	Placement 2					
Year 4	Choose eight units across both semesters from a diverse range of subject areas.  Final Year Project.  Option to spend Semester 1 of Year 4 on Academic Exchange (subject to successful application).						

#### Placements and international exchange

The BSc in Business Administration at Bath is distinct from many others in the field, offering two six-month placements in different organisations rather than a whole year in one company. These are real jobs, usually paid, forming an integrated part of the degree and they provide a distinct advantage in the graduate job market. We have a dedicated Placements Team who liaise with employers, arrange interviews and can help you prepare for the application and selection process. You will also have the opportunity to study abroad at one of our international partner business schools for the first semester of your final year.

#### Career opportunities

Ranked 1st for graduate jobs, our BBA graduates have an excellent record of success. Many take employment with one of the major graduate recruiting companies, often as a result of a successful work placement. 96% of our BBA students are employed in a professional or managerial role within six months and the average salary is £28,500 six months after graduating. (Unistats, 2012)

Our graduates find employment with a wide range of companies including:

Accenture, Andersen, AT&T, BAA plc, Bain & Co, Barclays Bank, BP, British Airways, British Energy, British Steel, British Sugar, British Telecom, Cazenove, Citibank, Deloitte, Deutsche Bank, Dresdner Kleinwort Benson, Ernst & Young, Ford Motor Company, Gartner Group, General Electric, GlaxoSmithKline, HSBC, ICL, JP Morgan, KPMG, Lloyds TSB, Marks & Spencer, Mars, Morgan Stanley, Motorola, Nestlé, Novell, PA Consulting, PricewaterhouseCoopers, Procter & Gamble, Rover Ltd, Saatchi & Saatchi, Seagram, Siemens, Sony, TeachFirst, Total Gas Marketing, Unilever Group, WH Smith.

**AAA** typical offer 150 places available 1020 applicants

**Number 1** for Business in the Sunday Times University Guide 2013

Number 1 for graduate employment in the Sunday Times University Guide 2013

#### **Programme**

**BSc (Hons) Business Administration** Four years with two six-month placements N100

#### Typical offers

For detailed and up-to-date information please check our web pages.

#### A levels: AAA

Grade B in GCSE Maths and English required. Please see the web for preferred subject combinations.

International Baccalaureate: 38 points. No subject below 5 points, including English and Maths. Subjects and grades may be specified in the offer.

#### For more information

Course content and campus visits Email: bbaadmin@ management.bath.ac.uk

Admissions information Email: admissions@bath.ac.uk Tel: **+44 (0)1225 383019** 

> Check our study web pages before you apply:

www.bath.ac.uk/study/ug

© I was attracted by the flexibility of the BBA course, offering two 6-month placements rather than a year. This will give me the opportunity to gain different experiences, as well as some variety in my studies. The breadth of the course also interested me, giving a broader knowledge of business in the first year, with the chance to specialise in areas such as marketing in the following years.

I got my work placement through the Placements Office, who supported me through the whole process. I am currently working for Zurich in the Proposition Communications department. I have a very supportive manager who has encouraged me to spend time in other areas of the business, so I've had a very good insight into Zurich as a whole. I think that this placement at Zurich, along with my second placement in the third year, will help me to develop and decide on my future career path.

Charlotte Durrant, BSc (Hons) Business Administration 2009-2013, on placement at Zurich



### **AAA** typical offer 70 places available 1230 applicants

Number 1 for Accounting and Finance in The Times Good **University Guide 2013** 

100% satisfaction rate in the 2012 National Student Survey (4 Year programme)

#### **Programme**

**BSc (Hons) Accounting and Finance** Three years NN34

**BSc (Hons) Accounting and Finance** Four years with placement NN43

#### Typical offers

For detailed and up-to-date information please check our web pages.

Academic requirements: At A level a grade A in A2 Mathematics is essential.

International Baccalaureate: 38 points (including bonus points), HL Mathematics preferred, with 6 points in HL Mathematics or 7 in SL Mathematics.

#### For more information

Course content and campus visits Email: bafadmin@management.co.uk

Admissions information Email: admissions@bath.ac.uk Tel: **+44 (0)1225 383019** 

Check our study web pages before you apply:

www.bath.ac.uk/study/ug

#### BSc Accounting and Finance (BAF) degree programme structure

Mathematics, Introduction to Statistics, Introductory Microeconomics. Introduction to Business Accounting, Introductory Macroeconomics. Business Computing, Corporate Finance and Investment Appraisal, Accounting and Organisations.

Year 1

Semi-optional units in Semester 1: Introduction to Business Law and Effective Writing for Native Speakers of English or Law in Context and English for Business. Semi-optional units in Semester 2: Introduction to Business Law and Financial Markets Context-International or English for Business and Law in Context.

Year 2

Intermediate Macroeconomics, Organisational Behaviour, Management Accounting, Principles of Finance, Business Forecasting, Intermediate Microeconomics, Financial Accounting and Reporting, Advanced Corporate Finance, Empirical Research Methods in Finance, Accounting Information Systems and a selection of other subjects.

Year 3

**Optional Placement Year** 

Year 4

Option to apply to spend Semester 1 on Academic Exchange.

Treasury Management, Advanced Financial Accounting, Advanced Management Accounting, Investment Banking, Risk Management and Internal Control, Financial Markets - Equity and six units over both semesters from a selection of subjects.

#### Placements and international exchange

The four-year version of our BSc in Accounting and Finance offers one full 12-month work placement, allowing you to apply and develop the skills and knowledge you have gained in a practical business environment. The placement takes place in Year Three.

The average salary of a BAF intern in 2012 was £22,000 and the highest salary paid in 2012 was £36,000.

We have a dedicated Placements Team who liaise with employers, arrange interviews and can help you prepare for the application and selection process. You will also have the opportunity to study abroad at one of our

international partner business schools for the first semester of your final year.

#### Career opportunities

The most recent graduate destination statistics reveal that 100% of our BAF graduates (4 year programme) are employed in a professional or managerial job within six months of graduating. (Unistats, 2012)

Some of the organisations who have recruited BAF graduates include: Airbus, Baker Tilly, BNP Paribas, Citigroup, Deloitte, Deutsche Bank, Ernst & Young, Fidelity, Goldman Sachs, HSBC, Intel, KPMG, Mercer (HK) Ltd, Morgan Stanley, Motorola, PricewaterhouseCoopers, RBC Capital Markets, RBS, Rothschild, Shell.



**©** The course structure allows flexibility and lets you choose specific areas to study. The lecturers always focus on recent news stories and events, which lets you apply financial and business theory to the real world. Also, Bath has excellent corporate relations giving you a huge breadth of career choice.

I completed a placement at Intel. Bath's career development department helped me through my application to Intel, giving me personal advice on CV content and interview technique. Intel has a large student community and I had an amazing year; I learnt a lot about myself, the workplace, and applied many skills I gained during my first two years

In October I started a graduate role at KPMG in the Transactions and Restructuring Department. In five years' time I'll hopefully be a qualified accountant, giving me a lot of flexibility with regards to job opportunities. ••

Joanna Smith, BSc (Hons) Accounting and Finance graduate

#### www.bathimml.com

#### **BSc International Management and Modern Languages (IMML)** degree programme structure

Core Management: Quantitative Methods and Data Analysis, Business Economics, The UK Macroeconomic Environment, Introduction to Business Accounting

The Economic and Industrial Environment (France/Germany/Spain), The National Business Environment of the UK - Legal Aspects, The Legal Environment (France/ Germany/Spain)

Core Language:

Written and Spoken Language (French/German/Spanish), Politics and Society (French/German/Spanish)

Year 2

Year 1

Core Management:

People and Organisations, Principles of Marketing, Financial Management and Reporting, Performance - European Perspectives

Choose one unit from a selection:

Company Law, IT & its Business Context, Market Analysis, Operations Management, Financial Accounting and Auditing, Advanced Corporate Finance, Human Resource Management, Power, Politics and Resistance at Work, The Evolution of the Modern Corporation, Organisational Design, Performance and Change, Tax and Tax Planning, Corporate Responsibility: Principles and Perspectives

Comparative Employee Relations (France/Germany/Spain), The European Business Environment: European Integration and Legal Structure, Perspectives on Europe (France/Germany/Spain)

Core Language:

Written and Oral Communication in the Business Context (French/German/Spanish)

Year 3

Choice from three options:

- One-year work placement in a French-, German- or Spanish-speaking country;
- One academic year in a French, Canadian, German, Spanish or Latin American business school:
- 3 Combination of study at business school and work placement.

Year 4

Core Management:

Four options from a wide range of subjects

The Internationalisation of Business, France/Germany/Spain in the Global Economy, International Marketing

Written and Oral Communication in the International Business Context (French/ German/Spanish), National options (French/German/Spanish)

#### The year abroad

The year abroad is a demanding and challenging experience. As well as building your language fluency, you will be able to put management theory into practice and learn about a different country and its culture. There are three options available in the third year:

- A work placement in an organisation of nine months or longer
- A full academic year in one of our international partner business schools
- A semester at a partner business school and a work placement of four-six months.

#### Career opportunities

As an IMML graduate, you will enjoy a distinct advantage in the marketplace thanks to the range of skills you will hold and the

commercial credibility you will have gained during your year abroad. Statistics show that over 90% of IMML graduates are employed in a professional or managerial job six months after graduating. (Unistats, 2012)

The IMML degree is held in high regard by many of the top graduate employers. Consequently our graduates enter a wide variety of professions including: business and financial analysis, marketing, management consulting, retail and human resources.

Organisations who have recently recruited IMML graduates include: Accenture, Amadeus, Barclays Bank, BP, British Council, BT, Danone, Deloitte & Touche, Deutsche Bank, Ernst & Young, Goldman Sachs, Google, HSBC, IBM, Lloyds TSB, L'Oréal, Lufthansa Cargo, Mercedes UK, Morgan Stanley, Royal Bank of Canada, Santander, Zurich.

### AAA-AAB typical offer

40 places available

30 places available Spanish

**20** places available

390 applicants (in total)

Number 1 for graduate employment in the Sunday Times University Guide 2013

Over 95% satisfaction rate in the 2012 National Student Survey

#### **Programme**

**BSc (Hons) International Management** and Modern Languages

IMML French four years NR21 IMML German four years NR22 IMML Spanish four years NR24

Offered jointly with the Department of Politics, Languages & International Studies

#### **Typical offers**

For detailed and up-to-date information please check our web pages.

A levels:

**AAB** for French

AAB for German (in exceptional circumstances ABB)

**AAA** for Spanish

Grade A at A2 in the target language required.

International Baccalaureate:

French: 35 points German: 35 points (in exceptional circumstances 33 points)

Spanish: 37 points

With 6 in Higher Level relevant language and 5 in Mathematics Higher Level, Standard Level or Studies.

#### For more information

Course content and campus visits Email: mgt-imml@bath.ac.uk

Admissions information Email: admissions@bath.ac.uk Tel: +44 (0)1225 383019



Check our study web pages before you apply: www.bath.ac.uk/study/ug

### Sport and Social Sciences



Graduates with a critical appreciation of sport and physical activity are in great demand for a variety of careers in the sports industry.

- You will critically examine the structure of sport, health and physical activity within contemporary society.
- Includes an optional professional placement, where you gain valuable work experience giving you a competitive edge in the employment market.
- Ideal preparation for a variety of graduate level careers, including teaching, sports development, sports policy, sports management and marketing, coaching, other sport, health and exercise related professions, and related postgraduate studies.

#### BA (Hons) Sport and Social Sciences degree programme structure

Contemporary issues in research

Applied pedagogy & practice: coaching

Advanced issues in physical activity, health & the body

Advanced issues in sport management & development

Applied pedagogy & practice: physical education

Choose one option from four:

**Final** 

Year

	Semester 1	Semester 2
Year 1	A critical introduction to sport and the social sciences Continuing professional development Historical & contemporary issues in sport, physical activity & the body Introduction to sports pedagogy Research design for the social sciences	Ethics, sport & the body Introduction to sports development, policy & management Introduction to sport & exercise psychology The politics of sport PE & the National Curriculum
Year 2	Doing social science research Professional practice I  Choose three options from six: Culture, media & sport Education in society Sociology of sport, health & the body Sports policy & international development Director of Studies approved unit	Reading & writing sport critically Professional practice II  Choose three options from six: Applied sport & exercise psychology Educational psychology for sport & physical activity Pedagogical approaches for sport, youth & physical activity Motivation & cognition Sport & culture in the global marketplace Sport, promotional culture & tourism Director of Studies approved unit
Year 3	Optional Profess	sional Placement

Dissertation research

Advanced seminar in sport, health & the social sciences

Filmic representations of the sporting popular

### www.bath.ac.uk/education

This degree is designed for those who wish to examine the structure of sport, health and physical activity within contemporary society. You will reflect on the relationships between the body, sport, health and society.

Utilising a broad and interdisciplinary range of social science approaches (from sociology, education, politics, health, international development, psychology and management/policy) you will develop theoretical understanding as well as the investigative and analytical skills needed to carry out effective research.

By studying this programme you will:

- gain an understanding of the place of sport, health and physical activity within contemporary society
- engage with a strong and diverse team of internationally renowned academics and practitioners
- have the opportunity to utilise the worldclass sporting facilities on campus
- complete an (optional) professional placement; gaining valuable work experience and a competitive edge in the graduate employment market
- be prepared for a variety of graduate level careers, and be in a position to apply for related postgraduate opportunities.

#### **Placements**

#### www.bath.ac.uk/hss-placements

In your third year, you will have the opportunity to take a placement year. Placements are available in all aspects of the sports industry, coaching and teaching. They provide valuable

practical experience on which you can draw when resuming your studies in the final year. Many placements are offered overseas.

We have established links with major industry partners across a variety of employment pathways. Recent placements have been in:

- schools
- sports clubs
- government organisations
- National Sporting Organisations (such as the British Olympic Association)
- sports marketing
- management companies (such as LOCOG and Octagon)
- sport management positions (at professional sports clubs).

#### **Career opportunities**

#### www.bath.ac.uk/careers/destinations

The majority of our graduates from the BA (Hons) Sport and Social Sciences programme choose careers in one of the programme's main emphases: sports management and policy; sports coaching and development; physical education teaching; or, the health, physical activity and fitness industries.

Several choose to study at Masters or PhD level on programmes such as Sport Management, Sociology of Sport, or Sports Coaching.

A smaller proportion of our graduates choose to continue with high performance sport and commence full-time training and competition after completion of their degree.

<sup>™</sup> When I was looking for a university with the right combination of sporting excellence and achievement in the academic arena, I thought the University of Bath and the Sport and Social Sciences degree ticked all the boxes. I wasn't wrong! World class facilities and top class teaching have combined to provide a stimulating and truly life enhancing university experience.

The BA (Hons) Sport and Social Sciences programme is flexible and caters to the needs of the individual learner. The programme not only delivers the very best in sporting education from renowned researchers and scholars, but has also prepared me for working life, developed my independence and provided countless opportunities to take part in the varying and widespread sporting events hosted by the University. 

Ashley Quinlan, BA (Hons) Sport and Social Sciences graduate

AAB typical offer 80 places available 390 applicants

91% satisfaction rate in the 2012 National Student Survey

Outstanding Sports Facilities in the Sunday Times University Guide 2012

#### **Programmes**

BA (Hons) Sport and Social Sciences Three years CX63

BA (Hons) Sport and Social Sciences Four years with placement CX6H

#### Typical offers

For detailed and up-to-date information please check our web pages.

A levels: AAB (or equivalent)

In addition to the above, we would normally look for five grade A\* - C passes at GCSE (or equivalent Level 2 qualification), including English & Maths. General Studies is excluded.

International Baccalaureate: 35+ points

#### BTEC:

Extended Diploma in a related discipline with a Distinction profile (DDD).

Access to HE Diploma:

Pass the Access to HE Diploma, with at least 39 credits achieved from units awarded at Merit or Distinction, including at least 33 credits achieved from units awarded at Distinction.

Applicants must also achieve GCSE equivalence in English and maths, if equivalent qualifications have not already been achieved.

Applicants will be expected to demonstrate a high academic standard and may be invited to submit an additional piece of writing for consideration by the Admissions Tutor.

#### For more information

Contact the Admissions Office Email: admissions@bath.ac.uk Tel: +44 (0)1225 383019



### Sport and Exercise Science



Compulsory units:

Research project

Optional units from:

Sport biomechanics

Final

Year

Contemporary research issues

Applying psychology to physical activity & health

Environmental physiology, metabolism & nutrition

Drawing on the three parent disciplines of biomechanics, physiology and psychology to understand how humans function in sport, physical activity and health settings.

- The combination of rigorous training in science with application to sports performance and exercise participation ensures that you develop a wide-ranging skill set in preparation for a variety of graduate level careers.
- The Department has close links with sports governing bodies and health and exercise professions which results in great placement and study abroad opportunities.
- Flexibility in our curriculum which covers contemporary issues within the fields of sport, exercise and health.

The Sport and Exercise Science degree programme is ideal for those seeking to combine a strongly scientific approach with the study of sport performance and exercise participation. This degree at Bath has been consistently among the top-rated sport-related courses in the UK.

Students on our course develop an extensive set of skills. This equips graduates with attributes attractive to a wide range of employers in industry, professional sport, health and education.

#### **Placements**

#### www.bath.ac.uk/hss-placements

Compulsory units:

Research project

Interdisciplinary study

Optional units from:

Integrative exercise physiology

Theoretical biomechanics

Psychology of elite sports performance

Physical activity & health across the human lifespan

- Outstanding opportunities to gain 'real life' work experience
- Numerous high-profile organisations around the world

#### BSc (Hons) Sport & Exercise Science degree programme structure

#### Compulsory units: Compulsory units: Biochemistry Functional anatomy Introduction to human biomechanics Introduction to study skills & research methods Physiology for sport & exercise science Introduction to sport & exercise psychology Sports performance 1 Physiology for sport & exercise science Year 1 Optional units: Optional units: Business information systems Introduction to business accounting Foundation mathematics Languages Languages Marketing Managing human resources Sports performance 2 Organisational behaviour Compulsory units: Compulsory units: Applied sport biomechanics Applied sport biomechanics Developing study skills & research methods Developing study skills & research methods Year 2 Introduction to sport medicine Performance assessment Physiology of sports performance Physiology of fitness & health Psychological dynamics of sport Psychology of exercise & health For those on sandwich option Year 3 Choice of: Professional placement, Study abroad, Combined placement/study abroad

### www.bath.ac.uk/health

Placements can be professional placement or study abroad or a combination of the two.

Bath offers the only UK Sport and Exercise Science programme with a years' professional placement. The placement year is valued highly by our students not only for improving their skills and providing an insight into areas of work that they may wish to take in future, but it allows them to leave university with a strong CV that helps to set them apart from other graduates entering the job market.

Recent placements include: USA Ski/Snowboard; Auckland Blues RFC; Australian Institute of Sport; Olympic Medical Institute, London; QinetiQ, Farnborough; Human Performance Laboratory; University of Calgary; University of Western Australia.

Study abroad opportunities include: University of Saskatchewan, Canada; Southern Cross University, Australia.

#### **Career opportunities**

#### www.bath.ac.uk/careers/destinations

A degree in Sport and Exercise Science will set you on the right track for many career options such as:

- Sport Science Support (e.g. EIS, UK Sport, Professional Clubs)
- Strength & Conditioning
- NHS exercise prescription
- Youth Sport
- Academic research
- Teaching
- General graduate employment.

#### New for 2014 entry

MSci Sport and Exercise Science

Our 4-year undergraduate masters (MSci) degree programme will provide you with an opportunity to deepen and advance your sport and exercise knowledge, and gain a masters level qualification from a high-ranking university putting you ahead of other graduates in the competitive jobs market. Bath is the first university in England and Wales to offer such a qualification.

Please note this programme is subject to final University approval.

#### **Typical offer**

A levels: AAA

93 places available across all programmes

- **™** The first two years on the course enabled me to study a variety of scientific disciplines. The lecture content was broad and we were able to relate our learning to both elite sports and recreational exercise, which meant the topics are of interest to all participants. It is hard work, but this has its rewards with a real feeling of achievement on completion and attaining good grades. **™**
- **③** I feel that the placement year really assisted me, not only in my studies but in my development as a person. It encouraged me to become a lot more disciplined and to work to high standards. My dissertation is a physiology project so I've been able to put into practice the lab skills that I've learnt over the past three years. **④**

BSc (Hons) Sport and Exercise Science students

### **AAA** typical offer

93 places available

680 applicants

Ranked 6th in the Complete University Guide 2013

Ranked 5th for research quality in the Complete University Guide 2013

#### **Programmes**

BSc (Hons) Sport and Exercise Science Three years BC17

BSc (Hons) Sport and Exercise Science
Four years with professional placement BCC7

MSci (Hons) Sport and Exercise Science Four years C605

MSci (Hons) Sport and Exercise Science Five years with professional placement C604

#### Typical offers

For detailed and up-to-date information please check our web pages.

#### A levels: AAA

A-levels (A2) must include at least one basic science subject (Mathematics, Physics, Chemistry, Biology or Human Biology). Psychology can also be accepted if combined with a sports-related A Level (eg PE or Sport Studies). General Studies is excluded.

Grade B in Maths, English Language and at least one Science subject at GCSE is essential.

#### International Baccalaureate:

 $36\ points$  to include at least one science subjects at HL Grade 6.

#### BTEC:

Extended Diploma, D\*DD. A full distinction profile with Distinctions in all 18 units in a science-related discipline.

#### Access to HE Diploma:

Pass an Access to HE Diploma in Science and obtain grades of Distinction in scientific and/or Maths units which have a total value of at least 12 credits and Merit in units which have a total value of at least 21 credits.

Level 2 units must include Passes in Maths and English. Applicants may be invited to attend an interview.

#### For more information

Contact the Admissions Office

Email: admissions@bath.ac.uk Tel: +44 (0)1225 383019

### **Sports Performance**



Sport is a field that continues to evolve in the UK from an academic, coaching, teaching and performance perspective.

- Critically examines the sub-disciplines of sports performance whilst enabling you to develop your own athletic expertise.
- The opportunity to progress to our one year BSc Honours in Sport (Sport Performance) (Work-based Learning) which builds on the expertise acquired from earlier study.
- A programme of study that is work-based and aims to prepare you for a wide range of sport related careers.
- Sports facilities and services that are among the best in the world, in keeping with our international reputation as an academic institute, noted for its research, teaching and applied learning.

#### Two Year Foundation Degree in Sport (Sports Performance) programme structure

#### Semester '

Research methods for sports performance Introduction to sports performance Introduction to sports coaching Human structure & function

Year 2

Year 1

Contemporary issues in sports performance Planning for the athlete in context Sport & exercise psychology Work based learning 2

#### Semester 2

Research methods for sports performance Sports development Nutrition for sports performance Strength & conditioning Work based learning 1

Performance analysis
Talent identification: principles & practice

Work based learning 2

### Opportunity for progression to: One Year BSc Honours in Sport (Sport Performance) (Work-based Learning)

One Year Research methods
Managing the performance athlete 1
Dissertation

Plus one optional unit selected from: Sports policy 1: philosophy & practice Coaching & pedagogy 1: advanced coaching concepts Sports physiology 1: Training practice Managing the performance athlete 2
Dissertation

Sports performance research seminar

Plus one optional unit selected from: Sports policy 2: managing sport in the global environment Coaching & pedagogy 2: practical sports coaching Sports physiology 2: contemporary issues in specific populations

### www.bath.ac.uk/education

The 2 year Foundation Degree enables students to integrate sports training and academic study. Programme units allow students to develop skills and knowledge in several areas relevant to training and competition, from their own physical conditioning to performance analysis. The programme is designed to appeal to those students performing at a very high standard in their chosen sport.

On completion of the Foundation Degree at the required academic standard, there is an opportunity to progress to the one year BSc (Hons) in Sport (Sport Performance) (Work Based Learning). This builds on the expertise acquired from earlier study and further develops the critical, analytical and reflective approach valued by employers. This programme is designed to appeal to those students who have shown strong academic performance in their previous studies.

#### **Placements**

#### www.bath.ac.uk/hss-placements

It is expected that students will be in full time training (or equivalent to) or have access to professional experiences in a relevant setting. Access to such arrangements is required for successful completion of the work-based assignments within the programme.

#### Career opportunities

During the programme, it is likely that you will have the opportunity to attend talks from individuals from a variety of professions, including Sports Development, Sports Coaching, and full time athletes. This qualification may benefit you in a wide range of sport-related careers, for a variety of companies or organisations. Throughout your course you will gain an awareness of several organisations that may be of interest to you both during and after your programme.

**©** The FdSc in Sports Performance is a great course for anyone who wishes to continue and develop as an athlete while also getting a first class education. By relating my academic studies to my athletic performance, I was able to recognise the steps I needed to take to become a better athlete while also developing my academic skills. Since moving on to a Masters degree, I feel confident that using and applying the techniques and skills I have learnt while on the Sports Performance programme, that I am prepared for any challenge thrown my way. **②** 

Greg Lake, FD/BSc (Hons) Sports Performance graduate

**™** My experiences on the BSc Sports Performance course have allowed me to fulfill my ambitions of studying at a postgraduate level. The course gave me the opportunity to develop my subject knowledge within sport and the branches that surround elite sport. The subjects studied at undergraduate level has given me a solid foundation on which to build my postgraduate knowledge. I am currently working for Leeds Carnegie Rugby on a nutrition internship, which without a high class honours degree from Bath would not have been possible. I feel that the topics covered during the top-up year enabled me to confidently study an MSc in Sport and Exercise Nutrition, as the top up year subjects were relevant and up to date with current research and sporting demands. **②** 

Serita Shone, FD/BSc (Hons) Sports Performance graduate

CCC typical offer 56 places available 290 applicants

Outstanding Sports Facilities in the Sunday Times University Guide 2013

The Official English Institute for Sport

for the South West

#### **Foundation Degree**

FdSc in Sport (Sport Performance) 2 years C601

#### **Typical offers**

A levels: CCC

Applicants will be expected to have obtained at least 4 GCSE passes (at grade C or above), including English.

Applications are welcomed from

- with a Level 3 course such as a National Award/Certificate/Diploma, Advanced Diploma, GCE A level, Access to Higher Education Course, or a work-based course such as NVQ 3 or Advanced Apprenticeship
- without formal qualifications but who have a minimum of two years' relevant work experience and are able to demonstrate that they have developed the necessary skills to succeed on the course.

Differentiated offers may be made based on academic and sporting achievements.

All applicants will normally also require at least 4 GCSE passes (at grade C or above), including English or their level 2 equivalents.

Applications may be subject to completion of a successful interview.

International Baccalaureate: 28 points BTEC: MMM

#### For more information

Contact the Admissions Office Email: admissions@bath.ac.uk Tel: +44 (0)1225 383019



### Foundation Degrees

#### What are Foundation Degrees?

Foundation Degrees are Level 5, intermediate Higher Education qualifications, equivalent to Higher National Diplomas (HNDs), Diplomas of Higher Education or the first two years of a full-time Honours Degree.

Offered on a full-time (2 year) or part-time (3-4 years) basis, they integrate both academic and work-based learning and are designed to equip students with the skills and knowledge for employment.

## Who can study for a Foundation Degree?

A Foundation Degree may be suitable if you are:

- a school or college leaver looking for a work-related qualification to launch your career
- employed and want to progress in your line of work
- employed but want to change career
- not currently in employment and seeking a way into work with prospects.

#### **Foundation Degrees and Bath**

The University of Bath has a partnership with Action on Addiction to offer the Foundation Degree in Addictions Counselling.

www.actiononaddiction.org.uk Email: training@actiononaddiction.org.uk Tel: 01985 843780

For information on other Foundation Degree options please see

www.bath.ac.uk/foundation-degrees

### **International Foundation Year**



The International Foundation Year (IFY) is a one year course that prepares students for entry onto their chosen University of Bath degree.\* Students achieving the necessary grades will be guaranteed automatic entry into Year 1 of their degree if progression requirements are met.

The University of Bath has accredited three UK colleges to run the IFY. Each has been chosen for their excellent teaching and support for international students.

You can choose to take your Foundation Year at either:

City of Bath College (Bath) Chichester College (Sussex) Wiltshire College (Salisbury)

For information on progression grades and a full list of University of Bath degrees available to International Foundation Year students, please visit www.bathfoundationyear.com

#### **Entry requirements**

You must be a student from outside the EU. You must have a high standard of qualification in your Year 12 high school leaving certificate and the required standard of English language (see below).

English Language Qualifications
For students whose first language is not
English, we require:

- a minimum IELTS (or recognised equivalent) score of 6.0 with a minimum of 5.5 in each component for School of Management degrees and 5.5 with a minimum of 5.0 in each component for other pathways.
- or a TOEFL score of 520 (190 computer test, 68 internet-based) or a Cambridge ESOL (First Certificate pass at A).

Please note that these are minimum requirements.

www.bathfoundationyear.com

All students must be able to meet the required standards of English for visa regulations. Students with an IELTS score of 5.0 will be considered for the programme if their school certificate results are good. They will need to attend an intensive five week English programme immediately preceding the start of the Foundation Programme. Attendance on the additional English programme is not a requirement for international students with more advanced language qualifications, although they are welcome to attend.

All students on the programme will be required to study the English for Academic Purposes unit as their minor subject choice, except where they already meet the English language entry requirements for their chosen Bath target degree. Those qualifications must still be valid when they progress onto that degree.

To check your potential start date or for upto-date entry requirement information visit www.bathfoundationyear.com

#### How to apply

Please do not apply through UCAS. To apply, or for more information, please contact:

The International Office City of Bath College Avon Street Bath BA1 1UP

Web: www.bathfoundationyear.com Email: intstudents@citybathcoll.ac.uk Tel: +44 (0)1225 328724 International fax: +44 (0)1225 328758 Minicom: +44 (0)1225 328842

\* A small number of Bath degrees (such as BSc Architecture) are not available to IFY students. Please check with City of Bath College for details.

# **Location Maps**

#### **Travel to the University**

#### By car

#### From the north

M5 south to Bristol, M4 east to Junction 18 and A46 to Bath.

#### From the south-west

M5 north to Bristol, M4 east to Junction 18 and A46 to Bath.

#### From Wales

M4 east to Junction 18 and A46 to Bath.

#### From Londor

 $\,$  M4 west to Junction 18 and A46 to Bath. In Bath follow signs for The American Museum and University.

Postcode for sat nav: BA2 7AY

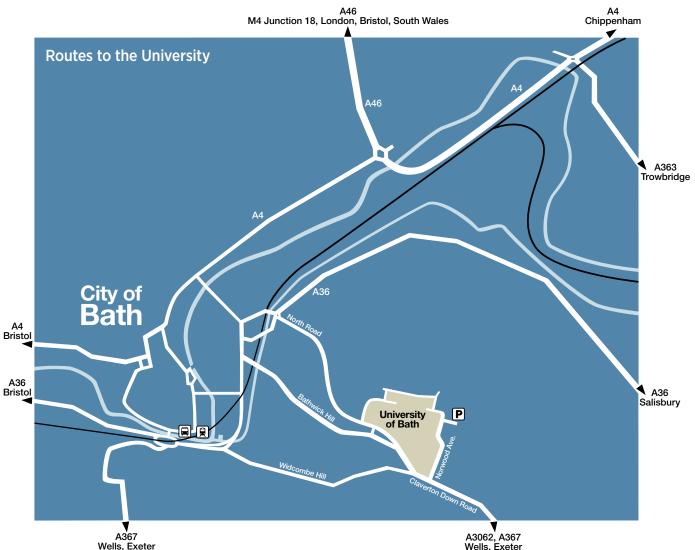
#### By Rail

Bath Spa station is on the main line between Bristol and London Paddington. It can be reached from the North and South via Bristol Temple Meads. Buses 18, 410 and 418 to the University run from the city centre.

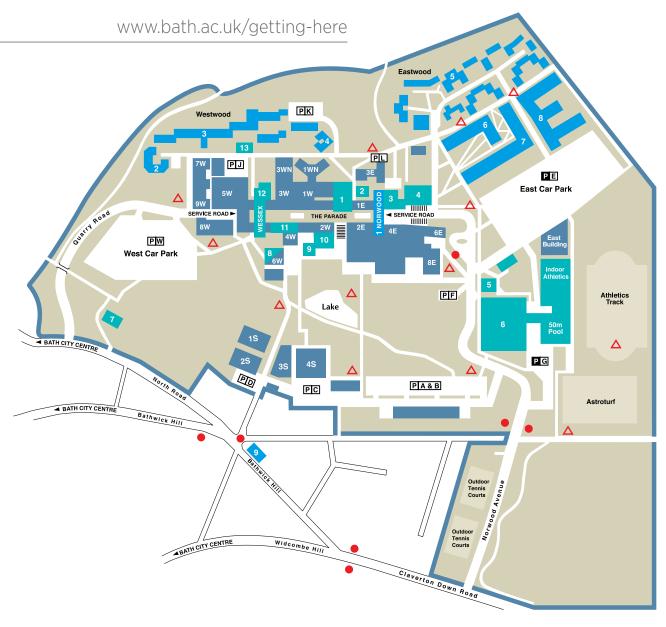
#### By Coach

A frequent National Express service operates from London Victoria to Bath Coach Station. Buses run from here to the University.









#### Key Wessex **Central Administration** International Office **Amenities** Library, Security Chaplaincy Centre Students' Union 2 3 4 5 Arts Lecture Theatre and Arts Barn (ICIA) Sports Training Village Medical/Dental Centre Student Accommodation Office 6 7 8 University Hall Level 1 Café, Parade Bar, Claverton Rooms Restaurant Student Services Centre & Café Post Office, Banks and Shops Accommodation Services Centre 9 10 11 12 13 Accommodation Norwood House Polden Court 2 3 Westwood **Brendon Court** 5 Eastwood Marlborough Court Solsbury Court Woodland Court 6

Osborne House

8



Departments
Architecture & Civil Engineering
Biology & Biochemistry
Chemical Engineering 4E, 6E 48 9W 1S, 3S Chemistry East Building Computer Science 3E 1W, 1WN Education (including Coach Education) Electronic & Electrical Engineering 2E, 4E 8W School of Management Mathematical Sciences Mechanical Engineering 1W. 4W 3W, 4E, 6É, 8E Natural Sciences 3S 5W, 7W Pharmacy & Pharmacology 3W, 3WN Physics 1WN Politics, Languages & International Studies Psychology Social & Policy Sciences 2S 3E 6W Sport & Exercise Science

### Admissions Information

All applications for our full-time courses must be made through the UK's central applications service, UCAS. You apply online completing just one application for up to five courses. Your school, college, or local British Council Office (outside the UK) will be able to help you.

UCAS apply www.ucas.ac.uk

Or write to:

Customer Service Unit UCAS PO Box 28 Cheltenham GL52 3LZ

www.ucas.ac.uk Tel: +44 (0)871 468 0 468 or +44 (0)870 11 222 11

The University of Bath UCAS code is B16

#### Age on Entry

If you are under 18 when the course starts, your parents or guardians must sign a document acknowledging that the University does not have a parental responsibility towards you and, if they are outside the UK, they must appoint a guardian for you in the UK.

#### **Care Leavers**

The University of Bath is committed to supporting applicants and students who are care leavers. The Student Services Centre can put you in contact with a specific member of staff who will work with you and your Leaving Care Adviser to support you in accessing services within the University to ensure a smooth and successful transition into student life.

Email: studentservices@bath.ac.uk Tel: +44 (0)1225 385538

#### **Deferred Entry and Gap Years**

At Bath, we view gap years positively and are happy to consider applicants who intend to take, or are currently taking, a gap year. Some departments, however, do not consider applications from applicants who are asking for deferred entry (applying for entry delayed for one year).

# Students with disabilities or serious physical or psychiatric medical conditions

We are always happy to receive applications from potential students with particular support needs and we pride ourselves on the quality of our Student Disability Advice team; you are strongly encouraged to contact the Student Disability Advice team in advance to discuss any questions you may have and learn about the support the University can offer you.

It is encouraged that you declare any disability on the relevant section of the UCAS form, and in other contacts with the University, so that the University can undertake to arrange appropriate support.

### Work and professional placements

Professional and work placements form an important part of the University of Bath experience for many of our undergraduates and our staff are strongly committed to this aspect of the University's work. They maintain excellent relationships with a wide range of companies and organisations and are always endeavouring to expand these. However, placements cannot be guaranteed. Students will usually have to complete a process akin to application for a permanent position, with an application and interview process and a final decision by the organisation. The possibilities for placement also depend on the ability of our partner companies and organisations to offer places and this, in turn, may be affected by the outlook in their industry or sector. It is also not possible to guarantee that a placement will be paid, or what the salary level will be.

#### **Period of Study Abroad**

We cannot guarantee that a period of study abroad will be available, or that it will be in a specific country or at a specific institution. These possibilities all depend on factors outside our control, in particular the willingness of our partner universities to accept our students.

Departments will advise their students as soon as they can of the opportunities available and also of any additional requirements to take up study abroad places, such as the achievement of minimum grades in their studies at Bath or linguistic skills.

#### Widening Participation

Our students are from a wide range of backgrounds and cultures. We value this and are keen to extend the diversity of our student population, particularly encouraging students from backgrounds where no one in their family has been to university. We do select on academic performance but this is not our only criteria. We are always interested in the context in which you have been studying and any factors which might have caused specific difficulties or disruptions.

#### How our programmes work

Our programmes are modular, consisting of self-contained units taught and assessed on a semester basis. As you progress through each semester and successfully pass the examinations, you will receive credit for the units you have successfully completed. Therefore, throughout your programme, you will have a clear indication of your academic progress. All our programmes are composed of core and optional units, giving you some flexibility and the opportunity to shape your studies to your developing interests. Normally, you will take about 10 - 12 units per year.

#### **Assessment**

Units are assessed individually, with methods of assessment varying according to the nature of the subject. Most subjects combine continuous assessment such as essays, projects, lab work, orals and practicals with examinations.

#### Semesters

The academic year is divided into two semesters; each semester consists of a teaching period followed by revision and assessment. The year begins in September or October and ends in June, with the usual Christmas, Easter and Summer vacations.

www.bath.ac.uk/semester

#### **Teaching**

We have a variety of teaching methods combining the traditional lecture with seminar teaching, team-based group projects and laboratory-based practicals. The University is proud of its small group teaching methods, which help to develop analytical, presentation and communication skills. All of these are highly valued by employers.

#### **Admissions Policy**

A copy of the University's admissions policy is available online at:

#### www.bath.ac.uk/apply

On this page you will find links to policies and guidelines on all of the following:

- Undergraduate standard terms & conditions of offer
- Policy on student admissions
- Equal Opportunities for students
- Race equality policy
- Data protection guidelines
- Guidance for applicants required to use Disclosure & Barring Service (DBS)
- Regulations for students.

If you would like more information and are unable to access the internet please write to:

Recruitment and Admissions Office University of Bath Bath BA2 7AY

### **Entry Requirements and Qualifications**

#### **GSCE English Language**

We normally expect all applicants to hold a level 2 qualification in English language such as GCSE English at Grade C or above. Some courses will require higher grades.

#### **Typical Offer**

When you are checking entry requirements for specific programmes, you will see that we show a 'typical offer'; please note that this is for guidance only and may change. Entry to our courses is very competitive, so being predicted the grades indicated does not guarantee an offer.

#### **Access Programmes**

We welcome applicants with Access to HE qualifications. You will need to check the requirements for individual courses at: www.bath.ac.uk/study/ug

#### AS

We will take AS grades into account when we decide whether to make an offer, but this will be in conjunction with predicted A level grades.

#### **BTEC Qualifications**

Many of our departments will consider applicants with relevant BTEC qualifications, with entry requirements ranging from two passes for some of our Foundation Degrees to a full distinction profile for our most competitive programmes.

#### Cambridge Pre-U

We welcome applicants applying either with the full diploma or individual elements of it. Offers are likely to be based on the Principal Subjects that you are taking.

#### **European Baccalaureate**

We welcome students holding the European Baccalaureate. Offers are likely to be in the range of 75%-85% with specified scores in key subjects.

#### **Extended Project**

We regard this qualification as excellent preparation for higher education study. If you are doing an Extended Project, please make sure you tell us about it in your personal statement.

#### International Baccalaureate

The University of Bath has a long experience of the International Baccalaureate and views it very positively. Many courses require specific subjects and grades at Higher Level.

#### Welsh Baccalaureate

We welcome applicants offering the Welsh Baccalaureate alongside A levels or vocational qualifications. Where programmes require evidence of study in addition to the 3 A levels the Core may be offered in lieu of an AS level. Some programmes may make an alternative offer which includes the Welsh Baccalaureate Core.

#### **English Language Requirements**

In addition to satisfying the entrance requirements, non-native speakers must produce evidence of proficiency in the use of the English language. These are some of the qualifications we accept (please note that these are minimum requirements that satisfy English language requirements, for some courses, academic requirements are above this minimum):

GCSE English Language Grade C or above
GCE Advanced Level English Language Grade C or above
IGCSE English Language (as a first language) Grade C or above
Cambridge O Level English Language Grade C or above

#### **IELTS & TOEFL**

The usual requirement for an Undergraduate programme is a minimum of IELTS 6.5 although a few courses accept 6.0 and some linguistically demanding programmes require 7.0. Please check the department's entry qualifications carefully for your chosen course.

IELTS	TOEFL
IELTS 6.0 with no less than 5.5 in any element	Internet 87, Writing 21, Listening 21, Reading 22, Speaking 23
IELTS 6.5 with no less than 6.0 in any element	Internet 92, Writing 21, Listening 21, Reading 22, Speaking 23
IELTS 7 with no less than 6.5 in any element	Internet 100 with no component less than 24

# Our Programmes

Faculty of Engineering &	Desig	gn	
Course Title	UCAS Code	A level typical offer	International Baccalaureate typical offer
Architecture and Civil Engineering			
BSc (Hons): Architecture	K100	A*AA	38
MEng (Hons): Civil and Architectural Engineering	H202	A*AA	36
MEng (Hons): Civil and Architectural Engineering with placement	H203	A*AA	36
BEng (Hons): Civil Engineering	H204	A*AA	36
BEng (Hons): Civil Engineering with placement	H201	A*AA	36
MEng (Hons): Civil Engineering	H200	A*AA	36
MEng (Hons): Civil Engineering with placement	H205	A*AA	36
Chemical Engineering			
MEng (Hons): Biochemical Engineering	H811	AAA	36
MEng (Hons): Biochemical Engineering with placement	H871	AAA	36
BEng (Hons): Chemical Engineering	H813	AAA	36
BEng (Hons): Chemical Engineering with placement	H814	AAA	36
MEng (Hons): Chemical Engineering	H803	AAA	36
MEng (Hons): Chemical Engineering with placement	H804	AAA	36
BEng (Hons): Chemical and Bioprocess Engineering	H831	AAA	36
BEng (Hons): Chemical and Bioprocess Engineering with placement	H832	AAA	36
<b>Electronic and Electrical Engineering</b>			
BEng (Hons): Computer Systems Engineering	GH46	ABB	34
BEng (Hons): Computer Systems Engineering with placement	GHK6	ABB	34
MEng (Hons): Computer Systems Engineering	HG64	AAB	36
MEng (Hons): Computer Systems Engineering with placement	HGP4	AAB	36
BEng (Hons): Electronic and Communication Engineering	H640	ABB	34
BEng (Hons): Electronic and Communication Engineering with placement	H641	ABB	34
MEng (Hons): Electronic and Communication Engineering	H622	AAB	36
MEng (Hons): Electronic and Communication Engineering with placement	H623	AAB	36
BEng (Hons): Electrical and Electronic Engineering	H603	ABB	34
BEng (Hons): Electrical and Electronic Engineering with placement	H604	ABB	34
MEng (Hons): Electrical and Electronic Engineering	H600	AAB	36
MEng (Hons): Electrical and Electronic Engineering with placement	H601	AAB	36

BEng (Hons): Electrical Power Engineering	H630	ABB	34
BEng (Hons): Electrical Power Engineering with placement	H631	ABB	34
MEng (Hons): Electrical Power Engineering	H632	AAB	36
MEng (Hons): Electrical Power Engineering with placement	H633	AAB	36
BEng (Hons): Electronic Engineering with Space Science and Technology	H6H4	ABB	34
BEng (Hons): Electronic Engineering with Space Science and Technology with placement	H6H4	ABB	34
MEng (Hons): Electronic Engineering with Space Science and Technology	Н6НК	AAB	36
MEng (Hons): Electronic Engineering with Space Science and Technology with placement	Н6НК	AAB	36
<b>Integrated Mechanical and Electrical Eng</b>	ineerin	)	
BEng (Hons): Integrated Mechanical and Electrical Engineering	HH36	AAA	36
BEng (Hons): Integrated Mechanical and Electrical Engineering with placement	НН3Р	AAA	36
MEng (Hons): Integrated Mechanical and Electrical Engineering	HHJ6	AAA	36
MEng (Hons): Integrated Mechanical and Electrical Engineering with placement	HH3Q	AAA	36
Mechanical Engineering			
MEng (Hons): Aerospace Engineering	H400	A*AA	36
MEng (Hons): Aerospace Engineering with placement	H423	A*AA	36
MEng (Hons): Automotive Engineering	H330	A*AA	36
MEng (Hons): Automotive Engineering with placement	H343	A*AA	36
MEng (Hons): Mechanical Engineering	H306	A*AA	36
MEng (Hons): Mechanical Engineering with placement	H309	A*AA	36
MEng (Hons): Mechanical Engineering with Advanced Design and Innovation	H761	A*AA	36
MEng (Hons): Mechanical Engineering with Advanced Design and Innovation with placement	H762	A*AA	36
MEng (Hons): Mechanical Engineering with Manufacturing and Management	H716	A*AA	36
MEng (Hons): Mechanical Engineering with Manufacturing and Management with placement	H713	A*AA	36

### Faculty of Humanities & Social Sciences

Course Title	UCAS Code	A level typical offer	International Baccalaureate typical offer
Economics			
BSc (Hons): Economics	L100	A*AA	38
BSc (Hons): Economics with placement	L101	A*AA	38
BSc (Hons): Economics and Politics	LL12	A*AA	38
BSc (Hons): Economics and Politics with placement	LLC2	A*AA	38

Education				Social and Policy Sciences			
BA (Hons): Childhood, Youth and	LX5H	ABB	35	BSc (Hons): Sociology	L300	AAB-BBB	35-32
Education Studies	LXXXII	7100		BSc (Hons): Sociology with placement	L304	AAB-BBB	35-32
BA (Hons): Childhood, Youth and	LXM3	ABB	35	BSc (Hons) Social Policy	L404	AAB-BBB	35-32
Education Studies with placement  Politics, Languages and International St	tudies			BSc (Hons) Social Policy with placement	L405	AAB-BBB	35-32
BA (Hons): Modern Languages and European Studies (French and ab initio Italian) with placement	RR1H	AAB-ABB	36-34	BSc (Hons): Sociology and Social Policy	LL34	AAB-BBB	35-32
BA (Hons): Modern Languages and European Studies (French and ab initio	RR1V	AAB-ABB	36-34	BSc (Hons): Sociology and Social Policy with placement	LL43	AAB-BBB	35-32
Russian) with placement				BSc (Hons): Social Sciences	L305	AAB-BBB	35-32
BA (Hons): Modern Languages and European Studies (French and German) with placement	RR12	AAB-ABB	36-34	BSc (Hons): Social Sciences with placement	L306	AAB-BBB	35-32
BA (Hons): Modern Languages and European Studies (French and Italian)	RR13	AAB-ABB	36-34	BSc (Hons): Social Work and Applied Social Studies	L501	ABB-BBB	34
with placement				Faculty of Science			
BA (Hons): Modern Languages and European Studies (French and Spanish) with placement	RR14		36	Course Title	UCAS Code	A level typical offer	International Baccalaureate typical offer
BA (Hons): Modern Languages and European Studies (German and ab initio	RR2H	AAB-ABB	36-34	Biology and Biochemistry			
Italian) with placement				BSc (Hons): Biochemistry	C700	AAB	35
BA (Hons): Modern Languages and European Studies (German and ab initio	RR2T	AAB-ABB	36-34	BSc (Hons): Biochemistry with placement	C703	AAB	35
Russian) with placement  BA (Hons): Modern Languages and	RR23	AAB-ABB	36-34	BSc (Hons): Biology	C100	AAB	35
European Studies (German and Italian)	nnzo	AAD-ADD	30-34	BSc (Hons): Biology with placement	C111	AAB	35
with placement  BA (Hons): Modern Languages and	RR24	AAB-ABB	36-34	BSc (Hons): Molecular and Cellular Biology	C130	AAB	35
European Studies (German and Spanish) with placement				BSc (Hons): Molecular and Cellular Biology with placement	C131	AAB	35
BA (Hons): Modern Languages and	RR4H	AAB-ABB	36-34	Chemistry			
European Studies (Spanish and ab initio Italian) with placement				BSc (Hons): Chemistry	F100	AAB	36-34
BA (Hons): Modern Languages and European Studies (Spanish and ab initio	RR4T	AAB-ABB	36-34	BSc (Hons): Chemistry with Industrial Training	F101	AAB	36-34
Russian) with placement BA (Hons): Modern Languages and	RR43	AAB-ABB	36-34	BSc (Hons): Chemistry with Year Abroad	F107	AAB	36-34
European Studies (Spanish and Italian)				MChem (Hons): Chemistry	F103	AAB	36-34
with placement  BA (Hons): French and Politics with	RL12	AAB-ABB	36-34	MChem (Hons): Chemistry with Industrial Training	F104	AAB	36-34
year abroad  BA (Hons): German and Politics with	RL22	AAB-ABB	36-34	MChem (Hons): Chemistry with Year Abroad	F105	AAB	36-34
year abroad BA (Hons): Italian and Politics with	RL32	AAB-ABB	36-34	BSc (Hons): Chemistry for Drug Discovery	F151	AAB	36-34
year abroad  BA (Hons): Russian and Politics with	RL72	AAB-ABB	36-34	BSc (Hons): Chemistry for Drug Discovery with Industrial Training	F152	AAB	36-34
year abroad  BA (Hons): Spanish and Politics with	RL42	AAB-ABB	36-34	BSc (Hons): Chemistry for Drug Discovery with Year Abroad	F153	AAB	36-34
year abroad				MChem (Hons): Chemistry for Drug Discovery	F154	AAB	36-34
BSc (Hons): Politics with International Relations	L291	AAA	38	MChem (Hons): Chemistry for Drug	F155	AAB	36-34
BSc (Hons): Politics with International Relations with placement	L290	AAA	38	Discovery with Industrial Training MChem (Hons): Chemistry for Drug	F156	AAB	36-34
BSc (Hons): Politics with Economics	L2L1	AAA	38	Discovery with Year Abroad	E4 <i>AE</i>	AAD	26.24
BSc (Hons): Politics with Economics with placement	L2LC	AAA	38	BSc (Hons): Chemistry with Management	F145	AAB	36-34
Psychology  BSc (Hons): Psychology with placement	C800	A*AA	38	BSc (Hons): Chemistry with Management with Industrial Training	F146	AAB	36-34

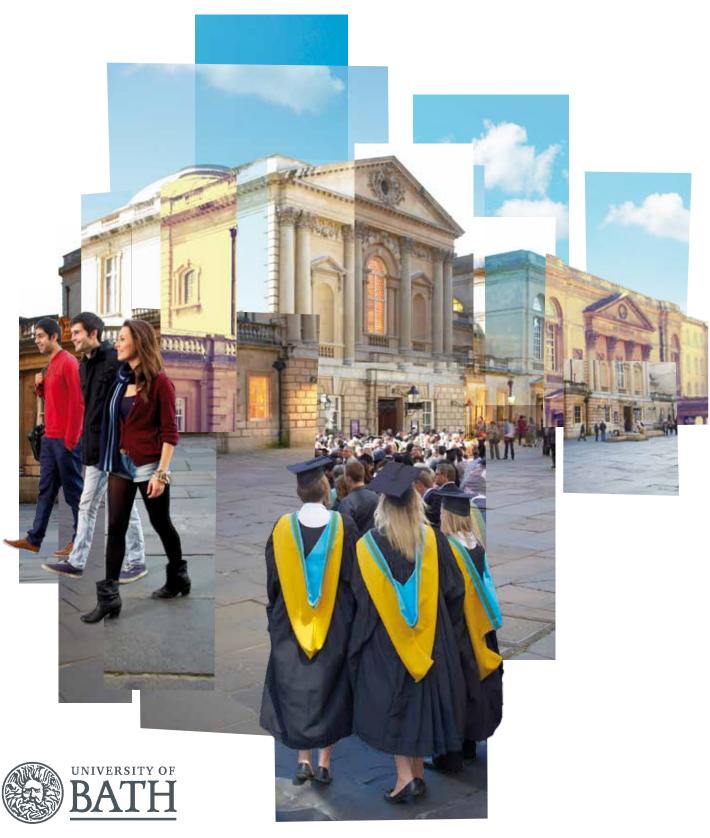
BSc (Hons): Chemistry with Management with Year Abroad	F1N2	AAB	36-34	Pharmacy and Pharmacology		
MSci (Hons): Chemistry with	F1NF	AAB	36-34	MPharm (Hons): Pharmacy	B230	AAB
Management				BSc (Hons): Pharmacology	B210	AAB
MSci (Hons): Chemistry with Management with Industrial Placement	F1NG	AAB	36-34	MPharmacol (Hons): Pharmacology Physics	B213	AAB
BSci (Hons): Chemistry with Education	F1X3	AAB	36-34	BSc (Hons): Physics	F300	AAA
Computer Science				BSc (Hons): Physics with Year Abroad	F307	AAA
BSc (Hons): Computer Science	G400	AAA-A*AB	36	BSc (Hons): Physics with Placement	F301	AAA
BSc (Hons): Computer Science with placement	G401	AAA-A*AB	36	MPhys (Hons): Physics MPhys (Hons): Physics with Year	F303 F312	AAA AAA
MComp (Hons): Computer Science	G403	AAA-A*AB	36	Abroad	1012	ДДД
MComp (Hons): Computer Science with placement	G404	AAA-A*AB	36	MPhys (Hons): Physics with Research Placement	F313	AAA
BSc (Hons): Computing with Business	G4N1	AAA-A*AB	36	BSc (Hons): Physics with Computing	F308	AAA
BSc (Hons): Computing with Business with placement	G4NC	AAA-A*AB	36	BSc (Hons): Physics with Computing with Placement	F309	AAA
BSc (Hons): Computer Science	G4GD	AAA-A*AB	36	MSci (Hons): Mathematics and Physics	FG3C	AAA
with Mathematics				BSc (Hons): Mathematics and Physics	GF13	AAA
BSc (Hons): Computer Science with Mathematics with placement	G4GA	AAA-A*AB	36	BSc (Hons): Mathematics and Physics with Placement	FG31	AAA
MComp (Hons): Computer Science and Mathematics	G4G1	AAA-A*AB	36	School of Management		
MComp (Hons): Computer Science and Mathematics with Industrial Placement	GLG1	AAA-A*AB	36	Course Title	UCAS Code	A level typical offer
BSc (Hons): Computer Information	G500	AAA-A*AB	36	BSc (Hons): Accounting and Finance	NN34	AAA
Systems BSc (Hons): Computer Information	G521	AAA-A*AB	36	BSc (Hons): Accounting and Finance with placement	NN43	AAA
Systems with placement  Mathematical Sciences				BSc (Hons): Business Administration	N100	AAA
BSc (Hons): Mathematics	G100	A*AA	39	with placement		
BSc (Hons): Mathematics with	G101	A*AA	39	BSc (Hons): International Management	NN12	AAA
placement				BSc (Hons): International Management and Modern Languages (French)	NR21	AAB
MMath (Hons): Mathematics	G103	A*AA	39	BSc (Hons): International Management	NR22	ABB
MMath (Hons): Mathematics with Study Year Abroad	G104	A*AA	39	and Modern Languages (German) BSc (Hons): International Management	NR24	AAA
BSc (Hons): Mathematical Sciences	G140	A*AA	39	and Modern Languages (Spanish)		
BSc (Hons): Mathematical Sciences with placement	G141	A*AA	39	BSc (Hons): Management	N200	AAA
BSc (Hons): Mathematics and Statistics	GG13	A*AA	39	BSc (Hons): Management with placement	N200	AAA
BSc (Hons): Mathematics and Statistics	GG31	A*AA	39 _	BSc (Hons): Management with Marketing	NN25	AAA
with placement				Sports Degrees		
BSc (Hons): Statistics	G300	A*AA	39	Course	UCAS	A level
BSc (Hons): Statistics with placement  Natural Sciences	G301	A*AA	39	Title	Code	typical offer
BSc (Hons): Natural Sciences	CFG0	A*AA	38	BSc (Hons): Sport and Exercise Science	BC17	AAA
BSc (Hons): Natural Sciences with Industrial Placement	FCG0	A*AA	38	BSc (Hons): Sport and Exercise Science with Professional Placement	BCC7	AAA
BSc (Hons): Natural Sciences with	GCF0	A*AA	38	MSci (Hons): Sport and Exercise Science	C605	AAA
Study Abroad MSci (Hons): Natural Sciences	GFC0	A*AA	38	MSci (Hons): Sport and Exercise Science with Professional Placement	C604	AAA
MSci (Hons): Natural Sciences with	GFCA	A*AA	38	BA (Hons) Sport and Social Sciences	CX63	AAB
Professional Placement MSci (Hons): Natural Sciences with	GFCB	A*AA	38	BA (Hons) Sport and Social Sciences with Professional Placement	CX6H	AAB
Study Abroad				Foundation Degree in Sport (Sports Performance)	C601	CCC

International Baccalaureate typical offer

International Baccalaureate typical offer

# Course Finder

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German	44		
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