



Belong at Bath



Undergraduate Prospectus 2021



UNIVERSITY OF
BATH



Top 10

UK university

*Guardian University
Guide 2020*



Awarded Gold

status in the
government's
Teaching Excellence
Framework



Ranked 4th

for employment
within six months
of graduation

*Guardian University
Guide 2020*



87%

of our research
is classed as
world-leading or
internationally excellent
REF 2014



Top 10

UK university

*Complete University
Guide 2020*



Ranked 5th

for graduate prospects

*The Times and
The Sunday Times
Good University
Guide 2020*



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Welcome to the University of Bath

Over the coming months, you will have decisions to make about where to study and as Bath's Vice-Chancellor, I hope to welcome you here.

To choose Bath is to choose to join an innovative and internationally diverse community. We'll seek to inspire you and to enrich you intellectually; to give you confidence and to open your eyes to new opportunities. We will help you develop as a person and to achieve beyond your expectations.

Bath is known for excellence in teaching and research, a superb student experience, and for providing outstanding preparation for your later life. Our staff are international experts in their subject areas and use their research and discoveries to ensure that our teaching incorporates the most relevant topics. You will also have the opportunity to benefit from real-world work experience courtesy of our renowned placements scheme.

Our vibrant campus, right on the edge of Bath, offers a fantastic range of sporting, arts, social and cultural opportunities. And the city itself, with its striking architecture and melding of cultures, is the UK's only entire city on UNESCO's World Heritage list. It is a wonderful place to live and to study.

This prospectus provides detailed information about life at Bath. I trust that it provides a taste of what to expect but I recommend that you visit us to find out first-hand what the University is like. Our campus will always be open to you, and I am confident that you will be excited and inspired by the opportunities that it presents.

Professor Ian H White FEng DL
Vice-Chancellor

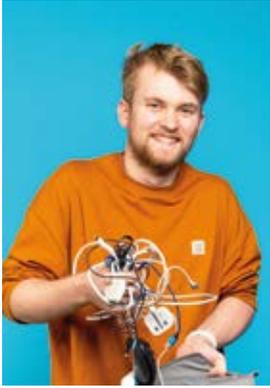








#BelongatBath



“There is a sense of belonging you get from living here that makes it hard to leave after graduation.”

Damla Gulerhan,
Management with Marketing,
4th year



Why **Bath?**

There are so many great universities in the UK and we know it can be hard to know which one is going to be right for you.

At Bath, we're here to help you succeed, and everything we do is focused on creating the perfect environment for you to do just that.

All of the colourful portraits on the opposite page are of students currently studying with us.

—
Look out for them and their comments on life at Bath as you read through this book.

Bath is ranked as one of the best universities in the UK

The Guardian University Guide 2020 and The Complete University Guide 2020 ranked us a Top 10 UK university and we are also in the top 5 for graduate prospects in The Times and Sunday Times Good University Guide 2020.

We hold the Gold award in the government's Teaching Excellence Framework. This means that we consistently deliver outstanding teaching, learning, and outcomes for our students. It is of the highest quality found in the UK.



Make the most of our tailored support

Support at Bath ranges from academic and professional to pastoral and peer-led.

Our excellent Student Services team provides support and guidance on everything from disability, wellbeing and mental health, to money management and coping with homesickness.

Whether you need to improve your English language skills for your chosen course, or if you want to learn a new language from scratch, our Skills Centre is on hand to help. The team can also help you with academic writing, as well as maths and statistics problems.

Our research is making an impact

87% of our academic research is classed as world-leading or internationally excellent (Research Excellence Framework (REF) 2014 assessment) and is improving lives and societies across the world. We're:

- developing lab-grown meat to help feed our growing population
- raising awareness of 'eco-anxiety' as a catalyst for action on climate change
- exploring how compounds found in daffodils could be used in potential cancer treatments
- building better futures for refugees in Jordan by radically redesigning shelters
- exposing the tobacco industry to protect and enhance public health around the world

Have the best of both worlds

Benefit from a stunning green campus that's just a few minutes from a thriving city. In the past decade, we've invested over £450 million in campus facilities, ranging from accommodation and study spaces to new sporting facilities.

In addition to the campus facilities, the city offers year-round cultural and social activities from festivals and concerts to sporting events.

Become well equipped for the working world

Going on a placement allows you to apply your academic knowledge and gain practical work experience.

All of our undergraduate course areas provide a placement option* and almost two-thirds of undergraduates take a work placement or period of study abroad as part of their course.

We have up to 400 employer events at the University every year, giving you the chance to build connections and explore career opportunities before you graduate.

*Social Work, Pharmacy and FdSc Addictions Counselling degrees have mandatory work-based learning as part of the degree, rather than year-long placements. Architecture and Business degrees also include two mandatory placements, rather than a year-long placement. These 6-month placements take place in years 2 & 3. The FdSc Sport (Sports Performance) course has a placement when taken with a Bachelors top-up.

Student stories

It may seem overwhelming at first but meeting new people and making friends was unbelievably easy

Baron Gracias

from Swindon, Wiltshire

I completed a University of Bath outreach programme in Years 12 and 13 where I took part in a monthly research project on campus. I also attended a residential summer school, with around 40 other students, to see what Bath was like. These experiences made me more familiar with life at Bath and I found the transition to university was unlike any other, but in the best way possible!

It may seem overwhelming at first but meeting new people and making friends was unbelievably easy, especially in such a homely environment. Living in halls made every week interesting, and with so many clubs and activities available, there was always something to do. I managed to find a part-time job on campus very quickly, which eased the stress associated with the expenses that arise when you don't live at home!

The support available at Bath is amazing, be it from your professors or Student Services, there is always someone to go to if you need a helping hand.





go.bath.ac.uk/student-stories-21

“The lecturers are very approachable. You can arrange to meet them to get advice on presentations and essays and they will always point you in the right direction!”

Rachel Taylor,
Modern Languages and
European Studies, 4th year



Be inspired

At Bath, our mission is to provide an outstanding teaching and student experience.

We hold the Gold award in the government's Teaching Excellence Framework (TEF), indicating that the teaching at the University is of the highest quality in the UK.



Learning at Bath

Acting on the feedback of our students ensures their experience is as good as it can be and contributes to our students' success and strong student retention and employment rates.

With wellbeing at the heart of our provision, our courses are not just a collection of different topics but are carefully designed to ensure you have the key knowledge, skills and attributes to place you in the best position for your chosen career.

Our staff are experts in their subject areas and use their industrial links, research and discoveries to ensure you are taught the most up-to-date topics. They will present you with subject-specific challenges such as the design of autonomous electric cars, or broader challenges such as the United Nations sustainability goals and what they mean for your subject area.

All of our undergraduate course areas offer a placement option*, so you can leave Bath better qualified with real-world work experience too. Our specialist faculty placement teams will work alongside you to identify your personal objectives, develop your CV and help you to find a suitable placement.

We have extensive links with industry, professional bodies and non-governmental organisations (NGOs) around the world, and these are used to give you valuable insight into your chosen subject. For example, our Politics students have been able to ask their questions on trade policy changes to a panel of small business entrepreneurs, and our Civil Engineering students have access to an industrial mentor scheme.

Opportunities to investigate areas of interest that are relevant to your subject area are also key. This could be through optional modules informed by the research of our staff, modules from different subject areas to give you a broader perspective on your subject, or open-ended projects where you can choose the direction of your learning.

Skills development

In addition to subject-specific skills embedded in your course, we offer an additional skills programme which is designed to meet your academic and personal development needs. This will help you get the best out of your studies, enhance your employability and achieve success in the workplace.

As an undergraduate you will have access to a range of skills development opportunities covering five key areas – Academic Skills, Employability, Language Skills, Personal Skills and Health and Wellbeing skills. You can tailor your own development programme to fit flexibly around your other academic studies. As a University of Bath student, you can access our MySkills site, which enables you to search, and sign up, for many different skills development opportunities.

Some examples of the skills you can develop include:

- thinking critically to enhance your writing
- creating well-written, clearly structured essays, reports and dissertations
- giving polished and effective academic presentations
- managing and analysing numbers, data and statistics
- learning a new language or improving an existing one
- using IT tools and resources efficiently
- looking after your health and wellbeing and staying in a positive mind-set

These skills will help you in your studies and ensure you are well prepared for the workplace. There is a wide range of employability-focused activities designed to support you in:

- writing effective job applications and CVs
- succeeding at interview
- securing an internship, placement or graduate role
- leading and managing projects

To help meet your learning style, we offer skills development in a variety of different ways including:

- one-to-one tutorials
- workshops, talks and presentations
- online resources and independent study

go.bath.ac.uk/skills-21

*Social Work, Pharmacy and FdSc Addictions Counselling degrees have mandatory work-based learning as part of the degree, rather than year-long placements. Architecture and Business degrees also include two mandatory placements, rather than a year-long placement. These 6-month placements take place in years 2 & 3. The FdSc Sport (Sports Performance) course has a placement when taken with a Bachelors top-up.



Learning environment

We continually invest in teaching buildings, informal learning spaces and laboratories for our students. We are currently constructing a major new School of Management building which will include new lecture theatres, seminar rooms, study and social space to enhance the learning experience of our students. Alongside general teaching spaces, we have many other bespoke facilities tailored to our different subjects. Our Psychology observation suites, refurbished Engineering laboratories and other specialist equipment will give you the opportunity to put theory into practice. In addition to the physical learning environment, our Virtual Learning Environment will allow you to access course materials, quizzes and recorded lectures, as appropriate for your subject.

Our investment in our staff and your learning environment will prove invaluable along your journey, but your peers will undoubtedly be the most important component of your learning experience.

At the University of Bath, you will be surrounded by students from many different cultures and with varying life experiences. Your ability to combine learning from both staff and peers is key to the Bath experience and will enable you to help solve the global problems faced in future employment.

The Library

Our 24-hour library plays an essential role in your learning.

Located in the heart of campus, the Library provides a variety of study spaces for group, individual and quiet work.

With lots of PCs and wireless networking throughout, you'll be able to find a place to study that suits you best. Printed and electronic books, electronic journals, specialist databases and academic publications are available whenever you need them too. There are copy, print and scanning facilities, and Library staff can source alternative formats of print materials.

Our Specialist Subject Librarians provide one-to-one help and support, as well as teaching you everything you need to know about library resources, services and information skills. To get you started, you'll receive a library introduction at the beginning of your studies, and further sessions as you progress through your course.

Learning Commons

Our Learning Commons are informal and comfortable learning spaces.

They are set up with tables, chairs and plenty of power sockets to suit independent study or group work. You don't need to book these, just turn up with your laptop.

They have printing facilities and usually a vending machine close by, for when you fancy a snack. The Virgil Building Learning Commons is right in the city centre. There are group study spaces, bookable rooms, an IT suite and training rooms, as well as a café.



“The community environment on campus made moving away from home much easier. There is always plenty of people around and lots to get involved in on campus.”

Samantha Pennington,
Education with Psychology,
4th year

Be at home



Our campus offers the best of both worlds: a vibrant community atmosphere and the natural tranquillity of the Somerset countryside.

In addition to our library, Sports Training Village, arts centre, The Edge and award-winning Students' Union, we have much more all within a five-minute walk.

“Living on campus in the first year was great for making friends. There is an amazing community feel on campus.”

Mackyla Palmer-Logue,
Social Sciences, 3rd year

Make yourself at home

When you are on campus, you are at the heart of university life. You won't go far without seeing a familiar face and we have a range of amenities for you to enjoy.

As well as our library and learning spaces, we have supermarkets, banks, computer shops, laundrettes, a hairdresser, a Post Office and so much more. Whether you're a vegan or meat obsessed, we have over 10 restaurants, bars and cafés that cater for all tastes.

We have over 160 clubs and societies that all have social calendars, so you will always have something to keep you occupied on campus. From Wednesday nights at Score, the Students' Union club night, to film screenings or open mic nights at The Edge, your spare time will never be dull.

Our campus can be enjoyed whatever the weather. There are lots of cosy study spaces and cafés to enjoy in the winter months. In the summer, you can work outside by our scenic lake.

 Amenities

 City Centre accommodation

 Campus accommodation





City accommodation:
Carpenter House &
John Wood Building and Court

Medical/
Dental Centre

Polden

Westwood

Brendon
Court

Library

Norwood
House

Students'
Union

Eastwood

Marlborough
Court

The Edge

Solsbury
Court

The Quads

Woodland
Court

Accommodation

Your accommodation at university is much more than bricks and mortar. You will be part of a student community and your accommodation will become your home away from home.

At Bath, you can live on the campus or in the heart of the city, and choose accommodation that comes with credit to spend on food and drink.

Our guarantee

We guarantee accommodation to all our full-time undergraduate students in their first year if we are your first choice on your UCAS application, and we receive it before the deadline. We offer a range of rooms and set-ups to suit different budgets and lifestyles.

Once you've accepted Bath as your firm choice, you can apply for accommodation from early May in your year of entry.

Our accommodation

We have over 4,000 bedrooms and around 80% of our accommodation is on campus. The majority of accommodation is in houses or flats with student bedrooms grouped around communal kitchens or social spaces. You can apply to stay in accommodation that comes with Eat and Drink credit, so you can get discounts at the cafés, bars or restaurants on and off campus.

Bath offers one of the safest university campuses and cities in the UK, and your security is our priority. When living in campus accommodation, you'll have the support of a 24 hour security team, as well as our friendly accommodation teams who are here to make sure you feel at home. All security staff are trained in first aid and mental health first aid, so they are also able to provide pastoral care and welfare support.

Campus accommodation

All campus accommodation is just a few minutes walk away from the centre of campus, which is where you can find the Library, lecture theatres and the Students' Union. There are options to suit all tastes and budgets, from our Eastwood houses and Norwood, which offer fantastic communal living, to our modern accommodation building, The Quads.

City centre accommodation

We have two accommodation options that are located in the heart of the city centre. They are situated just minutes from shops, cafés, restaurants, bars, pubs and attractions. All residences are near to the railway station and bus station, making travel to the University quick and easy.

Weekly rate guide (2019-2020)

Room with private shower and toilet:
£167 - £185 per week / £6,346 - £7,030 per annum

Room with shared shower and toilet:
£113 - £137 per week / £4,294 - £5,206 per annum
Eat and drink credit accommodation options
from £183

go.bath.ac.uk/student-accommodation-21



“I loved living in Norwood House and wouldn’t want to live anywhere else. All the rooms are spacious and the views from the ninth floor couldn’t be better.”

Laura Pettitt, Psychology, 4th year



Finding the right home for you

Our accommodation is here to suit you, and we're proud to be able to offer something for everyone. We are always willing to listen, and after speaking with students we are pleased to be able to offer the following types of accommodation:

Single-gender accommodation

While accommodation is usually mixed gender, all-female or all-male accommodation can be arranged if you would prefer, subject to availability.

Alcohol-free accommodation

We can offer alcohol-free flats to new undergraduates subject to demand. If you choose this style of accommodation, we ask that you and any guests keep the entire flat an alcohol-free environment. You will need to apply specifically for alcohol-free accommodation if you'd like to live in an alcohol-free flat.

Mature students

If you are a new undergraduate aged twenty-one or over, you may wish to share with other mature students.

Quiet accommodation

We offer designated quiet accommodation, subject to demand. In this accommodation, we ask that you keep all noise to a minimum out of respect to flatmates and neighbours who have chosen to live in a quiet environment. You will need to apply specifically for quiet accommodation if you'd like to live in a quiet accommodation group.

Family accommodation

We are able to offer a limited amount of family accommodation in the John Wood Building, one of our city centre buildings where two and three bedroom flats are available.





“Moving-in day went well and I settled in to campus life quickly. I joined the Eastwood accommodation Facebook group before moving to Bath, so the ice was already broken amongst us housemates.”

Oruese Omoru, Chemical Engineering, 1st year



The city and more, right on your doorstep

Studying at the University of Bath means that you will benefit from both a bustling city and a beautiful campus. Bath is known for its architecture and history but it has much more to offer.



Food and Drink

Bath has hundreds of restaurants to suit your tastes. While there are several well-known chains, Bath is all about promoting independent businesses, and new places pop up all the time. Restaurants and cafés have student promotions on throughout the year, so remember to keep your NUS card handy!

Shopping

Bath's shops are scattered between intriguing side streets and picturesque alleyways - all within easy walking distance of one another. Most of the high-street stores can be found in the Southgate Centre, with quirky artisan and vintage shops dotted throughout the city.



“Bath offers students everything in one of the world’s most iconic cities.”

Daniel Casares-Lauritsen,
Management, 3rd year





Local favourites

If you are looking for a curry, Panahar in Oldfield Park is the place to go. The Raven pub in the centre of Bath is famous for its pies and Sunday roasts.

There are some fantastic markets in Bath too. Green Park Station host food and farmers' markets every weekend and a vintage market once a month.

After dark

If you are looking for a quiet couple of drinks in a cosy bar or a big night, you're guaranteed a good time. Bath has a great nightlife with lots of hidden gems for you to discover. There are also several music venues in the city, including Komedia and the Pavilion, who host hundreds of events a year.

Art and Culture

For a small city, Bath manages to host a huge amount of activities throughout the year. These include The Bath Festival (a ten-day multi-arts event), The Film Festival, Comedy Festival and Fringe Festival to name but a few. Other events include the famous Bath Christmas Market and The Great Bath Feast.

Whether you are interested in history, science or art, the city has many museums and galleries to explore. Bath also has three cinemas for the film enthusiasts and three theatres, including The Theatre Royal, which frequently host plays straight from a West End run.

Get active

From paddleboarding on Pulteney Weir to hot air balloon rides over the Royal Crescent, Bath has a host of outdoor activities that can be enjoyed throughout the year. The city and surrounding countryside are perfect for walking, running and cycling.

Explore your historical city

Living in a historical city like Bath has many benefits, such as being surrounded by beautiful places to visit. The Roman Baths, Skyline Walk, and Bath Abbey are all worth a trip, as well as the various parks spread around the city.

Bath is known for its Roman links but the city was also home to founding members of the Suffragette movement and campaigners for social justice, such as Haile Selassie.

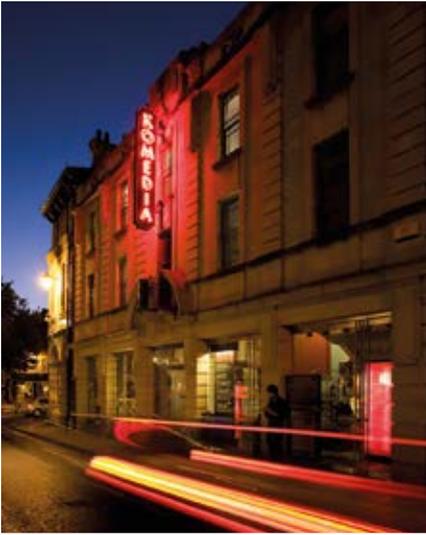
Beyond Bath

If you like exploring new cities and places, there are plenty of ways to transport yourself into the hub of Bath, and beyond.

A taxi with friends can cost as little as £2 each from the campus to the city. The U1 bus runs every 5 minutes during the day and takes 10-15 minutes from the campus to the city. With services running 24/7 in term time, it's perfect for a night out or a long library session.

If you want to explore a bigger city, Bristol, Cardiff and London can all be easily reached by train. The must-see monument of Stonehenge is only a thirty-five-minute drive from Bath too!

go.bath.ac.uk/city-of-bath-21



Student stories

I come from a small village, so wasn't sure what it would be like to live in a city

Elisa-Jayne Barber

from Suffolk

I came to Bath on the Open Day 5 years ago, not knowing what to expect. I also come from a small village, so wasn't sure what it would be like to live in a city. Walking around campus, it felt like home, and that was one of the major selling points for me. In the first year, most students decide to live on campus, which is just like a little village with shops, hairdressers and pretty much everything you need.

In my second year, I decided to live in the city, and as most students live in the same area, it felt like a second campus with everyone so close by. I love being able to go up to campus for lectures then pop to the shops on the way home to pick up essentials.

Bath is a beautiful, fantastic place to live; there's a lot to do and it has great connections to other places in the UK. I have thoroughly enjoyed my time here – my degree is fascinating and challenging; my lecturers are supportive and helpful and everyone here is so welcoming and friendly.





go.bath.ac.uk/student-stories-21



“The support I received from the Faculty Placements team was phenomenal. They went the extra mile to support me throughout the entire process.”

Jey Ashokkumaar,
Mechanical Engineering,
4th year

Be ahead of the game



Bath has been ranked in the top 5 universities for graduate prospects in the UK*. This is because Bath graduates continue to be some of the most sought after in the country, with almost two-thirds of undergraduates taking a work placement or period of study abroad as part of their course.

**The Times/Sunday Times Good University Guide 2020*

Placements

A placement will give you the winning combination of academic knowledge and hands-on employment experience when you come to enter the job market. It's a fantastic way to gain experience in a real workplace, develop your employability skills and grow your professional network.

Placement opportunities at Bath are varied so you can find something to suit you and your career plans. For example, you could be working in a multinational corporation, a small and medium-sized business, or a start-up, and this could be based in the UK or in some cases overseas.

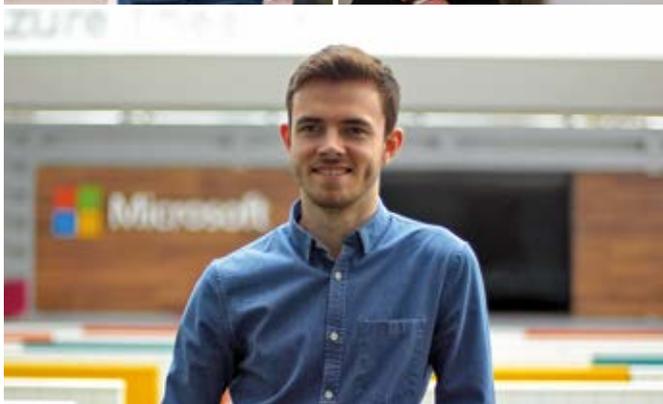
Depending on the course, you could do a research-focused placement, or work for a non-governmental organization or charity.

What makes the placement scheme at Bath stand out is the tailored support you receive from our Placements teams. The teams in each faculty are specialists in your area of study and will be on hand to provide advice and support from your first year.

You will get the chance to have help working on your CV, undertake practice interviews, and find suitable placements. Our Placements teams work with many of the world's biggest organisations and have developed several exclusivity agreements where companies offer places to Bath students only. Whilst securing a role is your responsibility, we support you every step of the way.

“During my time on placement at Microsoft, I worked on the launch of their new console, the Xbox One X. It was an amazing project to be involved in.”

Sam Brill,
Management with Marketing
(2019)







Biochemistry student, Sukritpong Pakdeerat, spent his placement year as a Lab Technician at ASL Laboratories in Wiltshire.

I am an international student from Thailand and have always wanted to do a placement year as part of my undergraduate degree. The main reason was to get a better idea of what I wanted to do as a career before graduating.

My day-to-day responsibilities at ASL were varied as I worked in a couple of labs. In the main lab area, tasks consisted of weighing, diluting and plating out samples, as well as pouring the plates. In the pathogen lab, duties included sub-culturing broths, operating Dynex DS2® ELISA Processor, or carrying out other tests.

This enabled me to learn a lot about bacteria and develop my microbiological laboratory skills. I had learnt many of the techniques from my time at university so it was great to implement them in a work environment. I have always been interested in microbiology and I now know that I want to pursue a career in this area.

My placement year was fantastic practice for the real world and I learnt a huge amount. Being a paid employee was great too as it enabled me to save for my final year at university.



Education with Psychology student, Chloe Collins, spent her placement year in Nepal and the UK.

I decided to do two placements as it allowed me to explore a variety of potential future areas of work. I volunteered for the International Citizen Service (ICS) in Nepal and I spent my second placement at a residential care home for disabled children.

During my 3 months in Nepal, I lived with a local host family. My role was to be an Action Learner, which meant I was educating the local community about the issues they were facing. My group and I conducted community awareness events on gender equality, sexual and reproductive health, hygiene and wellbeing, mental health, early marriage and pregnancy, and self-defence.

My work as a Residential Child Care Worker was varied and consisted of paperwork to domestic tasks, as well as caring for the children. I would facilitate games, have meals with them, help them manage their anxieties and behaviours and make them feel safe. This role was hugely rewarding and challenging.

Throughout the year, I was challenged and consequently had to learn to adapt and develop. Perhaps the most obvious things I learnt from my placement were patience, adaptability, confidence and perseverance.

I would highly recommend doing a placement. If you have any uncertainties about what you want to go into in the future, then a placement year is perfect.



Mechanical Engineering student, Jey Askhokkumaar, spent his placement year at Monodraught in High Wycombe, Hertfordshire.

Monodraught is a heating, ventilation and air conditioning (HVAC) specialist. I wanted to work for Monodraught, primarily because it is a small and medium-sized enterprise (SME), and I felt that this would give me a greater degree of responsibility in my projects and range of tasks.

I was an Assistant Development Engineer, which consisted of a lot of design, and computer-aided design (CAD) work. CAD was a key part of the role, so I now feel much stronger in this area after having worked with it for a year. I also learnt how to manage a 3D printer, which has developed my manufacturing design knowledge.

The atmosphere was super friendly at Monodraught. It was a brilliant experience and I have remained in contact with many of my colleagues.

The support I received from the Placements team was phenomenal. I started my placement in November due to multiple issues regarding illness, which meant I had to take my exams later in the year. However, a change in my situation meant I was able to do a placement if I was able to find one in time. The Placement team went the extra mile to support me.



Business student, Francesca Owen, spent her placement at the fifth-largest food and beverage company in the world, The Kraft Heinz Company.

Aside from the chance to work on iconic brands I had grown up with such as Heinz Tomato Ketchup, I was attracted to the company for its ownership and competitive culture. Kraft Heinz fosters a winning culture where individuals strive to be the best and I viewed this as the best opportunity to fulfil my potential.

My role was to build in-store partnership plans with other consumer goods brands. No two days were the same; one day could entail visiting other brands to plan our partnership strategy, the next could involve devising prediction and tracking tools to strengthen our activities.

I have developed technical skills such as Excel and budgeting, business skills such as sales and marketing and transferable skills such as presentation and team-working skills. Most importantly though, I have developed my confidence and am much more self-assured than I was before my placement.

I received a lot of support from the Placements team both when applying and whilst on placement. We had weekly sessions that provided insights into different industries and organisations as well as individual support that included tailored CV and cover letter feedback and a mock interview with a real-life employer.

Your placement experience flies by so make sure you fully immerse yourself into the organisation. You will learn the most and have the most fun!

go.bath.ac.uk/placements-21

Study abroad

Studying abroad not only improves your language skills, but it also demonstrates ambition, confidence and a willingness to embrace new ideas, all of which are of great value to future employers.

Studying abroad is not just for language students, and Bath has exchange agreements with over 100 higher education institutions around the world, in Europe, Australia, Asia, Latin America, Canada and the USA.

For students on language degrees, studying or working in the language of your choice is compulsory. Other students can choose to study abroad as a course option. Studying abroad can be done as a full year or for just a semester depending on your course of study, and a semester of study abroad can be combined with a semester on work placement.

The University has exchange agreements with partner institutions in several European countries and operates the European Credit Transfer System (ECTS) so your qualifications will be understood in other European countries.

We also have exchange agreements with partner institutions in Argentina, Australia, Canada, Chile, Hong Kong, Mexico, New Zealand, Singapore, South Africa, South Korea, USA and Uruguay.

In all cases the opportunity to gain insight into another culture, broaden experience and develop both intellectually and personally, is invaluable.

go.bath.ac.uk/study-abroad-21

Chemistry student, Rex Charman, spent 10 months in the USA studying at Binghamton University.

Although the University of Bath has an excellent placement scheme, I wanted to explore a different part of the world at the same time as conducting research. Naturally, the study year abroad option was a golden ticket for me!

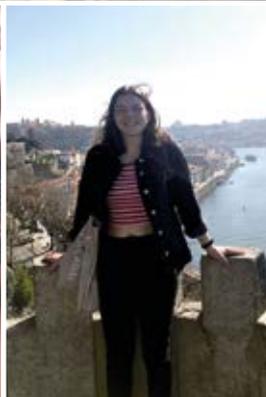
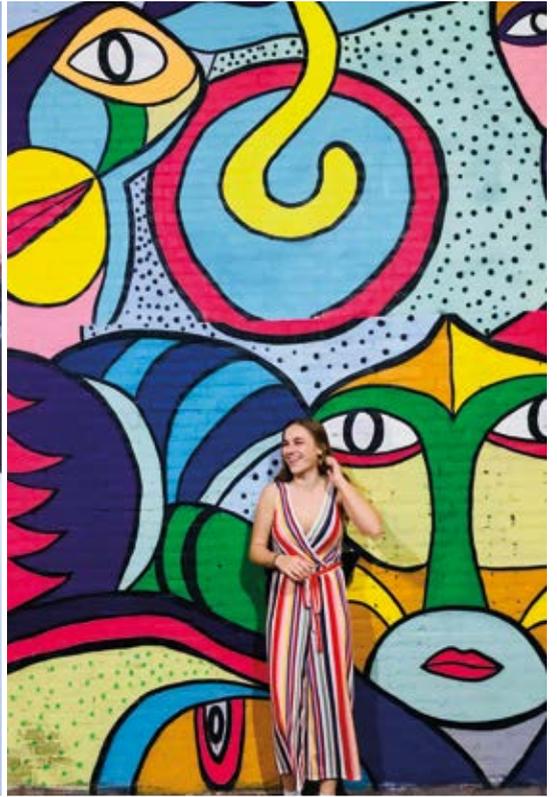
During my year at Binghamton, I had the most incredible opportunities. This ranged from conducting research under a Clarivate Citation Laureate for the Nobel Prize in Chemistry, Dr M. Stanley Whittingham, to learning to snowboard!

The flexible and diverse nature of the study year abroad programme gave me the means to make my year abroad everything it could be!

Modern Languages student, Amy Watts, spent her year abroad at an Italian language school with sites in both Liguria and Florence.

The year abroad pushes everyone out of their comfort zone - that's the aim after all! - but for us shy folks it's like pushing us out of our comfort zone and into our own special idea of hell. Not only do we have to introduce ourselves to new people and socialise on a regular basis, we will also most likely have to do it in a different language, which is a whole new kettle of fish. If you find yourself avoiding talking to new people because of the language barrier and fears about making a mistake, just remember that most of the people you meet will have been in the exact same position before.

Your year abroad is exactly that: *yours*. Just make sure that you don't limit yourself or your experience - it's good to push yourself out of your comfort zone every once in a while.



Developing your skills

Our Careers Service is here to support you from your first year of study through to graduation, and beyond. We can help with every step of your career planning and employability development. Through tailored online resources, workshops and group sessions, and a variety of 1:1 appointments, we can support:

- your career exploration as you formulate your ideas and aspirations
- your understanding of job searching and the job opportunities available to you
- application preparation including CV development, LinkedIn and online professional presence, application forms and cover letters
- preparation for interviews, assessment centres, online testing and the variety of recruitment methods used by employers
- your longer-term career planning and how to future-proof your career path in an ever-evolving job market

The Careers Service also works hard to engage with the graduate recruitment market. We gather information on the skills employers seek from their future workforce to inform our resources for you and facilitate events on campus, which bring together employers and students. Every year, over 400 employer events take place, providing you with opportunities to meet, understand and network with recruiters from a variety of industries.

Thousands of vacancies for graduate posts, summer internships and insight week experiences are posted on the University job portal, helping you gain valuable exposure to employment opportunities and search for the right graduate job for you.

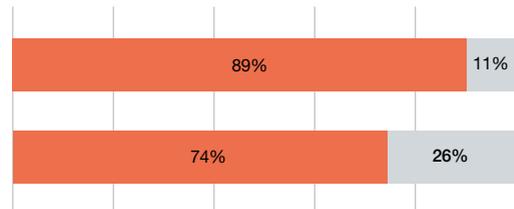
Our support doesn't stop once you graduate either. As a Bath graduate, you will be able to seek advice from our Careers Service team for the entirety of your working life.

Whether you aim to join a large multi-national company, seek opportunities within a small business, aspire to utilise your entrepreneurial skills with your own venture or pursue a career in academia or research, we look forward to supporting your journey!

go.bath.ac.uk/careers-21

Our graduates in the workplace

89% of our employed UK domiciled full-time first degree graduates are in the top three occupational groups (professional or managerial jobs) compared with 74% nationally.



■ Professional or managerial jobs
■ Non professional or managerial jobs

The mean annual salary for Bath's full-time UK domiciled first degree graduates employed full-time in the UK was £27,000 roughly six months after graduating; £4,500 above the national figure.

Source: HESA Destinations of Leavers from Higher Education Survey 2016/17 - census date six months after leaving

Open up global possibilities

Learning a language can increase your employability by opening doors across the globe and in international businesses. You can choose to learn a new language, brush up on your existing skills or improve your English language proficiency by taking advantage of our wide range of free language opportunities.

We host weekly language classes, taught by qualified language teachers, where you will meet other students from all years of study and disciplines. You will also be able to practise your language skills informally, by meeting with international students in our Language Exchange programme.

go.bath.ac.uk/skills-21



“The Careers Service has been absolutely amazing in helping me secure a position at Bloomberg in London. I graduated in 2017 and have recently used the Careers Service for CV development and interview practice. The team also provided a lot of advice on my presentation skills and job applications.”

Nirvan Moloje,
Economics and Politics (2017)

“I’ve been able to use the knowledge I gained from the University and on placement to help change people’s lives for the better.”

Nia Simpson,
Founder of Compact Cane



- 1 Amy Williams MBE, alumna and 2010 Winter Olympic gold medallist
- 2 The Duchess of Cambridge meets some of our graduates
- 3 Students and alumni celebrate our 50th anniversary in 2016
- 4 Dom Parsons, alumnus and 2018 Winter Olympic bronze medallist
- 5 Honorary graduate, Bill Bailey, poses with the University’s ceremonial mace

Be the next big thing

Studying at the University of Bath means belonging to a global network. Our graduates are proud of their Bath connection and want to help you to succeed too.

Bath is for life

As a student, you'll belong to a global network of more than 120,000 people, including around 500 remarkable honorary graduates. Our graduates are on hand to help you make the most of your time at Bath, and beyond.

Bath graduates go on to successful careers all around the world, so if you're heading off on placement, chances are we can put you in touch with a friendly face. They also support you while you're studying, helping you enjoy all the clubs, societies and opportunities that make being at Bath so special.

The support doesn't stop when you graduate, either. Nia Simpson was able to develop her final-year project into a business, thanks to a £15,000 Innovation Award donated by a fellow graduate. Nia's business, Compact Cane, is the first discreet digital white cane for people with visual impairments. It uses ultrasonic waves to detect obstacles in real time.

"I really love what I do – I've been able to use the knowledge I gained from the University and on placement to help change people's lives for the better. The support I received from the Innovation Award has enabled me to develop skills, such as pitching, and has helped build confidence in my business idea and myself. I definitely recommend Bath for its support for budding entrepreneurs!"

Nia Simpson (MEng Mechanical Engineering 2018), Founder of Compact Cane

Make the Bath Connection

Our former students want to help you succeed. Through our networking site Bath Connection you can be in touch with graduates all around the world who are happy to offer careers support, CV advice, interview tips and more.

You'll find profiles of thousands of graduates to speak to, including high-profile execs, start-up owners and more. From asking a quick question about working for a particular organisation to finding a mentor for ongoing support, you'll learn from someone who has 'been there already' and wants to help you succeed too.

"One of the things I appreciated the most at university was Bath's emphasis on placements. The guidance I received was invaluable in helping me get my placement, and later my graduate job."

"My family all have very different careers to me, and so I wanted to help students who maybe don't have families or another network where they can ask for advice about some of the typical graduate jobs."

Heather Naylor (BSc Mathematics 2011),
Retail Strategy Manager

go.bath.ac.uk/bath-connection-21



The Students' Union (SU) will provide you with lots of ways to socialise, gain new experience, give something back and get your voice heard. The SU is a registered charity and everything they do is run by students, for students.



Groups

Whether you've spent years perfecting your yoga poses and want to take it to the next level, fancy trying something new like ultimate frisbee, or if you're simply keen to meet new people by bonding over the latest video games, the SU student groups have got it covered. There are over 160 groups that are open to all students.

"There are countless things to get involved with on campus. There are lots of volunteering opportunities and our sports clubs and societies host many events throughout the year."

Aaron D Souza,
Management, 2nd year



 @thesubath

 /thesubath

 /thesubath


“We're here to empower you, equip you, and make your student experience truly unforgettable.”

Eve Alcock
SU President 2019-20



Be who you want to be

Experiences

The SU gives you the chance to take on new adventures and explore all the opportunities that student life offers. There will be many occasions to let your hair down and have fun, from music events, food fairs and cultural trips, through to the biggest and best club nights in Bath. The SU also runs the big, annual events such as Freshers' Week and the Summer Ball.

Support

The SU has an independent Advice & Support Centre with professional advisors who are on-hand to guide and support you with any problems during your time at Bath. They offer confidential, independent and non-judgemental advice and support. There are also a number of support groups run by students who run campaigns and events for awareness or action purposes. The SU also offers peer support through peer mentors and peer-assisted learning.

Development

Your time at university is one to grow and develop and the SU encourages you to think ahead and start planning for the future as soon as you arrive. There are lots of options available from part-time jobs and volunteering to skills training and enterprise opportunities. You will meet and share experiences with so many students along the way and make life-long connections.

Voice

Student representation is a big part of what The SU does; students can tell the SU what they think and together you can form a movement for positive change on campus and beyond. Students are encouraged to lead their own campaigns, become an Academic Rep to represent their course, join executive committees or even just voice ideas to improve the SU, the University and the community.



UNIVERSITY OF BATH
TEAMBATH™



Be active

Staying active couldn't be easier with access to our first-class sporting facilities seven days a week.

Whether you're serious about your shuttle-runs or just want to de-stress and socialise, our facilities are open to all.



Sport at Bath

Your Sports Pass will be added to your library card when you start as a student, giving you access to our extensive range of facilities.

Bath Active provides free and low commitment sport and physical activity sessions ranging from yoga to touch rugby, zumba to football. There are also personal development opportunities through coaching, volunteering, innovation and leadership schemes.

Training is also available. Our team of coaches, sports science personnel and physios have fantastic expertise as they work with a wide range of performers from student recreation up to Olympic level.

We have one of the leading high-performance environments in Europe, hosting around 250 international-level athletes and national and regional squads across 10 sports.

As a student, you will also have the opportunity to watch top sport on campus, as we play host to profile events which include Netball Superleague and other big BUCs matches and events amongst others. Recently, we have hosted the Federation Cup tennis and European Modern Pentathlon Championships and are ambitious to stage more great sporting moments.

go.bath.ac.uk/sports-21

Our facilities

Your Sports Pass gives you access to the Sports Training Village, Founders Complex and Sulis Sports Club (off-campus).

With 100s of group exercise classes in our dedicated studios there's something for everyone.*



Team Bath Gym and Fitness Centre

Newly-opened and expanded across three floors*



Olympic-sized swimming pool

Swim alongside Olympic medalists in our London 2012 Legacy Pool



400m outdoor athletics track

Surrounds a multi-purpose in-field and overlooked by a viewing balcony



Indoor athletics hall

Featuring 132m sprint track, allowing training whatever the weather



Multi-purpose sports hall

Used for badminton (12 courts), netball, gymnastics and much more



Eight-court indoor tennis hall

Available for competitive and recreational tennis, plus lessons

*Many of these facilities are free to use but a charge may be made for some of the facilities and membership of specific clubs and there is a charge for gym membership.



Group exercise classes

More than 50 fitness classes every week



Multi-purpose, all-weather pitches

For hockey, five-a-side football and general purpose areas



Dedicated football & rugby pitches

Available both on campus and in the nearby Sulis Sports Club



300m² judo dojo

Based on a traditional Japanese-style martial arts facility, also used for yoga



Fencing salle

The eight-piste facility also includes an indoor shooting range



Physio, sports massage & Sport Science

Delivered by a dedicated team of highly qualified therapists and practitioners



Outdoor tennis courts

Four acrylic, four artificial clay and two clay to complement our indoor courts



Jumps and throws hall

Large multi-use facility providing more indoor training options for athletes



Disability sports

All Sports Training Village and Founders Hall sports facilities are accessible

Be creative

The Edge is the hub of creative life on campus.

Here you'll find opportunities to experience art and creative practice using top-class facilities. Join the Edge Arts Community, take classes in visual arts, music and dance, with opportunities to become more involved behind the scenes too.

Alongside your own creative pursuits, our professional programme encourages and nurtures art and research collaborations, from mechanical engineers and sculptors interested in moving structures, to architects working with artists, and inventors merging the lines between science and art.

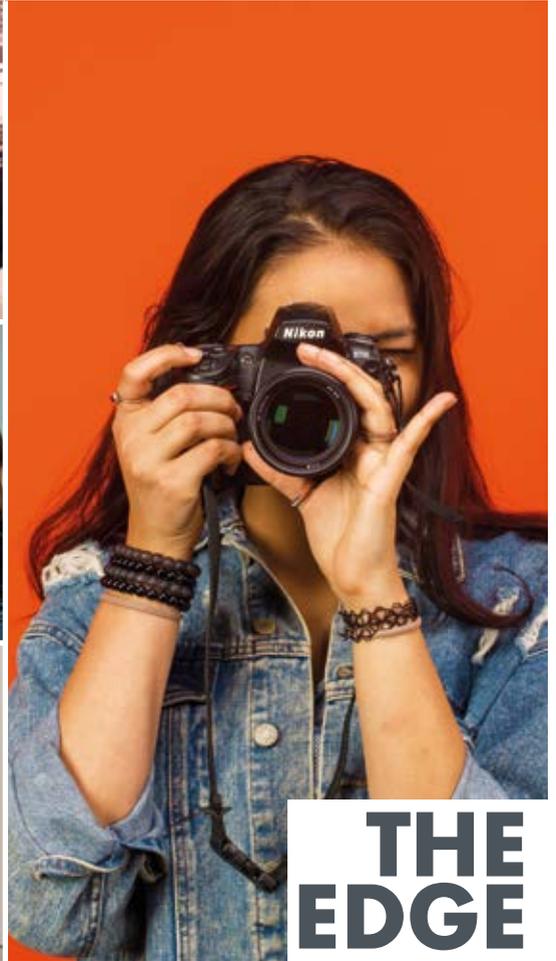
The Edge also offers a range of arts development platforms to facilitate excellence in creative ambition. We support students who are keen to develop their arts interests alongside their studies. You could receive up to £1,000 and be part of a scholar network, collaborating with like-minded peers and performing or exhibiting at our art centre and beyond. Arts scholarships, bursaries and awards are offered to support the best creative ideas and proposals.

The Edge team also work alongside the Students' Union to provide space for the creative endeavours of student societies engaged with the arts, making the most of the fantastic facilities.

From complete beginners to accomplished artists and performers, there are all sorts of ways to get involved in the arts at Bath.

- music tuition - handpicked expert tutors subsidised by the University
- music rehearsal - state-of-the-art practice rooms
- performance and exhibiting opportunities, lunchtime concerts, photo competitions and more
- dance classes - from ballet to contemporary
- life drawing lessons - inspirational art classes
- scholarships - funding and showcase opportunities
- arts societies - excellent rehearsal and performance spaces
- galleries - free exhibitions on campus
- art and research collaborations - science and arts projects to get involved with

edgearts.org



THE EDGE

“The campus always keeps me on my toes, there’s never a dull moment and always so much to do. Whether an all-nighter at the Library, hours of dancing my heart out at The Edge dance studio, or just enjoying a quiet coffee break by the lake.”

Annaika Ahuja, Management with Marketing, 3rd year



Supporting **you**



Coming to university is a big change for everyone. Exciting as this new chapter is, you may need a little help along the way to make sure the transition to university life and your new community is as smooth as possible. Built around your needs, our support is there to do just that.



“You are really well supported throughout your time here, with peer mentors, personal tutors and Student Services all helping.”

Alfie Richards, Computer Science and Mathematics, 1st year

Students' Union support schemes

Peer mentoring

Every first year student is assigned a peer mentor – a current Bath student who you can chat to about anything. They've already been through the same thing you're going through, so you'll always have someone to talk to who will understand.

thesubath.com/peer-support

Nightline

Nightline is a confidential listening, support and practical information service run by trained students, for students. You can talk to them about anything – big or small – in confidence, remaining fully anonymous. They won't judge you or tell you what to do. They will simply listen. They are open 8pm-8am every night of the semester. Their telephone number is on the back of your library card.

thesubath.com/nightline



Free hugs from the Nightline owl



“If you need some extra support, don't be afraid to use all the services available to you!”

Rachel Taylor, Modern Languages and European Studies, 4th year



Money

Managing your money for the first time can be a challenge, but we have a Student Money Advice team on hand to provide support. They offer a confidential service on all aspects of student finance, including hardship funding, budgeting and practical tips.

go.bath.ac.uk/money-21

For more information on scholarships and bursaries, see page 67.

Disability

The Disability Service provides advice and support for students with any form of disability or permanent condition. This includes:

- mobility and sensory impairments
- specific learning difficulties
- autistic spectrum conditions
- mental health difficulty
- long-term health conditions

go.bath.ac.uk/disability-service-21

Health

There is a University Medical Centre, plus a Dental Practice situated on campus, providing a wide range of NHS services. You will need to register when you arrive here.

Medical Centre:
umcbath.co.uk

Dental Centre:
bath.ac.uk/guides/join-the-dental-centre/

Counselling and Mental Health

The Counselling and Mental Health team can help you get the most out of your studies through individual and group support. All support is free and confidential and the team can cover a range of issues.

go.bath.ac.uk/counselling-mental-health-21

Wellbeing Service

Here to smooth out any bumps along the way when you start university life, our Wellbeing Advisers are on hand to help and support you. You can talk to a Wellbeing Adviser about anything – they work hard to create a safe and inclusive space. Welfare and wellbeing drop-in sessions run every day*.

go.bath.ac.uk/wellbeing-service-21

*Hours may vary during weekends and university vacation. Please visit our webpages for further information.

Care Leavers, Estranged students, Refugees, and Young Adult Carers

The Student Retention & Success team provide specialist advice, guidance and additional funding for specific cohorts of students throughout their studies. You will be provided with a named contact from the start of your course to meet regularly and help ensure you access the support and advice required. Extra financial support may also be available.

Email: studentsuccess@bath.ac.uk

Childcare

Westwood Nursery provides quality campus-based care for children aged six months to school entry age. Places are subject to availability, and applications for childcare can be made on offer of a university place. For more information about being a parent at university, please visit:

go.bath.ac.uk/guides/student-parents-21

Contact the Services Manager for further details:
Email: nursery@bath.ac.uk
Tel: +44 (0)1225 386518

Faith

The University Ecumenical Chaplaincy Centre welcomes those of all faiths and no faith, with a Chaplain on call for students every weekday. We have a Muslim prayer room on campus with washing facilities.

go.bath.ac.uk/chaplaincy-21



go.bath.ac.uk/student-stories-21

Student stories



It was the first time in my life that I had been 6,000 miles from home with a 7-hour time difference

Ee Hooi Lee

from Malaysia

I was very homesick for the first few months of my first year. It was the first time in my life that I had been 6,000 miles from home with a 7-hour time difference. Fortunately, as I got to know my housemates and after joining clubs and societies my homesickness did not last long.

Always dreaming of exploring the amazing places in the UK & Europe, I took up a part-time job. Not only did it make good use of my spare time, as I developed many new life skills, but it also gave me the chance to earn some money to fund my adventures and expenses at university.

Being in an unfamiliar place may sound daunting at first, but you will have amazing experiences. You have so much freedom as a university student, so make the most of the time whilst you have the opportunity!

“As an international student, I had lots of questions on visas and entry requirements and the Admissions team were always on hand to help.”

Daniel Casares-Lauritsen,
Management, 3rd year



Getting into **Bath**

We welcome applications from students of all nationalities, ages and backgrounds.

Our Admissions team is on hand to guide you through the application process and help with any questions.

Your application

Here at Bath, admissions decisions are made by a team of dedicated Admissions Selectors, whose job is to make fair and consistent decisions, reading and assessing each application in full. We consider all aspects of your UCAS application and every decision is reviewed by at least two members of our team before it is confirmed. You can get in touch with us at any time if you have any questions about applying to Bath or your application.

Interviews

We do not normally interview as part of our admissions process. However, we will interview where we need to assess suitability for a particular profession (such as Addictions Counselling, Pharmacy or Social Work courses) or if you are taking certain qualifications that are difficult to assess on a UCAS application alone (such as Access to HE Diplomas and BTECs for some of our courses). If you are applying for our Sports Performance course, you may also be invited to a trial as part of your application. For more information about interviews at Bath, we recommend you head online:

go.bath.ac.uk/interviews-21

Your personal statement

Your personal statement is your time to shine. It's an important opportunity for you to let us know more about you and why you have chosen your course of study. Our team of Admissions Selectors will read your personal statement in detail, and it is important that you demonstrate to us both why you are interested in your course as well as the skills, knowledge and experiences you have gained to help you to succeed. We recommend that you write in detail and reflect on your experiences to tell us what you have learnt, what you found particularly interesting, and how this relates to your interest in the course.

For full details on what we are looking for in your personal statement, we recommend you head online:

go.bath.ac.uk/personal-statements-21

Your experience

We know that the opportunities available to you during your school career may be different from other students and your particular circumstances are important to us. As part of looking at each application as a whole, we not only consider your personal statement and predicted grades, but also the environment in which you have been studying and the other qualities and experiences you have which will benefit you as a student.

Mitigating circumstances

You may have experienced circumstances outside of your control that have affected (or may go on to affect) your academic achievements, be they personal, health-related or issues affecting your schooling. We always want to do our best to account for your individual circumstances, but can only do so if we are kept informed and aware. Should you apply, we would therefore strongly encourage you to get in touch using our dedicated mitigating circumstances form so we can support you. There is no reason not to tell us – we treat information we receive confidentially and declaring mitigating circumstances will never harm your application.

go.bath.ac.uk/mitigating-circumstances-21

Mature students

We welcome applications from mature students and value the additional life experiences and qualities you can bring to our courses. We want to ensure every student who joins us is prepared for full-time study, and therefore as a guide, we are looking for you to have completed some relevant academic study within the three years before starting your degree with us. You can find full information about applying and studying as a mature student online:

go.bath.ac.uk/break-from-education-21

Joining university under age 18

If you are under 18 when your course starts, the University will not have parental responsibility for you. Your parents or guardians will also need to complete additional forms, which you must return as part of the application process.

Gap years

We are happy to accept deferred applications, except for our Social Work and Addictions Counselling courses. This means that you can apply to enter following a gap year, or ask to defer your place after you have applied if your circumstances change. Whether you choose a gap year and what you do with it should be up to you – we will not ask you to justify why you are choosing to take one.

Your qualifications

The course pages in this prospectus include the details of our typical offer for students studying A levels or the International Baccalaureate Diploma (whether you study them in the UK or abroad). However, you may be studying many other qualifications that we can consider. We can also consider you if you are studying a combination of accepted qualifications, for example, a combination of A level and BTEC study.

Examples of UK qualifications we commonly accept include:

- Access to HE Diploma
- BTEC or Cambridge Technical Level 3 qualifications
- Cambridge Pre-Us
- International Foundation Year Programmes
- Scottish Highers and Advanced Highers

We accept many qualifications studied internationally, including:

- Advance Placements (APs)
- European Baccalaureate
- French Baccalaureate (including the OIB)
- German Abitur
- Hong Kong Diplomas of Secondary Education
- Indian Higher Secondary School Certificate (12th Standard)
- Malaysian STPM
- Singapore A levels
- Spanish Titulo de Bachiller
- Turkish Lise Bitirme Diploması

Typical offers for all of these qualifications (and many others) are on our website, where you can find out what we might be expecting for your chosen course:

go.bath.ac.uk/ug2021

If we do not publish a typical offer for your qualifications that does not necessarily mean that we will not accept it. In all cases, please contact our Admissions team for more information: admissions@bath.ac.uk.



English Language entry requirements

Every student has to meet the English language requirement for their chosen course. To make things easier for you, we have grouped our courses into three categories based on the required English level, summarised in the below table. More accepted qualifications and further information are available on our course pages:

go.bath.ac.uk/ug2021

We generally only accept an English language qualification if you have completed it within 30 months of starting your degree (or 24 months for tests with an expiry date, such as IELTS, TOEFL IBT and Pearson PTE Academic).

	GCSE or IGCSE	IELTS	TOEFL IBT	Pearson PTE Academic	IB Diploma
Category A	6 or B	7.0 with 6.5 in all components	100 overall with 24 in each component	69 with 62 in each element	A pass in the IB Diploma including English taken at Standard or Higher Level
Category B	4 or C	7.0 with 6.5 in each component	100 overall with 24 in each component	69 with 62 in each element	
Category C	4 or C	6.5 with 6.0 in each component	90 overall with 21 in each component	62 with 59 in each element	



How we consider your UCAS application

Having a diverse student population is very important to us and we aim to select students with the greatest potential to succeed in our degree courses, regardless of background and circumstances.

Contextual admissions

We know that the context in which you are studying can have an impact on the grades you achieve and on the availability of other experiences such as extra-curricular activities or work experience. We also want to make sure there are more opportunities for students from backgrounds which are under-represented in university life.

To make sure that we take these things into account when we make admissions decisions, we look at a range of contextual data alongside the information provided in your UCAS application. This helps to give us a more accurate indication of your potential to excel in your chosen degree and helps to make sure that all applicants have fair opportunities throughout our admissions process.

Our process

Your application will first be considered against our admissions criteria, using aspects such as your GCSEs, the subjects you are studying, personal statement and predicted grades. If your application is strong enough you will receive an offer on that basis, regardless of your circumstances.

Otherwise, we have our dedicated Admissions Progression team, who aim to make sure that we carefully consider the information about your background and circumstances before deciding on your application. They will make sure we consider each aspect in context. This makes our contextual admissions process as thorough and as tailored to you as possible: we focus on your potential.

This process doesn't stop when you receive an offer. If you choose Bath as one of your final choices but miss your offer, we may still be able to consider you for a place. We will look again at contextual factors, and where appropriate, our Progression team will strongly prioritise you for any places we have.

You can find full information about the contextual data we use and how it may apply to you online:

go.bath.ac.uk/contextual-admissions-21

Predicted grades

Our typical offers give the standards we are looking for in your final grades. However, we know that predicted grades are only one part of your story, and you do not need to be predicted to meet our offer to receive one. We will always consider the full merits of your application if you are predicted in the region of our requirements.

Alternative offers for A level and Cambridge Pre-U students

At Bath, we always aspire to admit students with the greatest potential to succeed on our courses. We also know that success is individual so our approach to offers reflects this.

We only ever require three A-levels (or principal subjects) for our courses. However, your extra studies (such as an EPQ or Core Maths) are recognised in our alternative offers. If you are studying a recognised 'extra' course or qualification, you may be eligible for an alternative offer that is one grade lower than our typical offer (e.g. AAB instead of AAA). These alternative offers require high achievement in the relevant 'extra' and are made alongside our typical offer.



Project qualifications	Maths skills	Widening Access schemes
<p>An individual project helps you develop valuable skills in independent research and study, time management and extended writing, which are excellent experiences for all our degrees.</p> <p>Projects which count as extras include:</p> <ul style="list-style-type: none"> Extended Project Qualification (EPQ) Welsh Baccalaureate Skills Challenge Certificate International Project Qualification (IPQ) Cambridge Pre-U Global Perspectives 	<p>How much maths you need to study varies for our degrees, from none at all to two A levels. Regardless, extra maths study beyond our entry requirements is beneficial in building your analytic skills and confidence to succeed in the modern world.</p> <p>Extras for degrees not requiring Maths A level:</p> <ul style="list-style-type: none"> Core Maths AS level Maths or Statistics <p>Extras for degrees requiring Maths A level:</p> <ul style="list-style-type: none"> A level (as a fourth subject) or AS level Further Maths <p>Extras for degrees in Mathematics or Statistics:</p> <ul style="list-style-type: none"> STEP, MAT or Test of Mathematics for University Admissions (TMUA) exams 	<p>As a university we offer a range of schemes designed to equip you with the skills to succeed in progressing to study a degree, whatever your background or previous experiences. Successful participation and completion of these schemes also counts as extra study for our alternative offers.</p> <p>Schemes include:</p> <ul style="list-style-type: none"> On Track to Bath Our local curriculum enhancement programme Pathway to Bath Our online curriculum enhancement programme Discover Bath Residentials Our summer school opportunities for year 12 students <p>More details on these schemes and how to take part are available online: go.to.bath.ac.uk/widening-access-21</p>

You can find full information about our alternative offers online:

go.bath.ac.uk/alternative-offers-21

Funding your studies

Getting a university degree is a good investment for your future. We want to ensure that you have all the information you need so you can manage your finances throughout your time at university.

Tuition fees

All students pay annual fees covering tuition and standard examination costs*. Details of any additional, course-specific costs are provided on individual course pages online. Fees for the 2020/21 academic year provide a guide to future fee levels but can change over time, and may increase on an annual basis. The most recent information will be on our website.

go.bath.ac.uk/ug-fees-21

Tuition Fees 2020 entry

Home/EU/Islands students

Campus-based courses	£9,250
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FdSc Addictions Counselling	£7,710
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Overseas students

Humanities and Social Sciences	£18,000
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with the exception of:
BSc/MSc Sport and Exercise Science;
BSc Economics;
BSc Economics and Mathematics;
BSc Economics and Politics

Economics (and related) and School of Management courses	£20,000
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including:
BSc International Management and Modern Languages;
BSc Economics;
BSc Economics and Mathematics;
BSc Economics and Politics

All Science, Engineering, Department of Health and Psychology courses	£22,300
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including:
BSc/MSci Sport and Exercise Science;
BSc/MSci Psychology

For details of overseas fees for FdSc Addictions Counselling, please contact admissions@bath.ac.uk

*Re-examination fees are paid separately.



Home fees

Home fees are regulated by the UK Government and are liable to increase annually with inflation. We expect to charge the maximum fee permitted for each year of study. EU/Islands undergraduate fees for students commencing study in, or prior to, 2020/21 will be the same as the UK undergraduate fee for the duration of their course. The UK Government has not yet issued guidance on the ongoing fee status of EU students entering UK Higher Education in 2021/22.

Overseas fees

Overseas fees usually increase by up to 5% for each additional year of study. We will not increase your fees by more than this percentage, so you may want to consider budgeting for this increase to make sure you can afford each year of study. The amount will be updated online by December for the following academic year.

Placement and study abroad fees

During a placement or study abroad year, you will pay a reduced fee. For Home and Islands undergraduates, these are currently capped by the Government at either 20% of the full-time fee for work placements or 15% for study abroad, or if the placements are part of the Erasmus+ scheme. Islands students are charged the same fees as Home students. Home and Islands students on BBA and Architecture courses, where the placement 'year' is divided across two years, will usually pay the full fee in Year 2 of the course, and the reduced fee in Year 3.

Overseas students pay a fee, which is different depending on the type of placement and/or their course. Overseas students on BBA and Architecture courses, where the placement 'year' is divided across two years, will pay pro-rata fees over the two placement years.

Where a course offers a shorter optional, additional placement or study abroad period, usually in Year 4, this is not classed as a placement year for fees purposes and is subject to full fees.



Loans and grants

UK students

Government support for UK students varies between UK nations. Tuition fee loans are available to students across the UK. If you are eligible, this means you don't have to pay tuition costs up front, but will be expected to pay through your salary after you finish your studies. UK students can also normally access maintenance support for help whilst studying. This can be in the form of loans or grants, depending on where you live.

For information on Government loans or grants and other targeted support, it's always best to look at the information which applies to you. Each of the UK nations publishes this information on their relevant student finance website.

Islands students

Support for Islands students is provided by your local government authority. You should consult your relevant website to find out what's available to you, and how to apply.

Overseas students

Overseas students are not normally eligible for financial support from the UK Government. You will need to make sure you have sufficient resources to cover your tuition costs and living expenses whilst here. For more information, the UK Council for International Student Affairs provides advice on fees, funding and student support for international students.

ukcisa.org.uk

Financial support

We want our students to have the motivation and means to succeed. Every year, we provide additional financial support to hundreds of students.

Scholarships and bursaries

Our awards are reviewed annually and new scholarships may become available.

The Bath Bursary

£3,000 per year of study (except paid placement years) for UK students with a household income of £25,000 or below, meeting a range of eligibility criteria.

The Gold Scholarship Programme

Established to commemorate our 50th Anniversary, this exciting programme offers up to 50 students a £5,000 bursary per year of study (except paid placement years), alongside activities to enhance their Bath experience and boost career aspirations.

Activities include:

- 50 hours annually of volunteering/fundraising/outreach
- mentoring programme
- personal development, networking and skills training
- support with placements and internships
- access to pastoral support networks

Students eligible for the Bath Bursary can apply for this programme before starting their course.

Sports scholarships

Reflecting Bath's sporting ethos, these scholarships support exceptional athletes to reach their full potential.

Arts scholarships

A scholarship to cover the cost of arts tuition or support students with artistic talent, be that in music, performance, visual arts or technical services.

Corporate scholarships

These awards, sponsored by leading global organisations, are worth up to £3,000 per year. Current partners include Lloyds, AB InBev, and JP Morgan.

For the latest information and eligibility criteria, visit:

go.bath.ac.uk/student-funding-21

International Scholarships and Awards

First year tuition fee waivers worth up to £8,000 are available to overseas students achieving academic excellence in their studies. No application is required and all awards are automatic upon confirmation of examination results.

International Baccalaureate 50th Anniversary Scholarship

These awards recognise those who have achieved academic excellence in their International Baccalaureate (IB) studies.

IB grades of 44 points or higher will receive a first year fee waiver of £6,000

IB grades of 43 points or higher will receive a first year fee waiver of £3,000

IB grades of 42 points or higher will receive a first year fee waiver of £1,500

Chancellor's Scholarship

These awards recognise those who have achieved academic excellence in their A Levels or equivalent.

A Level grades of A*A*A* or equivalent will receive a first year fee waiver of £2,000

A Level grades of A*A*A or equivalent will receive a first year fee waiver of £1,000

The Doctor Shakuntala Gokhale Award

The Doctor Shakuntala Gokhale Award offers one award aimed at an academically gifted student from India. If successful, you will receive £1,400 in your first year of study only paid in three instalments.

For the latest information and eligibility criteria, visit:

go.bath.ac.uk/student-funding-21

Additional support

We provide additional support and funding including interest free short-term loans for managing any temporary cash flow issues alongside hardship funding for more significant challenges, such as unexpected additional costs or changes in family circumstances. Our advisors can also help you make new financial plans.

We welcome students from all backgrounds, including young carers, refugees, and those who are care leavers, from Foyers, or estranged from their parents. We provide students in these circumstances with a key contact offering advice and guidance on a range of topics, including accommodation, careers, academic skills, wellbeing, and support available from external organisations.



Part-time work

Working part-time during your studies is a great way to earn extra money and can be really useful for future employment, so it's worth exploring the options available in Bath. If you're moving here to study but already have a job with a large organisation, you could also see if it's possible to transfer to a nearby branch.

The University employs over 2,000 students in a variety of roles, from keeping our campus running as bar, café or shop staff, to supporting other young people to make an informed decision about their future as a student ambassador. Get a sense of what's available at JobLink:

thesubath.com/joblink

Student stories

Sherifat

from East London



Getting onto the Gold Scholarship Programme felt incredible. I knew that I wouldn't have so many financial issues

I'm from East London. The area I grew up in can be regarded as rough, I guess, but I've always really loved it. I was raised by a single mother and because of that, and the fact that I had two autistic brothers, I had to bear some carer responsibilities.

I go home monthly. My mum's been able to adapt to me not being there, but also knows that I'm there whenever she needs me. It's impacted not only me but my whole family.

Before moving to Bath, I thought it wouldn't be very diverse, however, it's proved me wrong and it's really, really homely and welcoming and accepting. There is a strong sense of community at the University and on campus.

The support system on the scholarship programme has been very, very important to me. I have a mentor and she's amazing. The Gold Scholarship Programme involved things that I'd already done, like volunteering, alongside my studies. Volunteering does enrich my life by teaching me new skills as well as strengthening the ones I already have.

I see many things for my future. I see me growing into myself further, becoming even more independent, discovering who I want to be as a career woman, going into finance as a black woman studying economics, and having other people follow my path.

go.bath.ac.uk/sherifat-story-21

International students

Helping you settle in to our global community



Before you leave for Bath

Starting university is a big step for anyone, and moving to a new country at the same time is an even bigger one. That's why our Student Services team is here to support you along the way.

We will communicate with you regularly to help you plan for your journey to Bath. We also suggest that you contact the British Embassy or High Commission/Consulate in your own country for advice on entry to the UK as a student.

Our community is made up of staff and students from all over the world. Over 100 nationalities are represented among our 3,500 international students and we embrace the diversity and multiculturalism that our international students bring to Bath.



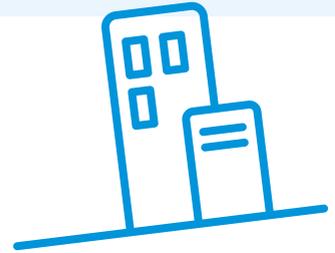
Tier 4 visas

Many of our international students live outside the EEA and so will require a Tier 4 visa to study in the UK. We currently have around 2,800 Tier 4 students at the University of Bath. Our Student Immigration Service is here to advise on all aspects of your visa application and to support you when you are here. We also offer daily drop-in sessions for immigration advice and Tier 4 visa extension appointments.



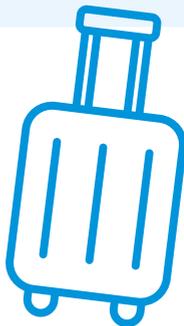
Accommodation

All students, UK and non-UK, will need to submit an online application for accommodation once they have accepted an offer to study at the University. There are several accommodation options to suit different needs and budgets, and more information can be found on page 22.



Extra support when you arrive

Our international students can expect a helping hand on arrival: we can collect you by bus from London Heathrow Airport and help you settle into your new accommodation. We organise a welcome programme of events for our international students, including information sessions, tours of the campus and city, and social events. You can also speak to an adviser in person at one of our daily drop-in advice sessions in the Student Services Centre, the Roper Centre.



Get involved

We encourage all our students to get involved with activities outside of their lectures. Joining a society, a sports club or becoming a community volunteer are great ways to meet new friends, familiarise yourself with UK culture, develop your skills, and improve your conversational English.

International Foundation Year

Our International Foundation Year (IFY) is a one-year course preparing you for entry onto your chosen degree at the University of Bath.

From September to June, you will study at our partner organisation, Bath College in the city centre. Provided that you achieve the progression grades in the required subjects, you will then move on to the first year of your chosen undergraduate degree the following September.

If you achieve the required grades, and show academic excellence, you'll not only get a guaranteed place at the University of Bath but you could also be eligible for one of the University's International Foundation Year Progressing Student Scholarships.

“I’m so pleased I did a Foundation Year course before University. The International Foundation Year gave me my first taste of university life, empowering me with the necessary skills and knowledge to succeed.”

Sofya Morozova, Management with Marketing, 3rd year

Read Sofya’s blog to find out more:
go.bath.ac.uk/sofya-blog-21





“Many of my Foundation Year friends came to Bath, so I had a head start by already having a group of friends as I started my first year.”

Sukritpong Pakdeerat (Mick)

Mick is from Thailand and is now in his 4th year of studying Biochemistry

What do I need to get on the course?

The IFY is for international students whose qualifications are not appropriate for direct entry, provided you have the required standard of English language (required for visa regulations). You will need a minimum IELTS score of 5.5, with at least 5.0 in testing each component. Those wishing to target a School of Management degree at the University of Bath require a minimum IELTS score of 6.0, with at least 5.5 in each testing component.

What will I study?

You will study three of the following academic subjects, depending on your chosen progression degree: Biology, Business, Chemistry, Economics, English for Academic Purposes, Mathematics, Physics and Social Science.

How much contact time is there and how am I assessed?

There is an induction week at the start of the programme, then 30 weeks of taught classes and two exam weeks. There are 21 timetabled hours each week with time set aside for independent study too. You will also have an induction at the University and during the year attend events on campus organised especially for IFY students to support your progression to the University.

Typical assessment methods will include coursework, written examination, practical work, and oral assessment. Typical delivery methods will consist of lectures, tutorials, laboratory sessions, and online resources.

78%

Students progressing in 2018/19



How do I apply?

Applications are made directly to Bath College (you do not need to apply through UCAS).

More information on how to apply, course costs and the International Foundation Year Progressing Student Scholarships, can be found at:

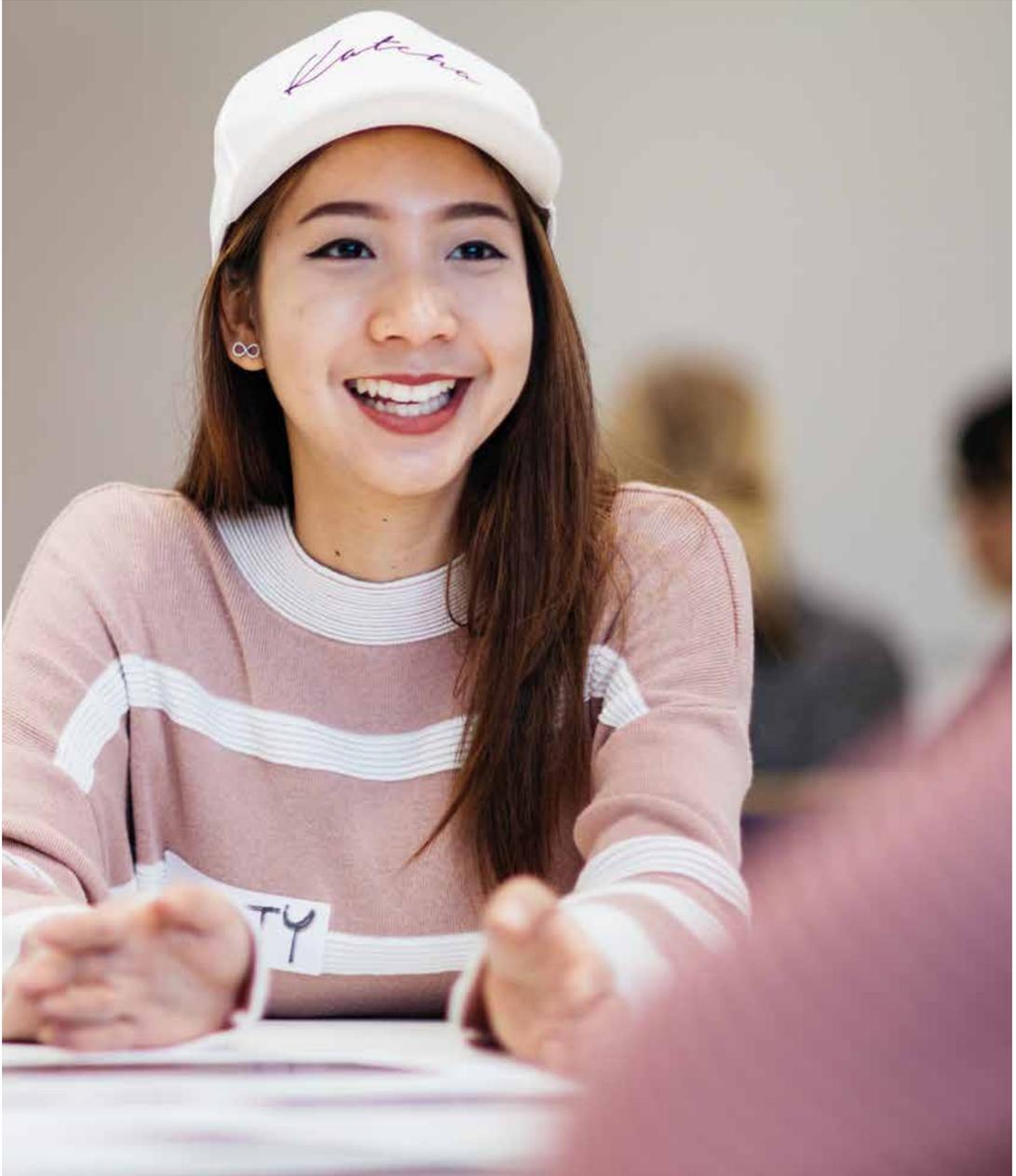
bathfoundationyear.com

Course finder



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Civil and Architectural Engineering	105	Physics	166
Civil Engineering	106	Physics with Astrophysics	167
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Accounting and finance



Accounting and finance combines the study of financial systems with the measurement and communication of this information.

Develop your analytical skills, learn to understand financial systems and explore other business areas you're interested in. If you choose a four-year course, you'll be able to apply your skills in a practical business environment with a placement year. You will gain a distinct advantage in the graduate job market with this valuable experience. In 2018-19, the School of Management placed students with over 260 companies of all sizes across all business sectors.

Building for the future

The University is investing in a new School of Management building, set to open in 2021.

The latest technology will give you a flexible and modern learning environment. The design focuses on working together, with an open layout to enable effective teamwork.

Our new building will encourage engagement with other students and academics. A dedicated Employment Hub will provide a space for you to meet and network with our industry partners.

Study in an enriched learning environment

Alongside teaching, our academics carry out research in accounting, finance and law. This ensures that you'll learn about the latest developments in these areas. You'll be taught by experts in a range of subjects like finance, accounting, business, management and economics.

Prepare for your future

90% of our Accounting and Finance (four-year) graduates are employed or studying within six months of finishing the course. 100% of those working are in a professional or managerial job. The average graduate salary six months after the course is £28,000 (Unistats, 2019).

Recent employers include Deloitte, Deutsche Bank, Goldman Sachs, KPMG, PwC and Royal Bank of Scotland.

Professional accreditation

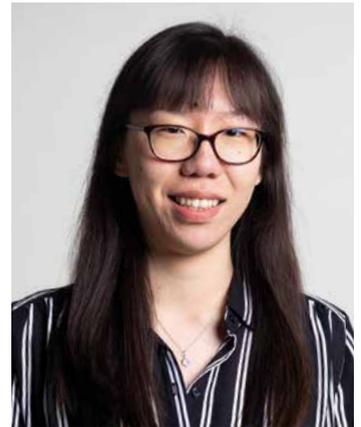
Our graduates can apply for professional qualification exemptions from:

- the Association of Chartered Certified Accountants (ACCA)
- the Chartered Institute of Management Accountants (CIMA)
- the Institute of Chartered Accountants in England and Wales (ICAEW)

5th for Accounting and Finance in the *Guardian University Guide 2020*

Top 10 for Accounting and Finance in the *Complete University Guide 2020*

Top 10 for Accounting and Finance in *The Times and Sunday Times University Guide 2020*



“I was originally interested in Bath because of its high rankings. I attended an open day and enjoyed seeing how friendly and enthusiastic the staff and students were. The course is very versatile. I've had the chance to learn more about myself and choose topics that I enjoy. There are so many optional units to choose from so it's very easy to tailor the course to prepare you for your future career.”

Joanna Chen,
BSc Accounting and Finance
(graduated 2019)

Accounting and Finance

NN34 BSc (Hons) Three years
 NN43 BSc (Hons) Four years with placement year

Entry requirements

Typical offer: AAA or A*AB

GCSE

6 or B in English Language or Literature (or equivalent from category A – see page 61).

A level

AAA or A*AB including A in Mathematics.

International Baccalaureate

36 points and 6, 6, 6 or 7, 6, 5 in three Higher Level subjects including 6 in either HL Mathematics.

We can accept 7 in SL Mathematics: Analysis and Approaches if you are not studying HL Mathematics.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

For more information about this course visit:
go.bath.ac.uk/acc-fin-21

Gain a solid grounding in core management areas. You'll develop the knowledge and skills needed to open career opportunities in accounting, finance and a range of other sectors.

Accounting and finance professionals are important to almost all functions of business. Learn to use your numerical abilities in a practical way.

You'll be able to choose from a wide range of optional units, letting you explore other areas of interest.

If you choose the four-year option, your placement will let you apply your skills and knowledge in a real working environment. Placements are usually paid. Our dedicated and experienced Placement Team will support you all the way.

Year 1

Your first year includes fundamentals in accounting, finance and economics. You will also develop your skills in topics like law, maths, statistics and computing.

Year 2

Build on Year 1 with more advanced core accounting and finance units. You'll also study company law and choose from a range of options in business subjects.

Placement year

Apply your skills and knowledge on a placement year (four-year course only). You'll gain a competitive advantage in the job market with this valuable experience. Recent employers include Morgan Stanley, PwC and Opus Corporate Finance.

Final year

Optional units will allow you to continue to specialise in accounting and finance and pursue interests in other business areas. You can also apply for our International Academic Exchange programme. You'll gain international exposure by spending a semester studying abroad at a partner business school.

Architecture



Architecture is the practice of designing buildings, places and spaces. Architects use science, art and technology to create the built environment.

1st for architecture in The Times and the Sunday Times Good University Guide 2020

1st for architecture in the Complete University Guide 2020

Ranked 1st

Architecture has been ranked first in at least one of the national league tables for the past 11 years.¹

Contemporary architecture integrates environmental and sustainable design principles with advanced technologies to produce innovative and beautiful buildings. You'll develop your design skills and learn how cultural, historical and socio-economic factors inform design decisions through complex design challenges. Our unique course at Bath is fully prescribed and validated by the ARB and RIBA, giving you the educational basis and professional experience you need to complete the first step toward becoming a qualified Architect.

Gain professional experience

Our course is unique in integrating two placements in the second semesters of year 2 and year 3. You'll apply your studies in a practical context and use your placement experience to improve the architectural skills you'll use later in your course. Our students benefit from work experience gained in many of the leading architectural practices in the UK and other countries.

Study in an enriched learning environment

You'll learn from academics with expertise in architecture and the built environment, including innovative materials and sustainable design. Their international collaborations and research activities feed into undergraduate teaching and contribute to your learning experience.

Use specialist facilities

Our facilities are central to your study experience. Our 4 East South building houses purpose-built research and teaching space for our architecture students. You'll have 24/7 access to design studios that support your architectural work in drawing and modelling.

Prepare for your future

A degree at Bath can open up a variety of career opportunities to you. The high standard of creative and analytical skills, and training you graduate with will equip you to work in a range of industries.



“Both the opportunity to work with civil engineering students and the integrated placements attracted me to the course. These have both been enjoyable and have helped me prepare for a career in architecture.”

Joseph Withers,
BSc (Hons) Architecture

¹ Based on the Complete University Guide, The Times Good University Guide, The Sunday Times 2009-2020

Architecture

K100 BSc (Hons) Four years including placements

Combine academic study with placement experience to develop the fundamental skills needed to professionally qualify as an Architect.

Our course gives you the practical and creative skills you need to explore, analyse and communicate architectural proposals. You'll combine project work in design studios and studies in history, theory and the science of architecture with practical experience gained in practice. Through integrating all aspects of architecture, you'll learn how to successfully control, compose and construct internal spaces and external forms.

Your academic studies in architecture combined with professional experience gained on placement will provide a strong foundation to your career as an Architect.

Year 1

You'll carry out work in design studios, and study topics such as building environment, vernacular architecture, structures, detailed design, twentieth-century Western architecture and design, practice, management and law and computer-aided design.

Year 2

You'll continue developing your skills in design studios and study topics such as structural and detailed design, environmental design, digital illustration, and history of Western architecture. You'll go on a professional placement in the second semester.

Year 3

You'll apply your knowledge in design studios and study areas such as urban studies, classicism and the foundation of modern design theory. You'll also go on a professional placement in your second semester.

Final year

Develop your skills in design through a major group design project in your first semester. Carry out a comprehensive individual design project in your second semester for a building designed in response to your own brief. You'll also study topics such as issues in contemporary architecture, and practice, management and law.

Entry requirements

Typical offer: A*AA

GCSE

6 or B in English Language or Literature (or equivalent from category A – see page 61).

A level

A*AA in three A levels.

We prefer applicants who have studied a combination of relevant subjects at A level including either Mathematics or Physics and either Art or Design.

International Baccalaureate

36 points and 7, 6, 6, in three Higher Level subjects.

We prefer applicants who have studied a combination of relevant subjects at Higher Level including Visual Arts and either Physics or any HL Mathematics. We can consider these subjects at Standard Level if you do not study them at Higher Level.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

Professional accreditation

This course is currently prescribed by the Architects Registration Board (ARB), subject to period review, for the purposes of entry on to the United Kingdom Register of Architects. This course is fully validated by the Royal Institute for British Architects (RIBA) for the purposes of RIBA membership.

For more information about this course visit: go.bath.ac.uk/arch-21

Biosciences



Biosciences is the study of life, from ecosystems and populations to the molecular components. It's a subject that has a significant impact on our daily lives

Modern biosciences integrates knowledge and understanding of life over a range of scales and perspectives; from evolution, biodiversity and ecology through to genetics, biochemistry and molecular biology. You'll study a broad introduction to the biosciences and develop skills to generate, analyse and interpret experimental data, drawing conclusions and asking questions about areas of uncertainty and future research.

Options in specialist areas provide opportunities to tailor your degree, as well as develop transferable skills for a wide range of careers.

Gain professional work experience

Going on placement gives you the chance to apply what you've learnt at university to a year working professionally. It'll broaden your experience and transferable skills, and could improve your career prospects. Recent employers include Cancer Research UK, GSK, Public Health England, Lonza, Genesys, L'Oréal and LifeArc.

Put your learning into practice

Alongside teaching, our academics carry out research, from cell and molecular biology, microbiology, neurobiology to evolutionary and plant biology. You'll contribute to this research and learn how biosciences is applied to real-world problems when you work on your own research project.

Use specialist facilities

You'll gain hands-on experience of practical scientific techniques in our well-equipped undergraduate teaching labs. You'll also have access to our world class research labs, computer lab for bioinformatics and a broad range of biological materials.

Prepare for your future

You'll graduate with the knowledge and skills for work in a variety of areas, such as the pharmaceutical and biotechnology industries, environment and education. You could also go on to further study, such as a master's or PhD, or alternative careers, such as business, management and marketing.

1st for employment after six months for biosciences in the **Guardian University Guide 2020**

91% student satisfaction for Biology & Biochemistry in the **National Student Survey 2019**

Top 10 for biological sciences in the **Complete University Guide 2020**



“The workload in the first year was really manageable. Lab sessions could be a few hours long, or sometimes all day or a whole week, depending on what we were learning.”

Rosie Brown,
BSc Biomedical Sciences
including placement year

Biochemistry

- C700 BSc (Hons) Three years
 C703 BSc (Hons) Four years including placement year
 C704 MBiochem (Hons) Four years
 C705 MBiochem (Hons) Five years including placement year

Entry requirements

Typical offer: AAB

GCSE

4 or C in Mathematics and 4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

AAB including A in Biology and Chemistry.

International Baccalaureate

36 points and 6, 6, 5 in three Higher Level subjects including 6 in Biology and Chemistry.

We can accept 7 in SL Biology if you are not studying HL Biology.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

Professional accreditation

This course is accredited by the Royal Society of Biology.

For more information about this course visit:

go.bath.ac.uk/bio-21

Develop a broad knowledge of life processes at a molecular level, and skills that lead to a range of careers in the molecular biosciences and beyond.

Combine your interests in biology and chemistry to study life at the molecular level. Our course will give you the knowledge and skills to understand and solve current and future biological challenges.

You'll gain a broad introduction to biochemistry and molecular biology, enhanced by practical and bioinformatics skills in the laboratory. Options will allow you to specialise in areas such as developmental biology, genomics, neuroscience, cancer biology and microbiology.

Year 1

You'll develop your knowledge of biochemistry, cell and molecular biology, genetics and chemistry supported by practical and tutorial work.

Year 2

Build your knowledge and further develop your skills in core biochemistry areas, proteins and cell signalling. You'll also study a range of specialist units that reflect modern biochemistry, such as infection and immunity, genomics, neuroscience and plant physiology.

Optional placement year

You can apply for this course with a placement, giving you the opportunity to put your skills and knowledge into practice with a year's valuable work experience. Recent employers include Cancer Research UK, GlaxoSmithKline and Public Health England.

Final year BSc

You'll carry out a research project alongside our scientists and explore specialist areas, such as biotechnology, neuroscience and protein structure, with opportunities to refine your professional skills.

Additional areas of study on the MBiochem course

You'll carry out an extended research project, fully immersing you in the Department's diverse research environment. There will be opportunities to analyse ground-breaking topics relevant to your interests.

Biology

- C100 BSc (Hons) Three years
 C111 BSc (Hons) Four years including placement year
 C101 MBIol (Hons) Four years
 C102 MBIol (Hons) Five years including placement year

Develop a broad knowledge of biological systems, and skills that lead to a range of careers in the biosciences and beyond.

Of all our biosciences courses, biology offers the broadest range of subjects. You'll gain a wide range of skills and knowledge by learning about life on Earth across all levels. This will give you a broad foundation in biology in areas such as paleontology, ecology, biodiversity, genetics, evolution, cell biology and microbiology.

You'll have the opportunity to remain broad throughout the course or focus in areas that interest you most.

Year 1

You'll develop your knowledge across the breadth of biology including cell and molecular biology, genetics, biodiversity, ecology and evolution, supported by practical and tutorial work.

Year 2

Build on your knowledge and further develop your skills by choosing units that reflect the foundations of current biology. Examples include genomics, plant signalling, the dynamic cell, mathematical biology, neuroscience and microbiology.

Optional placement year

You can apply for this course with a placement, giving you the opportunity to put your skills and knowledge into practice with a year's valuable work experience. Recent employers include Lilly, Field Studies Council and Royal Botanic Gardens Kew.

Final year BSc

You'll carry out a research project alongside our scientists and explore specialist areas, such as evolution, cell biology and plant sciences, with opportunities to refine your professional skills.

Additional areas of study on the MBIol course

You'll carry out an extended research project, fully immersing you in the Department's diverse research environment. There will be opportunities to analyse ground-breaking topics relevant to your interests.

Entry requirements

Typical offer: AAB

GCSE

4 or C in Mathematics and 4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

AAB including A in Biology and a second science or mathematics subject.

International Baccalaureate

36 points and 6, 6, 5 in three Higher Level subjects including 6 in Biology and a second science or mathematics subject.

We can accept 7 in SL Biology, SL Mathematics: Analysis and Approaches or another Standard Level science if you are studying only one Higher Level maths or science subject.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

Professional accreditation

This course is accredited by the Royal Society of Biology.

For more information about this course visit:
go.bath.ac.uk/bio-21

Biomedical Sciences

55TG BSc (Hons) Three years
 1JKI BSc (Hons) Four years including placement year
 B900 MBiomed (Hons) Four years
 B911 MBiomed (Hons) Five years including placement year

Entry requirements

Typical offer: AAA or A*AB

GCSE

4 or C in Mathematics and 4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

AAA or A*AB including A in Biology and Chemistry.

International Baccalaureate

36 points and 6, 6, 6 or 7, 6, 5 in three Higher Level subjects including 6 in Biology and Chemistry.

We can accept 7 in SL Biology if you are not studying HL Biology.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

Professional accreditation

This course is accredited by the Royal Society of Biology.

For more information about this course visit:

go.bath.ac.uk/bio-21

Develop a broad knowledge of the biomedical sciences from a research perspective, and skills that lead to a range of careers in biomedical research and beyond.

This course will prepare you to tackle global health challenges, such as antibiotic resistance, cancer and Parkinson's Disease.

You'll study a broad range of units on human health and the causes, prevention, diagnosis and treatment of disease. Topics include genetics, genomics, human physiology, cancer, pathology, infection and immunity, molecular and cellular biology, biochemistry and pharmacology. You'll also develop scientific and experimental skills, preparing you for work as a scientist in biomedical research.

Year 1

You'll develop your knowledge of biochemistry, cell and molecular biology, genetics and human physiology supported by practical and tutorial work.

Year 2

Build your knowledge and further develop your skills in biomedical areas and in a range of specialist units that reflect modern biomedical sciences, such as microbiology, pharmacology and neuroscience.

Optional placement year

You can apply for this course with a placement, giving you the opportunity to put your skills and knowledge into practice with a year's valuable work experience. Recent employers include Cancer Research UK, GlaxoSmithKline and Pfizer Inc.

Final year BSc

You'll carry out a research project alongside our scientists and explore specialist areas, such as neurodegenerative disease and microbial pathogenicity, with opportunities to refine your professional skills.

Additional areas of study on the MBiomed course

You'll carry out an extended research project, fully immersing you in the Department's diverse research environment. There will be opportunities to analyse ground-breaking topics relevant to your interests.

Business and management



1st for Marketing in the Complete University Guide 2020

2nd for Business Studies in The Times and The Sunday Times University Guide 2020

3rd for Business, Management and Marketing in the Guardian University Guide 2020

Explore the business environment and learn how organisations function. Our courses cover core topics like sustainable leadership, marketing and management.

Combining theory, practice and placements, our courses will give you an excellent knowledge of business. Flexible structures let you explore features relevant to your chosen career.

You'll develop a broad set of skills and an understanding of the international business environment.

Gain professional experience

All our four-year degrees include a work placement option (compulsory on some courses). You will gain a distinct advantage in the graduate job market with this valuable experience. In 2018-19, the School of Management placed students with over 260 companies of all sizes across all business sectors.

Building for the future

The University is investing in a new School of Management building, set to open in 2021.

The latest technology will give you a flexible and modern learning environment. The design focuses on working together, with an open layout to enable effective teamwork.

Our new building will encourage engagement with other students and academics. A dedicated Employment Hub will provide a space for you to meet and network with our industry partners.

Study in an enriched learning environment

Alongside teaching, our academics carry out research in all aspects of business and management. This ensures that you'll learn about the latest developments in these areas. You'll be taught by experts in a range of subjects like marketing, finance, strategy, accounting, economics and operations management.

Prepare for your future

We have an excellent graduate employment record. A high number of our graduates are employed or studying six months after finishing their course (Unistats, 2019):

- 84% of Business Administration (now BSc Business) graduates
- 85% of Management (four year) graduates
- 85% of Management with Marketing graduates
- 83% of International Management graduates
- 85% (German), 80% (French) and 65% (Spanish) of International Management with Modern Languages graduates

Recent employers include Deloitte, PwC, BMW, Google and GlaxoSmithKline.



“BSc Business has everything: two placements, a six-month optional exchange and the ability to choose your modules after the first year – it was pretty much my ideal degree. It also has such a good reputation within the business world and has amazing connections to large corporate companies both in the UK and around the world, so I knew the opportunities would be endless.”

Camilla Dent,
BSc Business Administration
(now BSc Business),
class of 2022

Business

N100 BSc (Hons) Four years including two six-month placements

Learn the practical, analytical and critical skills you need to become a business leader. Get real professional experience with two placements.

This flexible business and management degree is different. You will complete two six-month placements with separate companies rather than 12 months with one. Experience of two roles will help you decide on your future career direction and expand your professional network.

You'll also work with businesses through applied research including the Final Year Project.

Whatever your career goals, you'll be able to customise your degree with optional units.

Year 1

Study the fundamental subjects relevant to business and management including business and society, economics, data analysis and accounting. These core units will help you decide your path through the rest of your degree. From Year 2, you choose which options to study.

Year 2

Experience the working world earlier than on most degrees with a six-month placement in your first semester.

In the second semester, you'll be able to pick from a range of optional units in areas like marketing and human resources, and will do a research project on a topic of your own choice.

Year 3

Continue to customise your course with more optional units in areas like decision making, finance and consumer psychology. Work with a charity or NGO on an entrepreneurship action project.

Get more practical work experience with your second six-month placement. Recent employers include Ferrero, Kraft Heinz and Vita Coco.

Final year

Choose the units to explore areas of interest such as entrepreneurship and innovation, business and marketing in a digital world, behavioural finance, leading and managing change, and investment banking. For your Final Year Project, you'll work in groups to tackle a real business issue for one of our partner organisations.

You may also be able to apply for our International Academic Exchange programme.

Entry requirements

Typical offer: AAA or A*AB

GCSE

6 or B in Mathematics and 6 or B in English Language or Literature (or equivalent from category A – see page 61).

A level

AAA or A*AB in three A levels.

We prefer applicants who have studied a combination of relevant subjects at A level including one essay-based and one maths- or science-based subject.

International Baccalaureate

36 points and 6, 6, 6 or 7, 6, 5 in three Higher Level subjects.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

For more information about this course visit: go.bath.ac.uk/mgt-21

International Management

NN12 BSc (Hons) Four years including year abroad

Entry requirements

Typical offer: AAA or A*AB

GCSE

6 or B in Mathematics and 6 or B in English Language or Literature (or equivalent from category A – see page 61).

A level

AAA or A*AB in three A levels.

We prefer applicants who have studied a combination of relevant subjects at A level including one essay-based and one maths- or science-based subject.

International Baccalaureate

36 points and 6, 6, 6 or 7, 6, 5 in three Higher Level subjects.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

For more information about this course visit: go.bath.ac.uk/mgt-21

Learn the key business areas and understand how they operate in a global context. Spend 12 months abroad and gain practical international experience.

During the first year, you'll study with BSc Management and BSc Management with Marketing students. You'll benefit from learning in a diverse class with students who have different backgrounds and ambitions.

By spending a year abroad, you'll have the opportunity to immerse yourself in a new social, cultural and business environment. Work placements are usually paid, and our expert Placement Team will support you all the way.

Customise your degree with optional units to choose from in Years 2 and 4.

Year 1

Learn core subjects like marketing, finance, operations management, business analytics and managing people. These will provide context for the rest of your course.

Year 2

Develop your understanding of global business. You will study advanced subjects like international market development, entrepreneurship, multinational enterprise management and strategy.

Year abroad

Go abroad for up to 12 months. You'll have the flexibility to choose a work placement, International Academic Exchange or a combination of both. Recent employers include Nike, Bosch and JC Decaux.

Final year

Learn about business strategy, innovation and contemporary issues in a variety of contexts. Choose optional units to explore areas of interest like consumer research, investment banking or e-business.

International Management and Modern Languages

NR21 BSc (Hons) French – four years including year abroad

NR22 BSc (Hons) German – four years including year abroad

NR24 BSc (Hons) Spanish – four years including year abroad

Learn how to excel in an international business environment. Fulfil the demand for business leaders with both advanced language and management skills.

You will benefit from the expertise of two leading departments, the School of Management and the Department of Politics, Languages and International Studies. You'll gain specialised knowledge of relevant countries' business environments and contemporary politics, society and culture. From day one you'll be taught in your chosen language.

By spending a year abroad, you'll have the opportunity to master your language. Work placements are usually paid. Our dedicated and experienced Placements Team will support you all the way.

Year 1

You'll cover core management subjects while developing your language, including technical business vocabulary, business economics and data analysis. You will also study contemporary culture, politics and society.

Year 2

As well as optional units, you'll cover core subjects like marketing and organisational behaviour whilst continuing to learn about your chosen country's business environment and recent history. This prepares you for your year abroad.

Year 3

Spend up to 12 months in a French, German or Spanish speaking country. You'll have the flexibility to choose a work placement, International Academic Exchange or a combination of both. Recent employers include BMW, Wonderbox and Thales.

Final year

Focus on international business. Continue to build your language expertise and choose from a range of optional units in areas like brand management, entrepreneurship and innovation.

Entry requirements

Typical offer: AAB

GCSE

6 or B in Mathematics and 6 or B in English Language or Literature (or equivalent from category A – see page 61).

A level

AAB including your chosen language.

International Baccalaureate

36 points and 6, 6, 5 in three Higher Level subjects including your chosen language.

We accept 6 in SL Language B if you are not studying your chosen language at Higher Level.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

For more information about this course visit: go.bath.ac.uk/mgt-21

Management

N200 BSc (Hons) Three years

N201 BSc (Hons) Four years including placement year

Entry requirements

Typical offer: AAA or A*AB

GCSE

6 or B in Mathematics and 6 or B in English Language or Literature (or equivalent from category A – see page 61).

A level

AAA or A*AB in three A levels.

We prefer applicants who have studied a combination of relevant subjects at A level including one essay-based and one maths- or science-based subject.

International Baccalaureate

36 points and 6, 6, 6 or 7, 6, 5 in three Higher Level subjects.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

For more information about this course visit: go.bath.ac.uk/mgt-21

Develop advanced knowledge and skills in a range of business areas. Gain the practical experience you need for a variety of management careers.

This is a flexible degree with optional units to choose from after Year 1. In your first year, you'll study with International Management and Management with Marketing students. You'll benefit from learning in a diverse class with students who have different backgrounds and ambitions.

If you choose the four-year option, your placement will let you apply your skills and knowledge in a real working environment. Placements are usually paid. Our dedicated and experienced Placement Team will support you all the way.

Year 1

You'll learn the core subjects relevant for business like marketing, finance and operations management. These will provide context for the rest of your course. Areas of study will also cover topics such as business analytics, the international business environment and managing people.

Year 2

Develop your knowledge of the subjects from Year 1, and customise your studies with optional units. These let you explore other areas of interest like marketing communications, corporate responsibility and supply management.

Placement year

Apply your skills and knowledge on a placement year (four-year course only). You'll gain a competitive advantage in the job market with this valuable experience. Recent employers include IBM, Nike and Innocent Drinks.

Final year

Learn about business strategy, analysis and management in a variety of contexts. Choose optional units to explore areas of interest such as consumer research, investment banking or management consulting. You will also do an entrepreneurship project (optional on the four-year course); working in teams, you'll develop a business plan and put it into action.

Management with Marketing

NN25 BSc (Hons) Four years including placement year

Gain a solid grounding in the key areas of business practice. You'll also develop specialist knowledge and skills for a career as a marketing professional.

This is a flexible degree with optional units to choose from in Years 2 and 4. In your first year, you'll study with Management and International Management students. You'll benefit from learning in a diverse class with students who have different backgrounds and ambitions.

The year-long placement in a marketing role will let you apply your skills and knowledge in a real working environment. Work placements are usually paid. Our dedicated and experienced Placements Team will support you all the way.

Year 1

You'll study core subjects like marketing, finance, organisational behaviour, international business and operations management, giving you context for the rest of the course.

Year 2

Develop your marketing knowledge by studying areas like brand management, consumer psychology and strategic marketing communications. Customise your studies with optional units, allowing you to explore areas like business law, emerging markets and supply management.

Marketing placement

Apply your skills and knowledge on a placement year. You'll gain a competitive advantage in the job market with this valuable experience. Recent employers include L'Oréal, Disney and Firebrand Training.

Final year

Grow your marketing expertise with specialist units and options. You'll develop a product from a brief, prototype it and plan a launch. These skills will help you excel in a professional marketing role.

Entry requirements

Typical offer: AAA or A*AB

GCSE

6 or B in Mathematics and 6 or B in English Language or Literature (or equivalent from category A – see page 61).

A level

AAA or A*AB in three A levels.

We prefer applicants who have studied a combination of relevant subjects at A level including one essay-based and one maths- or science-based subject.

International Baccalaureate

36 points and 6, 6, 6 or 7, 6, 5 in three Higher Level subjects.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

For more information about this course visit: go.bath.ac.uk/mgt-21

Chemical engineering



Chemical engineering benefits society and the environment by combining science and mathematics to develop new and sustainable technologies, processes and products.

Chemical engineers change the world by transforming ideas into products and services in an ethical, safe, responsible and efficient way. With a chemical engineering degree, you could tackle important social challenges and improve quality of life. You could have a role in providing clean water and sanitation, developing and delivering food, or improving healthcare and chemical products. At Bath, we give you the tools to adapt to a variety of roles in an evolving world and discipline.

Gain professional experience

A placement gives you the chance to gain experience and develop skills in a commercial or industrial environment. The professional knowledge you gain can benefit the rest of your degree and improve your career prospects. Our students have worked at companies such as Unilever, Wessex Water, Biobean, BP and Exxon Mobil.

Study in an enriched learning environment

We deliver teaching complemented by guest lectures from practitioners to give you a professional and practical perspective on the subject. You'll learn from expert academic staff whose industrial collaborations, research and entrepreneurial activities feed into our teaching and contribute to your learning experience.

Use specialist facilities

Our facilities range from bench scale to pilot scale and are specially equipped to enhance your education. These include facilities with continuous reactors and bioreactors, advanced separation labs focused on low-cost membrane technology, and high-spec biochemical engineering labs.

Prepare for your future

With a Bath degree, you can be confident that you'll graduate with the specific engineering knowledge and transferable skills to help start your career. You could take on technical and managerial roles across industrial and commercial sectors. For example, you could follow a career in alternative fuels, healthcare industries, water treatment, consumer goods, or oil and gas.

1st for course satisfaction in the Guardian University Guide 2020

4th for Chemical Engineering in the Times and Sunday Times Good University Guide 2020

94% for overall student satisfaction in the National Student Survey 2019



“This course appealed to me because of its focus on mathematics and problem solving. It felt like a degree that would be really close to the cutting edge of what was being researched and discovered.”

Luke Wilson,
MEng (Hons) Chemical
Engineering with placement year

Chemical Engineering

- H813 BEng (Hons) Three years
 H814 BEng (Hons) Four years including placement year
 H803 MEng (Hons) Four years
 H804 MEng (Hons) Five years including placement year

Entry requirements

Typical offer: A*AA

GCSE

4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

A*AA including Chemistry and Mathematics.

International Baccalaureate

36 points and 7, 6, 6 in three Higher Level subjects including Chemistry and either HL Mathematics.

We can accept 7 in SL Chemistry if you are not studying HL Chemistry.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

Professional accreditation

BEng and MEng: Accredited by the Institution of Chemical Engineers (IChemE) under licence from the UK regulator, the Engineering Council, for the purpose of partially meeting the educational requirement for chartered Engineer.

MEng: Accredited by the Institution of Chemical Engineers (IChemE) under licence from the UK regulator, the Engineering Council, for the purpose of fully meeting the educational requirement for chartered Engineer.

Gain the technical and professional skills to pursue a wide range of careers as a chemical engineer.

Our course introduces you to the core principles and practices of chemical engineering. Through lectures and practical lab sessions, you'll learn how to gather and assess data to develop industrial strategies. You'll explore new technologies and gain a comprehensive understanding of process design.

You'll also develop scientific ideas from the bench scale to process scale through project work. You could design an anaerobic digester, a water treatment facility for a refugee camp, or a low-carbon ammonia synthesis plant.

Year 1

Learn chemical engineering principles and the underlying science and mathematics. You'll apply theoretical concepts, as well as develop teamwork and communication skills through lab work and design projects.

Year 2

Explore the key tools for process design, modelling and control. Lead in addressing open-ended research questions and gain further skills in safety, ethics and communication.

MEng penultimate year/BEng final year

Work in teams and individually to apply complex chemical engineering concepts to an open-ended design problem. You'll learn about project and environment management as key factors in process design.

MEng final year

Specialise in areas of your choice including aspects of biochemical, environmental, and computational engineering. Carry out a research project at the University or abroad.

Optional placement year

Gain valuable professional experience by taking a year-long industrial placement while benefiting from the full support of our Placements team and academic staff. Students taking our BEng course go on placement after year 2, whereas students on our MEng course go on placement after year 3.

For more information about this course visit:

go.bath.ac.uk/chem-eng-21

Chemical Engineering with Environmental Engineering

H820 MEng (Hons) Four years

H821 MEng (Hons) Five years including a placement year

Learn the core knowledge and technical skills of chemical engineering and focus on the environmental challenges of new technologies, processes and products.

Our course develops your understanding in the core practices of chemical engineering. Through problem-based learning, you'll critically apply mathematical, scientific and engineering knowledge to projects. You'll also develop transferable skills such as problem solving, teamwork and resource management to tackle complex, and often open-ended, engineering problems.

The focus on environmental engineering in your final year allows you to explore the economic, legislative and ethical issues that control environmental protection and sustainability.

Year 1

Learn chemical engineering principles and the underlying science and mathematics. You'll apply theoretical concepts, as well as develop teamwork and communication skills through lab work and design projects.

Year 2

Explore the key tools for process design, modelling and control. Lead in addressing open-ended research questions and gain further skills in safety, ethics and communication.

Year 3

Explore advanced principles of chemical engineering. Work in teams and individually to apply complex chemical engineering concepts to an open-ended design problem. You'll learn about project and environment management as key factors in process design.

Optional placement year

Gain valuable professional experience by taking a year-long industrial placement while benefiting from the full support of our Placements team and academic staff.

Final year

Specialise in areas of your choice including aspects of biochemical, environmental, and computational engineering. You'll cover topics such as clean technologies, economics and legislation. Carry out a research project at the University or abroad.

Entry requirements

Typical offer: A*AA

GCSE

4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

A*AA including Chemistry and Mathematics.

International Baccalaureate

36 points and 7, 6, 6 in three Higher Level subjects including Chemistry and either HL Mathematics.

We can accept 7 in SL Chemistry if you are not studying HL Chemistry.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

For more information about this course visit:

go.bath.ac.uk/chem-eng-21

Chemistry



Chemists study the synthesis, properties and structure of matter. You'll learn how to make the substances we use every day, from molecules to materials.

Explore a range of topics and move seamlessly between areas such as nanotechnology, drug development, sustainability and new materials.

Our practical courses will give you the knowledge and interdisciplinary skills to apply what you've learnt to a wide range of problems in chemistry. The core material in the first year of all our courses is the same, giving you the flexibility to switch if you change your mind about what area you'd like to specialise in.

As a student here, you'll be part of a supportive department with friendly staff, an open door culture and an active student community, including our chemistry society and Chem Crew student mentors.

Gain professional work experience

Going on placement gives you the chance to apply what you've learnt at university to a year working in industry. It'll broaden your experience and could improve your career prospects. We have links with leading companies such as GlaxoSmithKline, Syngenta and AkzoNobel.

On our MChem courses, all placements are in scientific research and you'll need to complete a distance learning unit during the year. On our BSc and MSci courses, your placement could also be in other areas, such as finance.

Put your learning into practice

Alongside teaching, our academics carry out research in all branches of chemistry and you'll have the chance to work alongside them on your own project. You can also apply what you've learnt during your degree at public engagement events and in schools.

Use specialist facilities

You'll learn core experimental skills in our well-equipped labs. You can also access our characterisation facilities to familiarise yourself with spectroscopy (NMR, IR, UV) and other techniques such as mass spectrometry, X-ray diffraction, microscopy and chromatography.

Prepare for your future

You could go on to work in technical areas, or scientific research and development in materials, pharmaceuticals, energy and the environment. You'll also be well suited to broader roles in education, scientific publishing, patents, administration and finance, or further study such as a PhD or PGCE.

95% student satisfaction
for chemistry in the National
Student Survey 2019



“Chemistry is one of those brilliant degrees that can actually take you into all kinds of different roles and different industries.”

Elyse Gilbert,
MChem Chemistry for
Drug Discovery including
study year abroad

Chemistry

- F100 BSc (Hons) Three years
 F101 BSc (Hons) Four years including placement year
 F107 BSc (Hons) Four years including study abroad
 F103 MChem (Hons) Four years
 F104 MChem (Hons) Four years including placement year
 F105 MChem (Hons) Four years including study abroad

Entry requirements

Typical offer: **AAA or AAB**

GCSE

6 or B in Mathematics and 4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

We prefer students studying a range of maths- and science- based subjects, and your typical offer depends on how many of these subjects you study in your A levels:

AAB including A in Chemistry plus two other maths or science subjects.

AAA including Chemistry and one other maths or science subjects.

International Baccalaureate

36 points and 6, 6, 5 in three Higher Level subjects including 6 in Chemistry and a second maths or science subject.

We can accept 7 in Standard Level maths or science subject (except Chemistry) if HL Chemistry is your only maths and science subject at Higher Level.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

Professional accreditation

This course is accredited by The Royal Society of Chemistry.

Develop practical and theoretical skills across all areas of chemistry, ready to tackle major challenges and leading to a range of careers.

As a chemist, you can move seamlessly between areas such as sustainable chemistry, drug development and materials. In the first two years, you'll study a broad introduction to all areas of chemistry, where you'll gain the practical and theoretical skills needed to design experiments and test hypotheses.

This course has the broadest range of subjects of all our chemistry courses. In the final year, you'll have the chance to specialise in the areas that interest you most.

Year 1

Develop your core knowledge of chemistry in areas such as atomic structure, periodicity, organic reactivity and why reactions happen, whilst gaining key practical skills.

Year 2

Expand your knowledge of fundamental topics (such as synthesis, spectroscopy and catalysis) and more specialist areas (such as polymers), whilst developing advanced practical skills.

Optional placement year / study year abroad

You can apply for this course with a placement, giving you the opportunity to develop your skills and knowledge with a year working in industry. Recent employers include GlaxoSmithKline, Syngenta, AkzoNobel and Pfizer.

Alternatively, you could opt to experience another culture by studying for a year at a university abroad.

Final year BSc

You'll study core and optional topics from current research areas so you can build your degree around your interests. You'll also have significant scope in projects, such as a dissertation, lab work or outreach.

Additional areas of study on the MChem course

You'll be trained in modern research methods, such as advanced characterisation, and exposed to a broad range of current chemical literature. In the final year, you'll carry out a research project in an area of your interest.

For more information about this course visit:

go.bath.ac.uk/chem-21

Chemistry for Drug Discovery

F151 BSc (Hons) Three years

F152 BSc (Hons) Four years including placement year

F153 BSc (Hons) Four years including study year abroad

F154 MChem (Hons) Four years

F155 MChem (Hons) Four years including placement year

F156 MChem (Hons) Four years including study year abroad

Combine your passion for chemistry with a desire to make a real contribution to the development of new pharmaceuticals.

Gain a solid foundation in chemistry with a focus on how drugs and medicines are designed and made, how they work and why they're successful. You'll develop in-depth knowledge of the drug design process, and the skills to carry out experimental and computational drug discovery projects. You'll also be able to specialise in areas that interest you most with optional units and a research project.

If you're interested in the drug discovery process and want to pursue a career in the pharmaceutical industry, this is the course for you.

Year 1

Develop your core knowledge of chemistry in areas such as atomic structure, periodicity, organic reactivity and why reactions happen, with a focus on pharmacology and medicinal chemistry. You'll also gain key practical skills.

Year 2

Expand your knowledge of fundamental topics (such as synthesis, spectroscopy and catalysis) alongside study of major therapeutical areas and strategies to treat them, whilst developing advanced practical skills.

Optional placement year/study year abroad

You can apply for this course with a placement, giving you the opportunity to develop your skills and knowledge with a year working in industry. Recent employers include GlaxoSmithKline, Syngenta, AkzoNobel and Pfizer.

Alternatively, you could opt to experience another culture by studying for a year at a university abroad.

Final year BSc

You'll study core and optional topics from current research areas so you can build your degree around your interests. You'll also have significant scope in projects, such as a dissertation, lab work or outreach.

Additional areas of study on the MChem course

You'll be trained in modern research methods in drug discovery and exposed to a broad range of current chemical literature. In the final year, you'll carry out a research project in an area of your interest.

Entry requirements

Typical offer: AAA or AAB

GCSE

6 or B in Mathematics and 4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

We prefer students studying a range of maths- and science- based subjects, and your typical offer depends on how many of these subjects you study in your A levels:

AAB including A in Chemistry plus two other maths or science subjects.

AAA including Chemistry and one other maths or science subjects.

International Baccalaureate

36 points and 6, 6, 5 in three Higher Level subjects including 6 in Chemistry and a second maths or science subject.

We can accept 7 in Standard Level maths or science subject (except Chemistry) if HL Chemistry is your only maths and science subject at Higher Level.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

Professional accreditation

This course is accredited by The Royal Society of Chemistry.

For more information about this course visit:
go.bath.ac.uk/chem-21

Chemistry with Management

- F145 BSc (Hons) Three years
 F146 BSc (Hons) Four years including placement year
 F1N2 BSc (Hons) Four years including study year abroad
 F1NF MSci (Hons) Four years
 F1NG MSci (Hons) Five years including placement year

Entry requirements

Typical offer: AAA or AAB

GCSE

6 or B in Mathematics and 4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

We prefer students studying a range of maths- and science- based subjects, and your typical offer depends on how many of these subjects you study in your A levels:

AAB including A in Chemistry plus two other maths or science subjects.

AAA including Chemistry and one other maths or science subjects.

International Baccalaureate

36 points and 6, 6, 5 in three Higher Level subjects including 6 in Chemistry and a second maths or science subject.

We can accept 7 in Standard Level maths or science subject (except Chemistry) if HL Chemistry is your only maths and science subject at Higher Level.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

Professional accreditation

This course is accredited by The Royal Society of Chemistry.

Gain a broad education in chemistry and the business environment. You'll be prepared for a career in scientific or management areas.

This course allows you to combine your love of chemistry with an interest in how business works. You'll gain a broad education in chemistry with an understanding of the theories of chemical behaviour and how they are applied.

At least a quarter of the units you'll study will be management topics, delivered by the School of Management. As the course progresses you'll be able to specialise in the areas that interest you most.

Year 1

Develop your core chemistry knowledge in areas such as atomic structure, periodicity, organic reactivity and why reactions happen, whilst gaining key practical skills and studying introductory business topics.

Year 2

Expand your knowledge of chemical topics (such as synthesis, spectroscopy and catalysis), whilst developing advanced practical skills and selected management topics (such as marketing and accounting).

Optional placement year/study year abroad

You can apply for this course with a placement, giving you the opportunity to develop your skills and knowledge with a year working in industry. Recent employers include GlaxoSmithKline, Syngenta, Deloitte and PwC.

On the BSc course, you could opt to study for a year at a university abroad instead of going on placement.

Final year BSc

You'll study topics in core chemistry and will also have significant scope in projects (dissertation, lab work or outreach) and management units, so you can build your degree around your interests.

Additional areas of study on the MSci course

You'll be trained in modern research methods, such as advanced characterisation, and exposed to a broad range of current chemical literature. In the final year, you'll choose a research project in an area of your interest and will also have a choice of topics so you can focus on your interests in chemistry or management.

For more information about this course visit:

go.bath.ac.uk/chem-21

Civil engineering



Civil, structural and architectural engineers design and shape the built environment, using creativity to improve the world we live in for a sustainable future.

3rd for civil engineering in the Times and Sunday Times Good University Guide 2020

5th for civil engineering in the Complete University Guide 2020

5th for civil engineering in the Guardian University Guide 2020

We rely on civil, structural and architectural engineers to successfully design and construct the world around us. Every building, road, bridge, harbour, airport and energy facility depends on their creativity, imagination and skills.

At Bath, we want to nurture your potential to imagine new ways of doing things to make a positive impact. We'll give you the skills to deliver sustainable, practical and beautiful engineering solutions that support people everywhere to live happy, healthy and productive lives.

Gain professional experience

A placement gives you the chance to apply the skills you've developed at university to the workplace. You'll gain insight into the construction industry and develop your confidence and standing as an engineer. Our students have worked at companies including Arup, Atkins, Buro Happold and Laing O'Rourke.

Study in an enriched learning environment

You'll learn from leading academics with expertise in civil, structural and architectural engineering. Their collaborations in industry and research feed into undergraduate teaching and contribute to your learning experience. Also, visiting practice-based tutors bring their wealth of design experience to support projects and enrich teaching.

Use specialist facilities

You'll develop your abilities in purpose-built design studios that foster an atmosphere of creativity and collaboration. You'll have access to structures, hydraulics, soils and materials research laboratories. We also house specific teaching and computer laboratories, and a 3D fabrication workshop.

Prepare for your future

You'll graduate with a high level of creativity and excellent communication and people skills. You could go on to work as an engineering designer, a site engineer or a project manager in the construction industry, where your broad outlook, creativity, problem-solving and people skills are highly valued.



“Starting out as a graduate can be quite scary, but my time at Bath has prepared me for large-scale projects. I now have an incredible self-belief that I can be a great engineer.”

Gemma Andrews,
MEng (Hons) Civil Engineering
with placement

Civil and Architectural Engineering

H202 MEng (Hons) Four years
H203 MEng (Hons) Five years including placement year

Integrate architectural and engineering design to develop sustainable solutions that benefit society. Graduate as a creative designer of our built environment.

Our course is for creative engineers who want to lead the design of buildings and structures that work well in every respect. You'll learn the art and science of the subject while being immersed in the practices of architectural and civil engineering design. Working with architecture students on realistic projects gives you the professional skills of a graduate engineer. You'll integrate structural and environmental engineering with architecture to meet design requirements including human comfort, stability, energy, carbon footprint and buildability.

Year 1

Learn key aspects of civil engineering and architectural design, practice, analysis and problem solving. Topics you'll study include structural and environmental design, materials and computational methods. You'll study with architecture students in your first semester.

Year 2

Develop the technical knowledge and engineering skills that underpin the design of infrastructure and the built environment. You'll study areas including soil mechanics, structural design and construction, transportation infrastructure, and go on a surveying and geology field course.

Optional placement year

Gain professional experience and complementary skills on a placement. Working in industry will benefit the rest of your degree and improve your career prospects.

Penultimate year

Study advanced topics in structural engineering, building environmental engineering and optional subjects including bridge engineering and coastal and water engineering. You will also undertake a design project with architecture students, and carry out an advanced research project.

Final year

You'll study advanced topics in structural analysis and building environmental design as well as optional engineering areas including conservation, natural materials and architectural structures. You'll carry out a group holistic design project together with architecture students.

Entry requirements

Typical offer: A*AA

GCSE

4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

A*AA including Mathematics.

International Baccalaureate

36 points and 7, 6, 6 in three Higher Level subjects including either HL Mathematics.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

Professional accreditation

This course is accredited by the Joint Board of Moderators on behalf of ICE, IStructE, CIHT, and IHE as fully satisfying the academic base for a Chartered Engineer and an Incorporated Engineer, under the provisions of UK-SPEC.

For more information about this course visit:

go.bath.ac.uk/civ-eng-21

Civil Engineering

- H204 BEng (Hons) Three years
 H201 BEng (Hons) Four years including placement year
 H200 MEng (Hons) Four years
 H205 MEng (Hons) Five years including placement year

Entry requirements

Typical offer: A*AA

GCSE

4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

A*AA including Mathematics.

International Baccalaureate

36 points and 7, 6, 6 in three Higher Level subjects including either HL Mathematics.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

Professional accreditation

BEng: Accredited by the Joint Board of Moderators on behalf of ICE, IStructE, CIHT, and IHE as partly satisfying the academic base for a Chartered Engineer and an Incorporated Engineer, under the provisions of UK-SPEC.

MEng: Accredited by the Joint Board of Moderators on behalf of ICE, IStructE, CIHT, and IHE as fully satisfying the academic base for a Chartered Engineer and an Incorporated Engineer, under the provisions of UK-SPEC.

Develop practical and technical skills to design and engineer the built environment. Use integrated and creative solutions to engineer a sustainable future.

Our course is for students who want to ask difficult questions about the future of civil engineering. You'll push the boundaries of design and construction to generate new ideas for our infrastructure and cities. Your knowledge will enable you to integrate energy, sustainability and environmental design.

Our courses draw on the strengths of our joint department with architecture, offering cross-disciplinary teamwork that mirrors the professional relationships you'll experience in your career.

Year 1

Learn key aspects of civil engineering and architectural design, practice, analysis and problem solving. Topics you'll study include structural and environmental design, materials and computational methods. You'll study with architecture students in your first semester.

Year 2

Develop the technical knowledge and engineering skills that underpin the design of infrastructure and the built environment. You'll study areas including soil mechanics, structural design and construction, transportation infrastructure, and go on a surveying and geology field course.

Optional placement year

Gain professional experience and complementary skills on a placement. Working in industry will benefit the rest of your degree and improve your career prospects.

MEng penultimate year/ BEng final year

Enhance and apply your knowledge of geotechnical engineering, structures, materials, hydraulics, and take specialist option units. You will also undertake a design project with architecture students, and carry out an advanced research project.

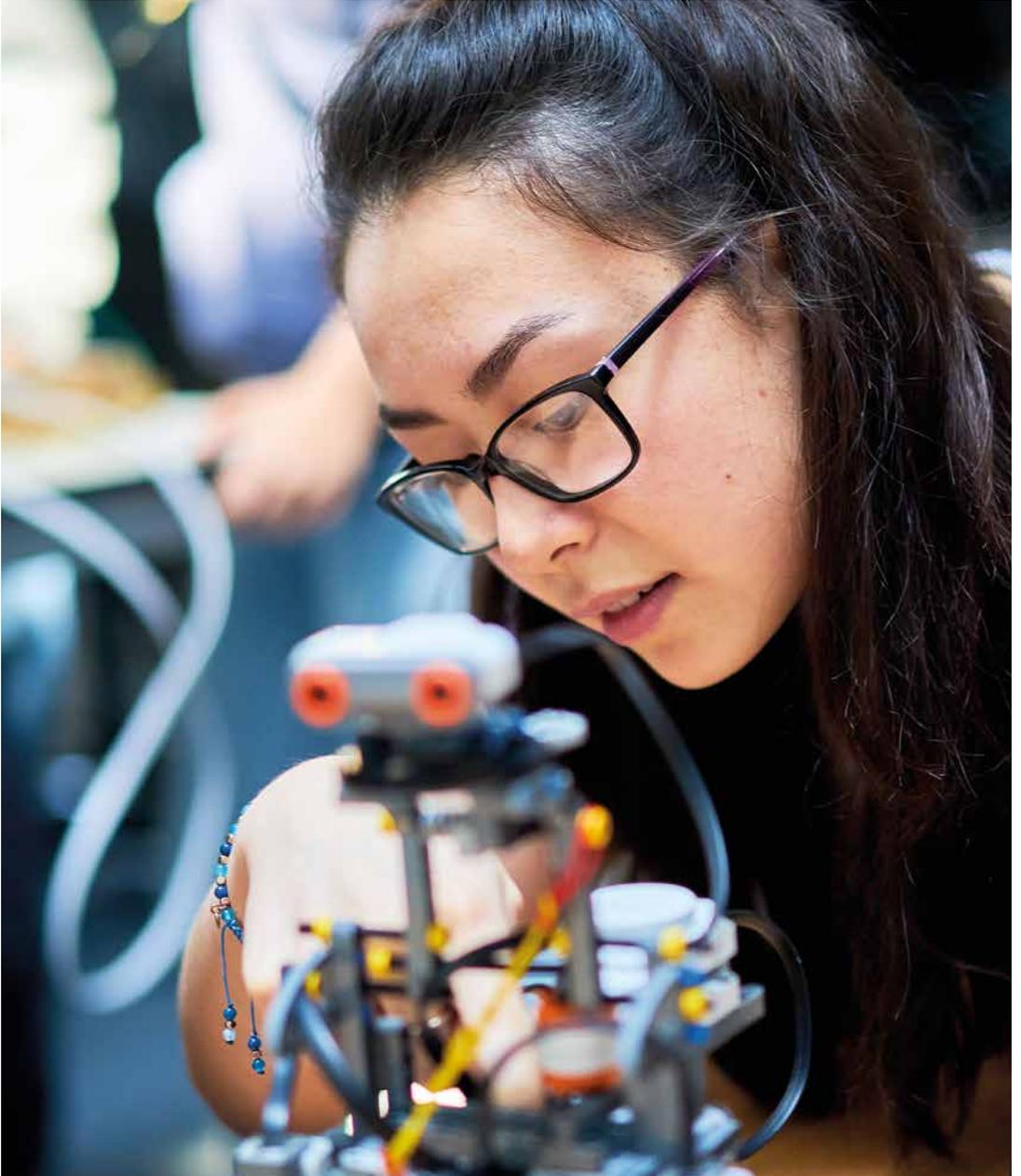
MEng final year

Take advanced structural and geotechnical engineering units and integrate specialist units with multidisciplinary design projects to enable you to develop responsible, innovative solutions to future engineering challenges.

For more information about this course visit:

go.bath.ac.uk/civ-eng-21

Computer science



1st for employment after six months for computer science & information systems in the Guardian University Guide 2020

3rd for graduate prospects for computer science in the Complete University Guide 2020

Top 10 for student experience for computer science in The Times and Sunday Times Good University Guide 2020



“Regardless of interests, I would recommend joining the Bath Computer Science Society (BCSS). Pretty much every student from our Department is a member and it hosts different types of events ranging from socials to hackathons.”

Tarun Unnikrishnan,
BSc Computer Science

Computer science is the science behind much of the technology we use in our daily lives. Programming is a core topic but there’s so much more to learn.

Our courses cover a broad range of areas in computer science, exploring the traditional software and hardware aspects of the subject, as well as its underlying mathematics. You’ll develop a sound knowledge base and range of skills valuable to a career in the field, including learning to analyse, integrate and apply new ideas and techniques to solve computing problems.

As a student here, you’ll be part of a well-equipped and supportive department, with lots of opportunities to get involved in societies and events such as hackathons, coding competitions and conferences.

Gain professional work experience

Going on placement gives you the chance to apply what you’ve learnt at university to a year working professionally. It’ll broaden your experience and transferable skills, and could improve your career prospects. We have links with leading companies such as Accenture, Imagination Technologies, Goldman Sachs, Microsoft and Google.

Put your learning into practice

Alongside teaching, our academics carry out research in important areas of computer science, including artificial intelligence, human-computer interaction, mathematical foundations and visual computing. You’ll have the chance to work alongside them on your own research project.

Use specialist facilities

You’ll have 24/7 access to purpose-built labs. This includes labs especially for computer science students and a dedicated prototyping lab, allowing you to create and experiment with software-driven systems and devices. Complex, data-intensive processes can be analysed over high-speed networks with our High-Performance Computing facility ‘Balena’.

Prepare for your future

Our courses offer excellent graduate prospects. Recent roles include Product Manager at Atos, Cyber Security Analyst at Selex ES, Software Tester at Fujitsu and Software Developer at Imagination Technologies. You could also work in business, education and administration, or go on to further study, such as a PhD.

Computer Science

- G400 BSc (Hons) Three years
 G401 BSc (Hons) Four years including placement year
 I10C BSc (Hons) Four years including study year abroad
 G403 MComp (Hons) Four years
 G404 MComp (Hons) Five years including placement year
 I101 MComp (Hons) Five years including study year abroad

Develop theoretical and practical abilities in software design, development and experimentation, to become an innovative computing professional.

Our broad course will give you the skills and knowledge to apply computer science methods to new and emerging computing problems. You'll gain a solid foundation in computer science with rigorous theory and practical experience. The course brings together mathematical foundations, artificial intelligence, software design and development, interaction design, computer graphics and vision.

This course is for you if you're interested in studying computer science but want to wait until later in your degree before deciding what area to specialise in.

Year 1

Learn the basics of computer science, including mathematics and programming skills. You'll study a wide range of topics including data structures, software design and development, artificial intelligence, computational logic and computer architecture. You'll also work on an Arduino project with other students.

Year 2

Further expand your knowledge in areas of human computer interaction, artificial intelligence, computer graphics and the mathematical foundations of computation. You'll also complete a group project with other students to design, build and test an interactive application.

Final year BSc

You'll study optional units alongside an individual project that combines your interests in a specific area of computer science, working with researchers in the Department.

Additional areas of study on the MComp course

You'll study more advanced units and carry out a master's-level research project, providing you with a greater exposure to research in the Department. This option is ideal preparation for a PhD or research career.

Placement year/study year

You can apply for this course with a placement, giving you the opportunity to put your skills and knowledge into practice with a year's work experience. Recent employers include Imagination Technologies, Goldman Sachs, Microsoft and Google.

Alternatively, you could opt to study for a year at a university abroad. You'll experience another culture whilst studying a course that complements your studies at Bath.

Entry requirements

Typical offer: A*AA

GCSE

4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

A*AA including Mathematics.

International Baccalaureate

36 points and 7, 6, 6 in three Higher Level subjects including either HL Mathematics.

We can accept 7 in SL Mathematics: Analysis and Approaches if you are not studying HL Mathematics.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

For more information about this course visit:

go.bath.ac.uk/comp-sci-21

Computer Science and Artificial Intelligence

- I200 BSc (Hons) Three years
- I201 BSc (Hons) Four years including placement year
- I202 BSc (Hons) Four years including study year abroad
- I203 MComp (Hons) Four years
- I204 MComp (Hons) Five years including placement year
- I205 MComp (Hons) Five years including study year abroad

Entry requirements

Typical offer: A*AA

GCSE

4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

A*AA including Mathematics.

International Baccalaureate

36 points and 7, 6, 6 in three Higher Level subjects including either HL Mathematics.

We can accept 7 in SL Mathematics: Analysis and Approaches if you are not studying HL Mathematics.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

For more information about this course visit:

go.bath.ac.uk/comp-sci-21

Become an innovative computing professional with expertise in AI and machine learning.

This course will give you the skills and knowledge to apply the latest Artificial Intelligence (AI) technologies and methods to a wide range of problems. You'll gain a solid foundation in computer science with a focus on AI, and will study topics such as machine learning, algorithms and complexity, and visual computing.

This course is for you if you're keen to learn about current AI technologies and would like to specialise in this field from the start of your degree, whilst still gaining a grounding in broader computer science.

Year 1

Learn the foundations of computer science, including mathematics and programming skills, and gain an introduction to the theory and practice of AI. You'll also work on an Arduino project with other students.

Year 2

Further develop your AI and computer science skills with a special focus on emerging AI topics and frontiers of machine learning. You'll also complete a group project with other students to design and build an interactive application.

Final year BSc

You'll specialise in different areas of AI by studying optional units including robotics, natural language processing, Bayesian computation and computer vision. You'll explore an area that you're more interested in by completing an individual year-long project.

Additional areas of study on the MComp course

You'll study more advanced units and carry out a master's-level research project, providing you with a greater exposure to research in AI and machine learning. This option is ideal preparation for a research career, a PhD, or positions in industry that require advanced AI skills.

Placement year/study year abroad

You can apply for this course with a placement, giving you the opportunity to put your skills and knowledge into practice with a year's work experience. Recent employers include Imagination Technologies, Goldman Sachs, Microsoft and Google.

Alternatively, you could opt to study for a year at a university abroad. You'll experience another culture whilst studying a course that complements your studies at Bath.

Computer Science and Mathematics

G4GD BSc (Hons) Three years
 G4GA BSc (Hons) Four years including placement year
 I10B BSc (Hons) Four years including study year abroad
 G4G1 MComp (Hons) Four years
 GLG1 MComp (Hons) Five years including placement year
 G4GC MComp (Hons) Five years including study year abroad

Develop skills in mathematics and theoretical computer science, preparing you for roles that involve computational analysis, modelling and simulation.

This joint degree is for you if you enjoy and excel at computing but want to combine that with a very strong interest in mathematics.

By combining our computer science degree with pure mathematics, probability and statistics, you'll be prepared for careers in data science that rely on a combination of mathematical and computational modelling. Examples include data analysis, forecasting, and machine learning.

Year 1

A range of computing topics will cover functional and imperative programming, and artificial intelligence. You'll also study mathematics topics including algebra, analysis, probability and statistics.

Year 2

You'll continue to study mathematics topics, alongside computing in areas of machine learning and algorithms. You'll also carry out an interdisciplinary group project.

Final year BSc

You'll have a choice of advanced topics in both mathematics and computing, such as numerical linear algebra or intelligent agents and parallel computing. You'll also complete an individual research project.

Additional areas of study on the MComp course

You'll study more advanced units and carry out a master's-level research project, providing a greater exposure to research in the Departments of Computer Science and Mathematical Sciences. This option is ideal preparation for a PhD or research career.

Placement year/study year abroad

You can apply for this course with a placement, giving you the opportunity to put your skills and knowledge into practice with a year's work experience. Recent employers include Imagination Technologies, Goldman Sachs, Microsoft and Google.

Alternatively, you could opt to study for a year at a university abroad. You'll experience another culture whilst studying a course that complements your studies at Bath.

Entry requirements

Typical offer: A*AA

GCSE

4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

A*AA including Mathematics and Further Mathematics.

We can consider you if you are not studying A level Further Mathematics (typical offers are available online).

International Baccalaureate

36 points and 7, 6, 6 in three Higher Level subjects including 6 in Mathematics: Analysis and Approaches.

36 points and 7, 6, 5 in three Higher Level subjects including 7 in Mathematics: Analysis and Approaches.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

For more information about this course visit:

go.bath.ac.uk/comp-sci-21

Counselling



“I cannot express how much I’ve gained from the degree, and can only thank the tutors and the staff at the Centre for Addiction Treatment Studies for helping me begin my career.”

Molly Wrobel,
FdSc Addictions Counselling



Addictions counselling involves many different therapeutic interventions to support the treatment of addiction.

Addiction impacts on individuals, families, communities and society. Treatment services require skilled practitioners to help and support those affected. The course will develop the theoretical and practical skills, and therapeutic knowledge required to work within the complex area of addiction treatment. Action on Addiction is a national addictions charity that works across all the areas of treatment, research, family support and professional education. This is a University of Bath franchised course delivered by Action on Addiction.

Study in an enriched learning environment

The course is taught at the Centre for Addiction Treatment Studies in Warminster. You do not normally have to relocate to participate in this course: teaching takes place in blocks, typically a week at a time, and work-based learning placements are all over the UK. You’ll learn from academics and practitioners with expertise in addictions counselling. Their research activities feed into your teaching learning experience.

Use specialist facilities

As a student on this course, you will be able to use the facilities at both the University of Bath and the Centre for Addiction Treatment Studies. At the University, this includes the campus library and the sports and recreation facilities. You are also eligible to join the University of Bath Students’ Union. Accommodation during the teaching blocks is available at the Centre for Addiction Treatment Studies (at additional cost).

Prepare for your future

Our graduates have gone on to work as addictions counsellors in both residential and community-based settings. They have also worked in related fields such as the prison service, mental health and homelessness. On successful completion of the foundation degree, you may be able to progress on to a third-year top-up course and earn a Bachelor of Science qualification.

Addictions Counselling

B940 FdSc Two years franchised

Develop the vocational skills required to become a practitioner in addictions counselling. You'll learn through academic study and work-based learning.

This two year foundation degree enables you to deliver safe and effective interventions for those with problems due to addiction. You'll gain the skills to plan and deliver treatment for addictive behaviours and will learn about the latest developments in addictions treatment. You'll gain experience in a variety of statutory and voluntary settings.

You'll also gain experience through working with multidisciplinary teams and service users. You'll develop your ability to gather and test information from a range of sources. This will enable you to draw reasoned conclusions for application in practice.

Year 1

Develop your study skills and build your knowledge in core areas of alcohol and drug problems, treatment approaches, and assessment and treatment planning.

Year 2

Advance your knowledge and skills in research methods, diagnosis and treatments. Areas of study include dual diagnosis, cognitive therapy and working with families. You'll also do a research project.

BSc (Hons) one year

The Bachelor of Science provides you with greater exposure to research and advanced practical techniques, including a work-based research project. You'll increase your knowledge and skills in motivational interviewing, cognitive-based counselling and group leadership.

Professional practice placement

Gain essential experience in the field on work-based learning placements during this course. You will observe the treatment tasks by qualified staff and receive direction in carrying out the tasks yourself.

Entry requirements

Typical offer: CD

GCSE

4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

CD in two A levels.

Access to HE Diploma

A pass in the Access to HE Diploma in a relevant subject area including passes in 45 credits at Level 3.

BTEC (RQF)

PPP in a Level 3 National Extended Diploma.

Accreditation of experiential learning (APEL)

We may be able to consider you without formal qualifications if you have a minimum of two years' relevant work experience.

You will need to obtain an Enhanced Disclosure and Barring Service (DBS) check during this course. If you are a student who requires a Tier 4 visa to study you will not be able to join this course.

Professional accreditation

This Foundation Degree is signposted to the Drug and Alcohol Occupational Standards (DANOS) and provides the required training hours for the Federation of Drug and Alcohol Practitioners (FDAP) accreditation.

For more information about this course visit: go.bath.ac.uk/addictions-counselling-21

Criminology



Criminology is the study of crime and criminality as well as society's response to these.

The study of criminology gives you a deep insight into the theories of crime, justice and punishment, by drawing on multiple perspectives and disciplines. You'll gain knowledge of how criminal justice agencies work and interact, how criminal justice policy is created, and how policing, courts and prisons present new and pressing challenges for today's world.

Study in an enriched learning environment

Our teaching is rigorous, supportive, and creative, and designed to enable you to become a resilient, ethical, and critical-minded social scientist. You'll learn through a range of student-centred teaching approaches, including lectures, seminars, tutorials and 'break out' groups.

Gain professional work experience

The placement year will give you valuable practical experience and is an excellent opportunity to try different careers. You can take placements in commercial, voluntary or government organisations, or in a research setting. Students on similar courses have taken placements at:

- Ministry of Justice
- Home Office
- National Crime Agency
- HM Inspectorate of Prisons

Develop your professional skills

This course includes a focus on criminal justice practice and personnel. You'll explore the professional roles in prisons and courts, and fieldwork trips will provide you with first-hand experience of how these parts of the criminal justice system work in practice. You'll hear from a range of guest speakers from criminal justice agencies/organisations.

Prepare for your future

Your acquired knowledge, skills and theoretical grounding will set you up well for diverse careers, whether you decide to go into the criminal justice sector, a third sector organisation or another field. Our social science graduates have found work as social and policy researchers, civil servants, international consultants, journalists, accountants and in a variety of government, charity sector and business-related roles.

“We are excited about one of our newest additions to our suite of social science degrees. Our experienced team of staff can provide you with specialist knowledge within the field of criminology as well as key critical thinking, analytical and communication skills.”

Professor Joe Devine,
Department of Social &
Policy Sciences

Criminology

L370 BSc (Hons) Three years

L371 BSc (Hons) Four years including placement year

Entry requirements

Typical offer: AAB

GCSE

4 or C in Mathematics and 4 or C in English Language or Literature (or equivalent from category B – see page 61).

A level

AAB in three A levels.

International Baccalaureate Diploma

35 points and 6, 6, 5 in three Higher Level subjects.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

For more information about this course visit:

go.bath.ac.uk/crim-21

Explore issues facing us in the 21st century relating to crime and criminal justice. Develop research and data handling skills relevant to a range of careers.

This degree has a strong global focus. You'll explore crime and related topics from around the world, including human rights and terrorism, social justice, contemporary social problems, and the globalisation of crime. You'll develop an in-depth knowledge of how the various components of the criminal justice system work, from the police through to prison and probation. As well as a strong theoretical grounding, the course is designed to equip you with practical skills in critical enquiry, research and data generation.

Year 1

Study crime and justice from a theoretical and practical perspective. Develop an understanding of how key criminal justice agencies work and begin to develop your research skills. Interrogate key criminological concepts, such as victimisation, deviance, and justice.

Year 2

Develop an in-depth knowledge of criminological theory, criminal justice practice and policy, and global crime. Advance your skills in research and data analysis. Study specialist criminology and social science options.

Optional placement year

We offer this course with a placement year, giving you the opportunity to gain work experience as part of your degree.

Final year

Carry out a year-long dissertation. This will give you the opportunity to refine and showcase the knowledge and skills you've developed in Years 1 and 2. Study specialist criminology and social science options. Examples of units currently offered cover sexual violence and the sociology of death.

Economics



Top 10 for Economics
in the Complete University
Guide 2020

Top 10 for Economics
in The Times and Sunday
Times Good University
Guide 2020

5th for Careers after six
months in Economics in the
Guardian University Guide
2020



“I was fortunate enough to receive the offer to work at the Bank of England in London, the UK Central Bank. I was based within a team developing regulatory policy for banks, insurance companies and other investment firms to promote a safe and sound financial system in the UK.”

Grace Ling, BSc Economics alumna had her placement year at the Bank of England and secured a graduate position before returning to university for her final year.

Economics is a social science which examines how consumers and producers make choices and how these choices affect the supply of and demand for resources and their prices.

Economics helps us answer questions such as: How can economic principles and insights be applied to the allocation of scarce resources? Should we use taxation to reduce pollution? How does economic policy affect inequality? You will learn how to analyse complex data and solve quantitative problems. You will be able to review economic theory and apply quantitative techniques to aid the understanding of agents' behaviour.

Study in an enriched learning environment

You will explore the diversity of economics, learning directly from academics whose passion, international collaborations and research activities feed directly into their teaching and contribute to your learning experience.

Gain professional work experience

You have the option to spend your third year on a work placement, a study year abroad, or a combination of both. Placements can provide opportunities to apply your learning within a practical context. This is an excellent opportunity to test potential career paths. You can experience other cultures whilst studying or working in areas that complement your studies at Bath. The study abroad option includes The National University of Singapore and Stellenbosch University (South Africa).

Prepare for your future

Our economics graduates are very successful in today's competitive labour market. They pursue a range of careers in both the private and public sectors. Many of our graduates work as economists, financial or business analysts, researchers, accountants and tax professionals. They have worked for organisations such as, Deloitte, Bank of England, Ernst & Young (EY), Amazon and Unilever.

Develop your professional skills

An economics degree will equip you with the skills our employer and alumni networks have advised as necessary in the working environment or in the pursuit of further studies: critical and analytical thinking; quantitative skills to apply to real-life economic challenges; presentation and communication skills.

Economics

L100 BSc (Hons) Three years

L101 BSc (Hons) Four years including placement year

L104 BSc (Hons) Four years including study year abroad

L105 BSc (Hons) Four years including combined placement and study year abroad

Develop the skills you need to resolve a variety of complex economic issues. Learn core economic theories, methods and applications, and become acquainted with chosen specialist areas.

In this course, you'll study the foundations of economic theory and its applications to real-world problems. You'll explore the connections between the economy as a whole, its main sectors (such as businesses, the financial sector, government, etc.) and the decisions of individuals. You'll learn how to apply economic principles and methods to policy issues. You'll develop your knowledge of institutions to understand how economic decisions and policies are made.

Year 1

Study key concepts in microeconomic and macroeconomic theory. Further your skills in core mathematics, statistics and data analysis. Explore Economic policy in the UK, and the modern world economy.

Year 2

Build on year 1 through intermediate study of economic theory. Acquire econometric techniques and software skills to estimate and forecast economic relationships.

Optional placement year/study abroad

Gain work experience on a placement year or opt to spend the year studying at a university abroad. You could combine study abroad with a UK or international work placement. Recent work placement employers include Morgan Stanley, Amazon, Bank of England, Welsh Government and the Cabinet Office. Study Abroad locations include Singapore and South Africa.

Final year

Study topics and techniques in advanced economic theory to critique and contribute to current debates. Tailor your choice of optional units to your personal interests.

Entry requirements

Typical offer: A*AA

GCSE

4 or C in English Language or Literature (or equivalent from category B – see page 61).

A level

A*AA including Mathematics.

International Baccalaureate

36 points and 7, 6, 6 in three Higher Level subjects including either HL Mathematics.

We can accept 6 in SL Mathematics: Analysis and Approaches if you are not studying HL Mathematics.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

For more information about this course visit: go.bath.ac.uk/econ-21

Economics and Mathematics

L102 BSc (Hons) Three years

L103 BSc (Hons) Four years including placement year

L106 BSc (Hons) Four years including study year abroad

L107 BSc (Hons) Four years including combined placement and study year abroad

Entry requirements

Typical offer: A*AA

GCSE

4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

A*AA including A*A in Mathematics and Further Mathematics.

A*AB including A*A in Mathematics and Further Mathematics plus grade 2 in STEP or a suitable score in MAT or TMUA.

We can consider you if you are not studying A level Further Mathematics (typical offers are available online).

International Baccalaureate

36 points and 7, 6, 6 in three Higher Level subjects including 6 in Mathematics: Analysis and Approaches.

36 points and 7, 6, 5 in three Higher Level subjects including 7 in Mathematics: Analysis and Approaches.

Achieve a grounding in economic theory while learning different statistical approaches for the analysis of economic data. Use these skills to analyse contemporary problems and policy.

This course is for those who want an in-depth understanding of the tools and key theories within the two disciplines of economics and mathematics. Throughout your studies, you will be immersed in a wide variety of quantitative topics. This will enable you to develop and apply your advanced mathematical skills to analysing and gaining a deep understanding of economic issues.

Year 1

Study key concepts in microeconomic and macroeconomic theory. Develop your skills in mathematical and statistical theory and applications.

Year 2

Build on year 1 through more advanced study of economic theory, mathematics and statistics. Acquire a deep understanding of economic relationships.

Optional placement year/study abroad

Gain work experience on a placement year or opt to spend the year studying at a university abroad. You could combine study abroad with an international work placement. Recent work placement employers include HSBC, UBS, Dyson and Union Bancaire Privée. Study Abroad locations include Singapore and South Africa.

Final year

Study topics and techniques in advanced economic theory and mathematics to critique and contribute to current debates. Tailor your choice of optional units to your personal interests.

For more information about this course visit: go.bath.ac.uk/econ-21

Economics and Politics

LL12 BSc (Hons) Three years

LLC2 BSc (Hons) Four years including placement year

LLC3 BSc (Hons) Four years including study year abroad

LLC4 BSc (Hons) Four years including combined placement and study year abroad

The modern world needs thoughtful, politically-conscious, questioning economists. This course helps you become a professional economist who understands how economics and politics intertwine.

In this course, you'll examine the challenges facing individuals, countries and the international community. You will develop an understanding of government and society through core concepts such as power, justice, conflict, accountability, obligation, sovereignty and decision making. You will develop strong analytical skills which will aid your understanding of the institutional, UK and global context within which economic decisions and policy formation takes place.

Year 1

Study key concepts in microeconomic and macroeconomic theory. Explore political theory and analysis, introducing central subjects such as power and the state, democracy and the climate crisis.

Year 2

Build on year 1 through more advanced study of political and economic theory. Study the exercise of power in societies and economies through an engagement with themes such as democratic theory, populist and nationalist politics, and the politics of race and gender.

Optional placement year/study abroad

Gain work experience on a placement year or opt to spend the year studying at a university abroad. You could combine study abroad with an international work placement. Recent work placement employers include Nomura, EY, Pension Protection Fund, BP and Microsoft. Study Abroad locations include Singapore and South Africa.

Final year

Explore your interests through a range of optional units in both economics and politics. Units currently being studied by our students include Environmental economics, International trade and US global politics.

Entry requirements

Typical offer: A*AA

GCSE

4 or C in English Language or Literature (or equivalent from category B – see page 61).

A level

A*AA including Mathematics.

International Baccalaureate

36 points and 7, 6, 6 in three Higher Level subjects including either HL Mathematics.

We can accept 6 in SL Mathematics: Analysis and Approaches if you are not studying HL Mathematics.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

For more information about this course visit: go.bath.ac.uk/econ-21

Education



Education is concerned with how people develop and learn throughout their lives. It involves critiquing the teaching methods and environments in which we learn.

The study of education enables you to identify and challenge the purposes, practices and functions of education in different contexts. You'll explore government priorities relating to children's lives and wellbeing, and the role of education in these. You will learn how to question the role that education plays in addressing fundamental issues relating to inequality, citizenship and the environment.

Our BA Education with Psychology degree is delivered by the Department of Education with relevant units taught by the Department of Psychology.

Study in an enriched learning experience

The course provides a diverse range of learning and assessment experiences that aim to help you apply interdisciplinary knowledge to complex real-life situations related to education and child development, as well as children and young people's lives, mental health, and family life. You'll learn from academics with expertise in education, psychology and sociology. Their international collaborations and research activities feed into undergraduate teaching and contribute to your learning experience.

Gain professional work experience

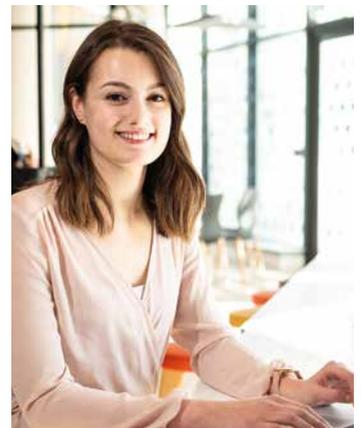
A placement year gives you valued hands-on experience. You'll encounter real-life complexities that require you to critically apply and consider what you have learned on the course to date. You'll develop your knowledge and understanding and be able to consider more deeply your passions, interests and preferences for possible career pathways. Your placement may give you an edge when applying for jobs.

Prepare for your future

The breadth and interdisciplinary nature of this degree paves the way for a range of careers. These include primary, secondary, and international school teaching, language teaching, mental health related specialisms, further training in educational and/or clinical psychology, charities and non-government organisations, postgraduate research, and family outreach work. Recent graduates have been accepted to the Teach First scheme, have continued their studies on educational and clinical psychology pathways, and have gained employment in mental health related charities such as MIND.

These courses are grouped together for rankings under the broad category of Psychology.

2nd for Psychology in the Complete University Guide 2020



“The course is delivered by the Education and Psychology departments. This means that we are able to learn about child development and the role of family from two very different perspectives. These work well together when it comes to constructing an understanding of both children and young people.”

Sophie Vis,
BA (Hons) Education
with Psychology

Education with Psychology

LX5H BA (Hons) Three years
LXM3 BA (Hons) Four years including placement year

Entry requirements

Typical offer: ABB

GCSE

4 or C in English Language or Literature (or equivalent from category B – see page 61).

A level

ABB in three A levels.

International Baccalaureate

35 points and 6, 5, 5 in three Higher Level subjects.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

For more information about this course visit:

go.bath.ac.uk/edu-psych-21

Critically explore education and how young children and adolescents learn and develop. You'll focus on contemporary society, both globally and in the UK.

Education with Psychology is a social science degree that bridges the disciplines of education, psychology and sociology. You'll be offered a blend of social science units that relate to the study of children and young people. You'll study in-depth the social and developmental contexts of childhood and youth. You'll explore government priorities relating to children's lives and wellbeing, and the role of education. You'll also develop skills in evaluating policy and practice, from both an academic and work-practice perspective.

Year 1

You'll study core introductory units in education, psychology and research methods. You'll examine philosophical, sociological or psychological perspectives of education, learning, policy, families, social justice and deviance.

Year 2

Build on year 1 through continued studies of research methods and the study of advanced topics in education and psychology. You'll examine contemporary issues and challenges that affect children, families and young people.

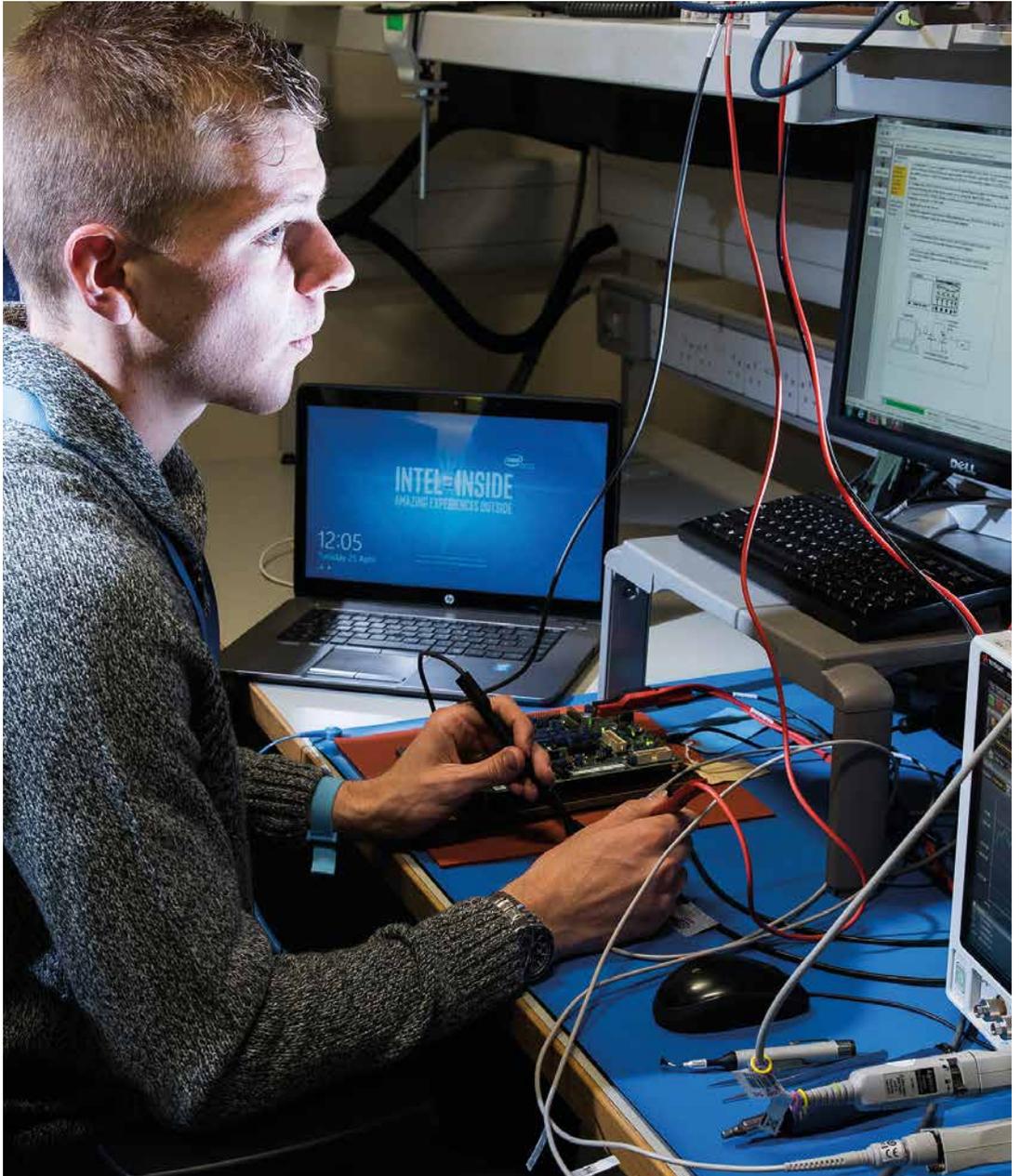
Optional placement year

Experience working life within an organisation that reflects your interests and possible career pathways. National and International work placements have included: educational research, teaching in schools, mental health related work, children's charities, family outreach work and early years provision.

Final year

Learn about contemporary issues in childhood and youth, educational psychology, and developmental psychopathology. Specialise according to your interests by writing a dissertation on a topic of your choice.

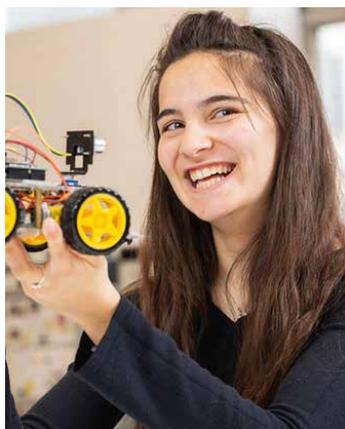
Electronic and electrical engineering



The study of electricity and its application in modern systems and devices, underpinning most technological advances in industry and society.

Top 10 for electronic and electrical engineering in the Guardian University Guide 2020

Top 10 for electronic and electrical engineering the Times and Sunday Times Good University Guide 2020



“The campus is beautiful, the people are friendly, and it has a pleasant atmosphere. All the lecturers are incredibly helpful, and I have always felt comfortable enough to go and ask for help when I need it.”

Maria Petrou,
MEng (Hons) Robotics
Engineering with placement year

Electronic and electrical engineering is the driving force behind many of our systems, infrastructure and technologies. In a sector that is evolving, engineers need to combine design creativity with scientific analysis to develop the next products and applications. At Bath, we want to give you the knowledge and confidence to not just keep up with these advances, but to be at the front leading them.

Gain professional experience

Apply theoretical knowledge to the workplace and develop skills in a professional environment on a year-long placement. Your experience can benefit the rest of your degree and improve your career prospects. Our students have worked at companies including Intel, Jaguar Land Rover, Thales and McLaren Electronics. We also have partnerships with the UK Electronics Skills Foundation and the IET Power Academy, giving you access to scholarships with leading companies.

Study in an enriched learning environment

You'll learn from academics with expertise in electronic and electrical engineering. Their international collaborations and research activities feed into undergraduate teaching and contribute to your learning experience.

Use specialist facilities

Our laboratories are designed to be similar to industrial workspaces so you gain insight into what it is like to work in a professional environment. These include laboratories for tomography, superconductivity, autonomous systems and robotics. We also have facilities for optoelectronics and circuit board prototyping, and a mechanical workshop.

Prepare for your future

We work with industry to make sure our course content reflects the needs of engineering industries. You'll graduate with the technical expertise and transferable skills to pursue a career in high-technology industries in electronics, power, aerospace, communications, robotics or manufacturing.

Computer Systems Engineering

GH46 BEng (Hons) Three years
 GHK6 BEng (Hons) Four years including placement year
 HG64 MEng (Hons) Four years
 HGP4 MEng (Hons) Five years including placement year

Combine electronic engineering expertise with advanced knowledge of computer hardware and software skills to develop the computer systems of the future.

Our course prepares you for a career in an advancing field at the interface of engineering and computing. You'll gain in-depth knowledge of modern computer systems, software engineering, computer graphics and embedded programming to become a systems-level expert.

Working with the latest digital technology, you'll design systems such as embedded microprocessors, programmable integrated circuits or high-performance computers. You'll also learn how to use industry standard programming and hardware design languages, operating systems and applications.

Year 1

Gain knowledge in areas such as circuit theory, mathematics, digital electronics and engineering physics. Develop key practical skills in programming, microprocessors, embedded software and printed circuit board design.

Year 2

Expand your knowledge in signal processing, data structures and algorithms and control systems. Explore specialist areas such as communication principles and artificial intelligence. You'll continue to develop advanced practical skills through design, manufacture and test projects.

Optional placement year

Gain valuable professional experience by taking a year-long industrial placement while benefiting from the full support of our Placements team and academic staff.

MEng penultimate year/BEng final year

You'll study visual computing, digital networks and advanced signal processing as well as optional units such as spacecraft systems engineering, microelectronics or parallel computing. This flexibility allows you to build your degree around your computer systems interests. You'll carry out an individual and group project (BEng) or group project (MEng).

MEng final year

You'll study digital image processing, computational intelligence and optional topics including advanced instrumentation, biosensors and bioelectronics or satellite-based navigation systems. You'll carry out a research project in an area of your interest.

Entry requirements

Typical offer: AAA or A*AB

GCSE

4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

AAA or A*AB including A in Mathematics and a second science or technology subject.

International Baccalaureate

36 points and 6, 6, 6 or 7, 6, 5 in three Higher Level subjects including 6 in either HL Mathematics and a second science or technology subject.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

Professional accreditation

BEng: Accredited by the Institution of Engineering and Technology (IET) licensed by the Engineering Council, to partially meet the educational requirements for a Chartered Engineer.

MEng: Accredited by the Institution of Engineering and Technology (IET) licensed by the Engineering Council, to fully meet the educational requirements for a Chartered Engineer.

For more information about this course visit: go.bath.ac.uk/electrical-elec-eng-21

Electrical and Electronic Engineering

- H603 BEng (Hons) Three years
 H604 BEng (Hons) Four years including placement year
 H600 MEng (Hons) Four years
 H601 MEng (Hons) Five years including placement year

Entry requirements

Typical offer: **AAA or A*AB**

GCSE

4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

AAA or A*AB including A in Mathematics and a second science or technology subject.

International Baccalaureate

36 points and 6, 6, 6 or 7, 6, 5 in three Higher Level subjects including 6 in either HL Mathematics and a second science or technology subject.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

Professional accreditation

BEng: Accredited by the Institution of Engineering and Technology (IET) licensed by the Engineering Council, to partially meet the educational requirements for a Chartered Engineer.

MEng: Accredited by the Institution of Engineering and Technology (IET) licensed by the Engineering Council, to fully meet the educational requirements for a Chartered Engineer.

Learn the latest theoretical, hardware and software skills to pursue a professional career as an electrical and electronic engineer.

Our course gives you a broad and flexible education in electrical and electronic engineering. The range of engineering units lets you tailor your degree to your interests to support your future career choices.

From your first day, you'll build on your understanding of electrical and electronic principles and gain an appreciation for new engineering techniques. Learning about the practical technologies used in industry gives you insight into current practices in professional engineering. You'll take creative approaches to solve engineering problems on topics such as virtual reality tracking systems, electrical motors and drives, medial sensors or next-generation LEDs.

Year 1

Gain knowledge in areas such as circuit theory, mathematics, digital electronics and engineering physics. Develop key practical skills in programming, lab techniques and printed circuit board design.

Year 2

Expand your knowledge of signal processing, control systems and power electronics. Explore specialist areas such as communication principles and advanced electromagnetics. You'll continue to develop advanced practical skills through design, manufacture and test projects.

Optional placement year

Gain valuable professional experience by taking a year-long industrial placement while benefiting from the full support of our Placements team and academic staff.

MEng penultimate year/BEng final year

You'll study a range of optional topics such as digital communications, power systems, microelectronics or spacecraft systems engineering. This is so you can build your degree around your interests. You'll carry out an individual and group project (BEng) or group project (MEng).

MEng final year

You'll study more optional topics including computational intelligence, biosensors and bioelectronics, advanced instrumentation and sensors and energy management systems. You'll carry out a research project in an area of your interest.

For more information about this course visit: go.bath.ac.uk/electrical-elec-eng-21

Electronic Engineering with Space Science and Technology

H6H4 BEng (Hons) Three years
 H6H7 BEng (Hons) Four years including placement year
 H6HK MEng (Hons) Four years
 H6H5 MEng (Hons) Five years including placement year

Design, operate and build electronic systems for the space environment. Gain the engineering skills needed for a career in the space industry.

Our course takes you beyond the conventional engineering difficulties of designing equipment for use on Earth's surface. Instead, you'll develop the skills needed to design and build systems and platforms for the hostile environment of space.

You'll grow your understanding of electrical engineering science before specialising in electronics and communications technologies with elements of space and planetary science. Your learning will be supported by the latest theory and practice in spacecraft engineering, space electronics, Earth observation, the space environment and weather.

Year 1

Gain knowledge in areas such as circuit theory, mathematics, digital electronics and engineering physics. Develop key practical skills in programming, lab techniques and PCB design.

Year 2

Expand your knowledge of signal processing, control systems and power electronics. Explore specialist areas such as communication principles and advanced electromagnetics. You'll continue to develop advanced practical skills through design, manufacture and test projects.

Optional placement year

Gain valuable professional experience by taking a year-long industrial placement while benefiting from the full support of our Placements team and academic staff.

MEng penultimate year/BEng final year

You'll study spacecraft systems engineering, digital networks and protocols, radio and optical waves for communications as well as optional units. You'll carry out an individual and group project (BEng) or group project (MEng).

MEng final year

You'll study advanced modules including radar systems and remote sensing, and satellite-based navigation systems. You'll take optional topics including computational intelligence and advanced electronic materials. You'll carry out a research project in an area of your interest.

Entry requirements

Typical offer: AAA or A*AB

GCSE

4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

AAA or A*AB including A in Mathematics a second science or technology subject.

International Baccalaureate

36 points and 6, 6, 6 or 7, 6, 5 in three Higher Level subjects including 6 in either HL Mathematics and a second science or technology subject.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

Professional accreditation

BEng: Accredited by the Institution of Engineering and Technology (IET) licensed by the Engineering Council, to partially meet the educational requirements for a Chartered Engineer.

MEng: Accredited by the Institution of Engineering and Technology (IET) licensed by the Engineering Council, to fully meet the educational requirements for a Chartered Engineer.

For more information about this course visit: go.bath.ac.uk/electrical-elec-eng-21

Robotics Engineering

H652 MEng (Hons) Four years

H653 MEng (Hons) Five years including placement year

Entry requirements

Typical offer: AAA or A*AB

GCSE

4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

AAA or A*AB including A in Mathematics and Physics.

International Baccalaureate

36 points and 6, 6, 6 or 7, 6, 5 in three Higher Level subjects including 6 in either HL Mathematics and Physics.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

For more information about this course visit: go.bath.ac.uk/electrical-elec-eng-21

Be part of the robotics revolution. Study a progressive area of engineering to pursue a career in robotics and automation.

Do you aspire to contribute to the future of an expanding industry in engineering? Our course will help you do this by advancing your knowledge of robotics, artificial intelligence and electronics systems at the forefront of engineering and design.

You'll learn the core aspects of electronic, electrical and mechanical engineering. And you'll combine these with areas of computer science, giving you a comprehensive overview of robotics. Project work gives you the chance to put your theory into practice and gain the technical design skills valued in industry.

Year 1

Gain knowledge in fundamental engineering including circuit theory, mathematics, solid mechanics and mechatronics systems. Develop key practical skills in programming and robotics design.

Year 2

Expand your knowledge of solid mechanics, signal processing, electromagnetics and electronic devices and circuits. Explore specialist areas such as communication principles and artificial intelligence. You'll continue to develop advanced practical skills through design, manufacture and test projects.

Optional placement year

Apply what you've learnt at university in a professional context with a placement year. Your experience can benefit the rest of your degree and improve your career prospects.

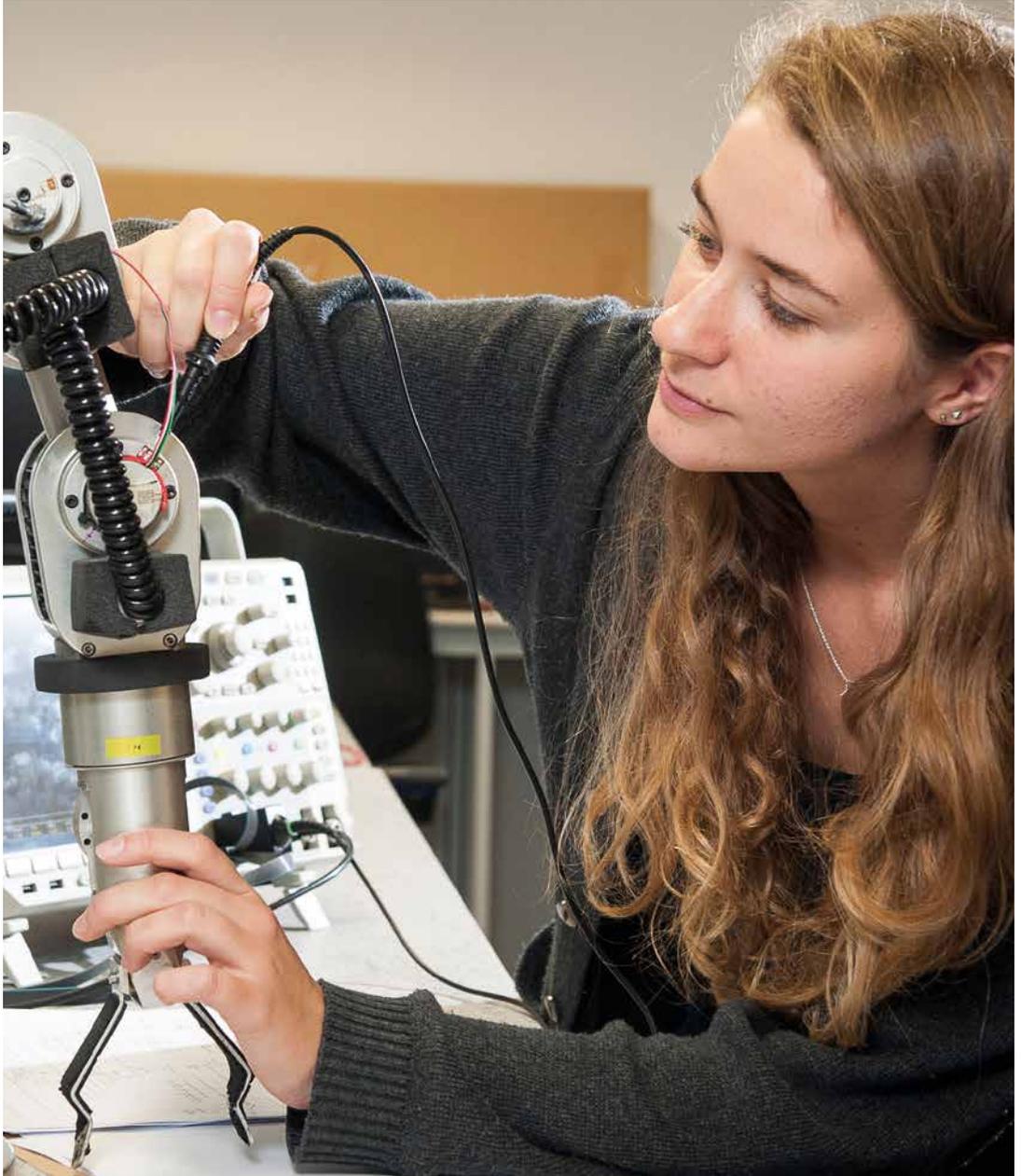
Penultimate year

You'll study robotics and autonomous systems and optional topics such as integrated engineering. You'll also carry out a group project.

Final year

You'll study robotics engineering and optional topics such as biosensors and bioelectronics, electrical vehicle design or biomimetics. You'll carry out a research project in an area of your interest.

Integrated mechanical and electrical engineering



Learn about the design and manufacture of electrical and mechanical devices, technologies and systems by combining the core elements of both engineering sciences.

4th for mechanical engineering in the Complete University Guide 2020

Top 10 for electronic and electrical engineering in the Guardian University Guide 2020



“My time on placement made me realise my passion for robotics and programming, and I’m excited to use my skills that I’ve learnt to continue my career in robotics.”

Patrick McLaughlin,
MEng (Hons) Integrated
Mechanical and Electrical
Engineering with placement

Mechanical and electrical engineering underpin many of the technologies that support how we live such as transport, energy and communication. To advance these technologies, industries need more from their engineers than expertise in one discipline. They want graduates who understand how to combine engineering disciplines to tackle complex problems. Our course brings together these two subjects to give you the multidisciplinary skills and integrated knowledge to make a valuable contribution to engineering industries.

Gain professional experience

Apply your knowledge to the workplace and learn about the technologies and processes used in industry on placement. Having professional experience can benefit the rest of your degree as well as improve your career prospects. Our students have worked at companies including OC Robotics, Renishaw and Jaguar Land Rover.

Study in an enriched learning environment

You’ll learn from academics with expertise in mechanical and electrical engineering including biomechanics, tomography, automotive engineering and advanced sensors. Their international collaborations and research activities feed into undergraduate teaching and contribute to your learning experience.

Use specialist facilities

We’ve designed our laboratories to be similar to industrial workspaces so you gain insight into what it’s like to work in a professional environment. These include laboratories for electric vehicles, robotics and autonomous systems design, rapid prototyping and a mechanical workshop.

Prepare for your future

We work with industry to make sure our course reflects the needs of engineering industries. When you graduate, you’ll have the interdisciplinary skills useful in a range of engineering professions. You could pursue a career in high-technology industries including electronics, power, automotive, robotics, aerospace or manufacturing.

Integrated Mechanical and Electrical Engineering

HHJ6 MEng (Hons) Four years
HH3Q MEng (Hons) Five years including placement year

Develop core knowledge of systems engineering across both mechanical and electrical engineering to boost your career prospects in industry.

Our course gives you a unique chance to balance an understanding of mechanical, electrical and electronic engineering sciences with a focus on systems engineering. You'll develop a comprehensive knowledge of mechanics, materials, electrical and electronic systems and circuits. And you'll explore the theory and practice of the latest mechanical and electrical technologies.

You'll apply your knowledge in projects and laboratory work where you'll design and develop products and systems. You'll also gain transferable skills to prepare you for an engineering career.

Year 1

Gain knowledge in fundamental engineering including circuit theory, mathematics, solid mechanics and mechatronics systems. Develop key practical skills in programming and robotics design.

Year 2

Expand your knowledge of modelling techniques, electromagnetics, and electronic devices and circuits. Explore specialist areas such as fluid mechanics, signals, systems and communications. You'll continue to develop advanced practical skills through design, manufacture and test projects.

Optional placement year

Apply what you've learnt at university in a professional context with a placement year. Your experience can benefit the rest of your degree and improve your career prospects.

Penultimate year

You'll study control engineering, power electronics and integrated engineering as well as optional topics such as vehicle dynamics, mechanical vibration and noise, and microelectronic systems. You'll also carry out a group project.

Final year

You'll study robotics engineering and take optional topics such as computational intelligence, fluid power or energy and the environment. You'll carry out a research project in an area of your interest.

Entry requirements

Typical offer: AAA or A*AB

GCSE

4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

AAA or A*AB including A in Mathematics and Physics.

International Baccalaureate

36 points and 6, 6, 6 or 7, 6, 5 in three Higher Level subjects including 6 in either HL Mathematics and Physics.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

Professional accreditation

Accredited by the Institution of Engineering and Technology (IET), and the Institution of Mechanical Engineers (IMechE), licensed by the Engineering Council, to fulfil the educational requirements for a Chartered Engineer.

For more information about this course visit:

go.bath.ac.uk/int-mech-elec-21

International development



International development concerns the global challenge of combating poverty and injustice, so people everywhere may find a better future.

Why does rising material prosperity often bring greater inequality? Are current ways of living and models of growth sustainable? International development investigates and seeks to find answers to these questions. Centred on Africa, Asia and Latin America, you will learn to apply theories and methods from economics, politics, sociology and anthropology to analyse development problems. Using case studies and diverse forms of data, you will also explore how policies, projects, businesses and people's movements aim to provide solutions. What works in practice, how, why and for whom?

Study in an enriched learning environment

You'll experience a multi-disciplinary approach which is policy and practice oriented and rooted in social science research methods. You will be able to choose from a range of optional units across economics, politics and the social sciences. Seminar classes will give the opportunity to discuss topics in depth in a small group. Practical examples in the classroom will bring to life how theoretical approaches connect to real world experience.

Gain professional work experience

The optional placement year enables you to apply what you have learned in the workplace. You'll also develop further practical and transferable skills. You may work in a company, charity or government institution. You can take one year-long placement or two shorter placements over the year. Recent placement providers include Microsoft, Toyota GB, DEFRA, Vodafone, Unilever, and Development Initiatives.

Prepare for your future

Studying international development provides you with an academic foundation for a career in a range of fields. These could include:

- government and international agencies
- non-government organisations
- development consultancies
- international businesses (especially in emerging markets)

It also provides a solid foundation for postgraduate training for journalism, teaching and business.



“My placement at an INGO was an invaluable insight into the development sector. The direct responsibility to oversee projects in the Middle East gave me a sense of immense satisfaction and urgency, driving my passion to work in the field. Applying my theoretical knowledge while also learning key practical skills has better shaped my experience and understanding of the degree.”

BSc International Development with Economics student, Nabaa Zaynah, spent a year with the Al-Khair Foundation; an international non-governmental organisation based in Croydon.

International Development with Economics

53H3 BSc (Hons) Three years
L407 BSc (Hons) Four years including placement year

Entry requirements

Typical offer: AAB

GCSE

7 or A in Mathematics and 4 or C in English Language or Literature (or equivalent from category B – see page 61).

A level

AAB in three A levels.

International Baccalaureate Diploma

36 points and 6, 6, 5 in three Higher Level subjects.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

For more information about this course visit:

go.bath.ac.uk/int-dev-econ-21

Explore how we can build a sustainable global future that leaves no-one behind. Develop a broad-based social science approach with a grounding in economics.

On this degree you will study some of the most important challenges facing our global society – poverty, inequality, climate change, conflict and migration. Alongside economic methods and analysis, training in sociology and anthropology, politics and social research will enable you to apply a multi-disciplinary approach. With a strong orientation towards policy and practice, you will explore problems and solutions at local through national and international levels, guided by staff sharing from their own experience of development work and research.

Year 1

Develop your knowledge of economic principles and applications. Analyse international development from economic, social, and political perspectives. Build your skills in qualitative and quantitative research.

Year 2

Deepen your knowledge of development economics. Develop your understanding of the economic, social and political dimensions of diverse global and local challenges. Extend your skills in qualitative and quantitative research.

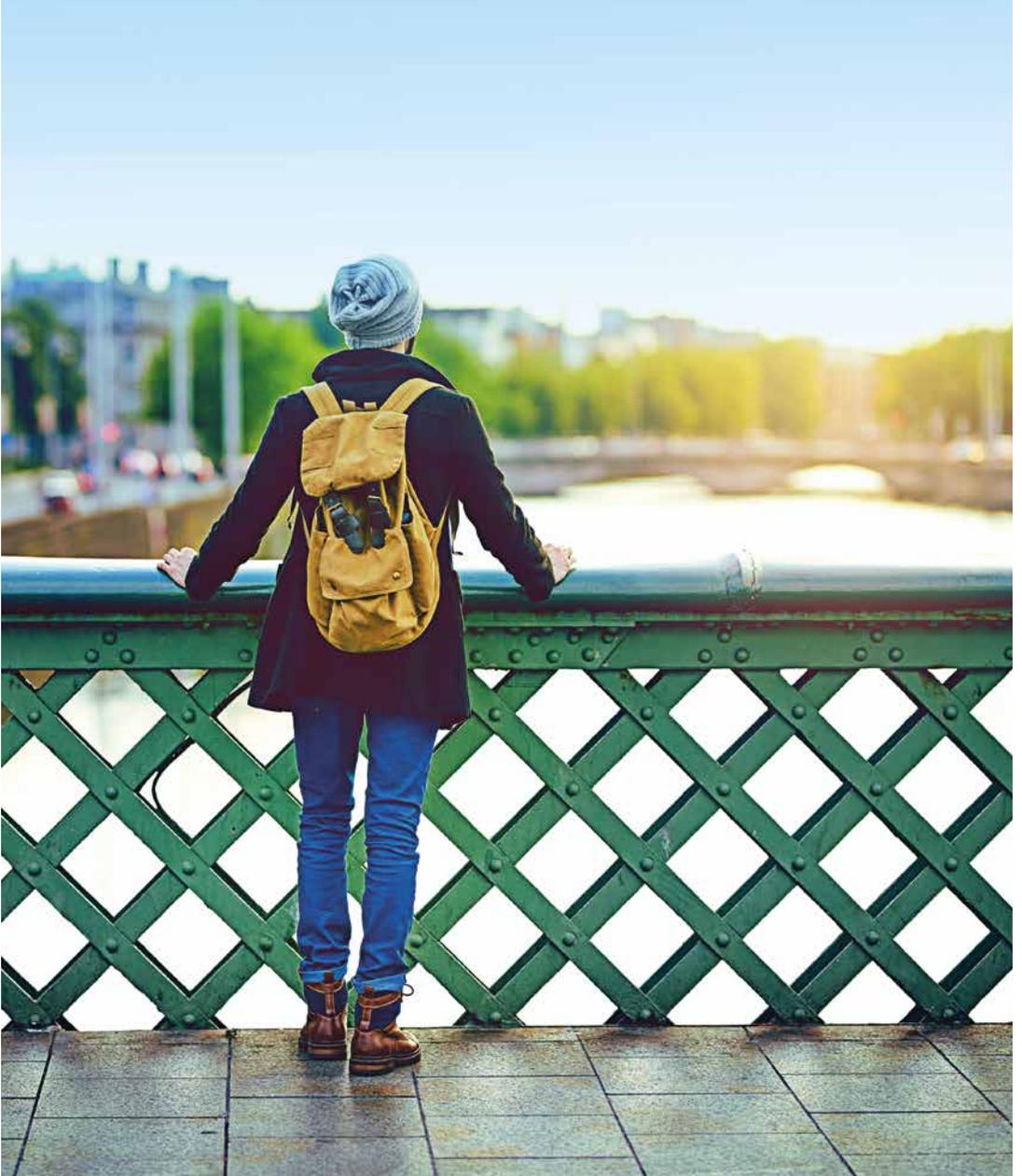
Optional placement year

You can apply for this course with a placement year, giving you the opportunity to develop your skills and knowledge in industry or the public or non-governmental sectors.

Final year

Specialise further and pursue topics that most interest you. Undertake your own research on a subject of your choice. Seek solutions to global and local problems through economic and multi-disciplinary analysis.

Modern languages



Languages are passports to life, enabling you to become a global citizen. You'll foster communication and broaden your knowledge of cultures and perspectives.

Top 10 for Graduate Prospects for Italian in the Times and Sunday Times Good University Guide 2020



“Before I began my internship, little did I know I would be getting to know some of the world’s leading business professionals, from Paris and London to New Jersey and Nashville. The experience has taught me valuable lessons and skills that will benefit both my personal and professional life in the future.”

Shauna McDonald, BA (Hons) Modern Languages and European Studies (Spanish and *ab initio* Italian). Placement at Loftus Bradford, Spain.

Communication skills lie at the heart of every language course. Learning a language, whether at beginner (*ab initio*) or at an advanced level, will involve developing language learning as well as cultural understanding. You'll learn how to communicate across cultures. In today's globalised and competitive employment market, languages and intercultural communication give you unique employability and transferable skills you'll be able to apply to a wide variety of careers.

Study in an enriched learning environment

Our language teaching is inclusive and responds to your needs. You'll learn from staff with expertise in topics across modern languages, culture and politics. Their international collaborations and research activities feed into teaching and contribute to your learning experience.

Improve your language skills by studying abroad

You'll spend your third year abroad where you can live in the countries of your chosen languages. You could spend your time on a study placement at a foreign university, as a language assistant in a school, or on a work placement. You may also have the flexibility of a combination of any of these options.

Prepare for your future

Your potential career paths are wide-ranging. Our graduates have become professional linguists, such as translators and interpreters in the European Parliament, or work as teachers. Most find work in public and private sector institutions, where their communication skills and cultural and social awareness are highly valued.

Develop your professional skills

The excellent communication skills acquired make our Modern Languages graduates employable, flexible and resilient. Language materials in the final year focus on different industries, giving you the vocabulary and knowledge of different sectors. Our current students highlight working on presentations in the foreign language as one of the many important transferable skills they develop.

Modern Languages

R900 BA (Hons) Four years including year abroad

Prepare for an international career. Achieve fluency in your A-level language and pick up a new one. Deepen your knowledge and understanding of political and cultural issues.

Studying Modern Languages enables you to read, write and speak two foreign languages with proficiency, as well as understand the social, political, economic and cultural evolution of the principal countries in which these languages are spoken.

Choose one advanced-level language from French, German or Spanish, plus either a second advanced-level language or one of the following beginner languages: French, German, Italian, Mandarin, Russian or Spanish.

You'll gain skills in research, analysis, communication and argument, and experience direct exposure to the cultures you study.

Year 1

Study written and spoken languages with a contemporary focus. Explore the history, cultures and societies of countries in which your language is spoken.

Year 2

Advance your languages and intercultural knowledge. Study written and spoken languages and units relating to the culture or politics of your chosen language.

Year abroad

Recent study abroad locations include: Sciences Po (Paris), University of Siena (Italy) and National University of San Martin (Argentina). Recent work placements include: GE Power (France), European Parliament (Luxembourg), Stay U-nique (Spain), Di Palma Associati (Italy), Fujitsu (Germany).

Final year

Apply your high levels of fluency to a range of topics that will prepare you for employment. You can study topics covering the culture or politics of your chosen countries, taught mostly in the target language.

Entry requirements

Typical offer: AAB

GCSE

4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

AAB in three A levels.

For advanced language options, your A level subjects must include that language.

International Baccalaureate Diploma

35 points and 6, 6, 5 in three Higher Level subjects.

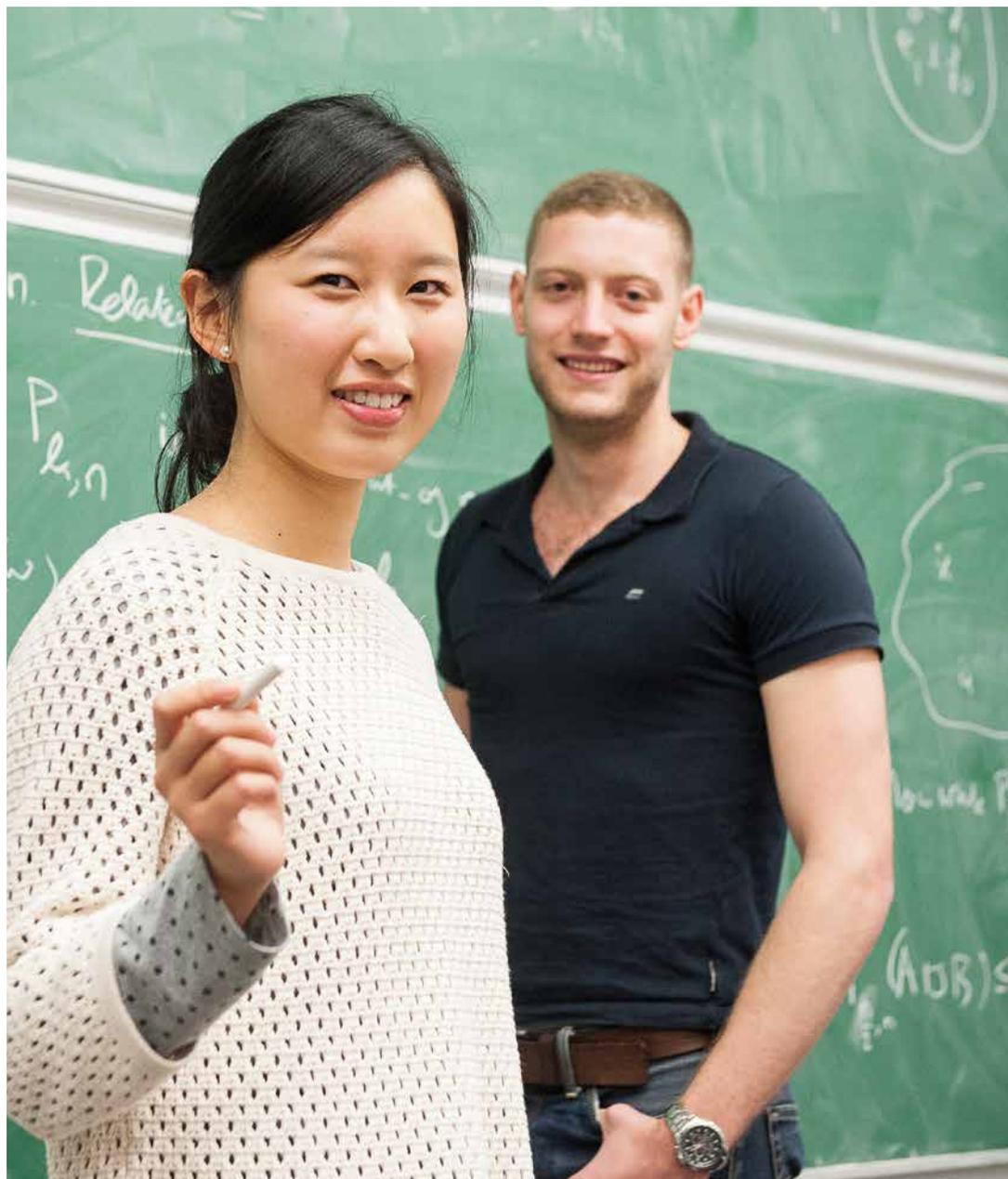
For advanced language options, you will normally need 5 in that language at Higher Level or 6 in SL Language B.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

For more information about this course visit:

go.bath.ac.uk/mod-lang-21

Mathematical sciences



Mathematics and statistics underpin all the physical sciences and are increasingly important to social sciences and management.

Studying a mathematics degree gives you the opportunity to put your knowledge and skills in problem solving into practice. You'll develop a theoretical understanding and practical skills in mathematics, statistics and computing. Our courses capture the essence of mathematical thinking, which means you'll graduate not only with the skills and knowledge for a successful career, but with an appreciation of the scope, value and beauty of the subject.

All of our courses are flexible and allow for a wide choice of units after year one. You may be able to switch courses during the first year.

As a mathematics student here, you'll have access to a wide range of support options, including tutorials, a Personal Tutor and the Mathematics Resources Centre.

Gain professional work experience

Going on placement gives you the chance to apply what you've learned at university to a year working professionally. It'll broaden your experience and transferable skills, and could improve your career prospects. Recent placement employers include BAE Systems, Deloitte, EY, JP Morgan and Office of National Statistics.

Put your learning into practice

Alongside teaching, our academics carry out their own research in all branches of mathematics, which means you'll be learning about the latest developments. Some units will give you the opportunity to work alongside our academics and contribute to research in the Department.

Use specialist facilities

You'll have access to our Mathematics Resource Centre (MASH) to assist with revision and coursework if you need it. A final-year option also provides the opportunity to use our high-performance computing facility 'Balena', which can perform over 110 trillion calculations a second.

Prepare for your future

You could go on to work in a wide variety of areas such as in the finance sector as an accountant, actuary or analyst, as a statistician in government or into teaching. You'll also be well prepared for further study, such as a PhD, or roles developing software in commerce or the technology sector.

100% student satisfaction for MMath Mathematics in the National Student Survey 2019

90% student satisfaction for BSc Mathematics including placement year in the National Student Survey 2019



“We have tutorials for each module which is really useful to get the one to one support from tutors.”

Anisah Kaleemullah,
BSc Mathematics and Statistics
including placement year

Mathematical Sciences

G140 BSc (Hons) Three years

G141 BSc (Hons) Four years including placement year

G142 BSc (Hons) Four years including study year abroad

Entry requirements

Typical offer: A*AA

GCSE

4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

A*AA including A*A in Mathematics and Further Mathematics.

A*AB including A*A in Mathematics and Further Mathematics plus grade 2 in STEP or a suitable score in MAT or TMUA.

We can consider you if you are not studying A level Further Mathematics (typical offers are available online).

International Baccalaureate

36 points and 7, 6, 6 in three Higher Level subjects including 6 in Mathematics: Analysis and Approaches.

36 points and 7, 6, 5 in three Higher Level subjects including 7 in Mathematics: Analysis and Approaches.

For more information about this course visit:

go.bath.ac.uk/maths-21

Develop a broad foundation of theory and practical skills in mathematics, statistics and computing, preparing you for specialist and non-specialist careers.

Mathematical Sciences combines traditional mathematics with statistics and computing. This course is for you if you'd like to keep your options open and study a broader range of topics.

In the first year, you'll explore an introduction to mathematics at university level before choosing areas in which you'd like to specialise later in the course. In year two, you'll also have the option to study computing, physics and economics units run by other departments.

Year 1

You'll study a wide range of subjects in pure mathematics (algebra, analysis and foundations) and applied mathematics (methods and modelling, probability and statistics, and programming).

Year 2

Further expand your knowledge by choosing optional units across a wide range of subjects in pure mathematics, applied mathematics, statistics and beyond. Examples include accounting, algebra, analysis, computer systems, econometrics, probability and statistics.

Optional placement/study year abroad

You can apply for this course with a placement, giving you the opportunity to put your skills and knowledge into practice with a year's work experience. Recent employers include BAE Systems, Deloitte, EY and JP Morgan.

Alternatively, you could opt to study for a year at a university abroad. You'll experience another culture whilst studying a course that complements your studies at Bath.

Final year BSc

You'll study more advanced optional units, giving you the opportunity to build your degree around your interests. Examples include complex analysis, mathematical biology and medical statistics.

Mathematics

- G100 BSc (Hons) Three years
 G101 BSc (Hons) Four years including placement year
 G105 BSc (Hons) Four years including study year abroad
 G103 MMath (Hons) Four years
 3FG4 MMath (Hons) Five years including placement year
 G104 MMath (Hons) Four years including study year abroad

Gain specialist knowledge in pure mathematics, applied mathematics and/or statistics, preparing you for a variety of technical and non-specialised careers.

Mathematics enables us to reason logically, to understand structure and to formulate scientific principles, whether from the physical, life or social sciences.

At the start of the course, you'll gain a broad education in pure and applied mathematics, including programming and statistics. You'll have the freedom to study a broader mathematical pathway or specialise in your favourite subject areas, enhancing your analytical thinking and appreciation of the beauty of mathematics.

Year 1

You'll study a wide range of subjects in pure mathematics (algebra, analysis and foundations) and applied mathematics (methods and modelling, probability and statistics, and programming).

Year 2

Further expand your knowledge by choosing optional units across a wide range of subjects in pure mathematics, applied mathematics, statistics and beyond. Examples include algebra, analysis, ordinary differential equations, modelling and dynamical systems, vector calculus, probability and statistics.

Optional placement year/study year abroad

You can apply for this course with a placement, giving you the opportunity to put your skills and knowledge into practice with a year's work experience. Recent employers include Cancer Research UK, GeneSys and GlaxoSmithKline.

Alternatively, you could opt to study for a year at a university abroad. You'll experience another culture whilst studying a course that complements your studies at Bath.

Final year BSc

You'll study more advanced optional units, giving you the opportunity to build your degree around your interests. Examples include complex analysis, measure theory and applied statistics.

Additional areas of study on the MMath course

The final year of the MMath course gives you the chance to study more advanced taught units and carry out a master's-level research project, providing a greater exposure to mathematics research.

Entry requirements

Typical offer: A*AA

GCSE

4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

A*AA including A*A in Mathematics and Further Mathematics.

A*AB including A*A in Mathematics and Further Mathematics plus grade 2 in STEP or a suitable score in MAT or TMUA.

We can consider you if you are not studying A level Further Mathematics (typical offers are available online).

International Baccalaureate

36 points and 7, 6, 6 in three Higher Level subjects including 6 in Mathematics: Analysis and Approaches.

36 points and 7, 6, 5 in three Higher Level subjects including 7 in Mathematics: Analysis and Approaches.

For more information about this course visit:

go.bath.ac.uk/maths-21

Mathematics and Statistics

GG13 BSc (Hons) Three years

GG31 BSc (Hons) Four years including placement year

GG32 BSc (Hons) Four years including study year abroad

Entry requirements

Typical offer: A*AA

GCSE

4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

A*AA including A*A in Mathematics and Further Mathematics.

A*AB including A*A in Mathematics and Further Mathematics plus grade 2 in STEP or a suitable score in MAT or TMUA.

We can consider you if you are not studying A level Further Mathematics (typical offers are available online).

International Baccalaureate

36 points and 7, 6, 6 in three Higher Level subjects including 6 in Mathematics: Analysis and Approaches.

36 points and 7, 6, 5 in three Higher Level subjects including 7 in Mathematics: Analysis and Approaches.

For more information about this course visit:

go.bath.ac.uk/maths-21

Gain specialist knowledge in pure and applied mathematics with a particular focus on statistics, preparing you for a career as a practicing statistician.

Mathematics enables us to reason logically, to understand structure and formulate scientific principles. Statistics is the collection, analysis and interpretation of data that is central to scientific progress, sound medical research and the work of government.

At the start of the course, you'll gain a broad education covering pure and applied mathematics, including programming and statistics. You'll specialise later in the course with an emphasis on statistics and probability.

Year 1

You'll study a wide range of subjects in pure mathematics (algebra, analysis and foundations) and applied mathematics (methods and modelling, probability and statistics, and programming).

Year 2

Further expand your knowledge in statistics. You'll also start to specialise by studying subjects in pure mathematics, applied mathematics and more. Examples include analysis, algebra, ordinary differential equations, modelling and dynamical systems, vector calculus, probability and statistics.

Optional placement year/study year abroad

You can apply for this course with a placement, giving you the opportunity to put your skills and knowledge into practice with a year's work experience. Recent employers include BAE Systems, Deloitte and JP Morgan.

Alternatively, you could opt to study for a year at a university abroad. You'll experience another culture whilst studying a course that complements your studies at Bath.

Final year

You'll study generalised linear models and will have the opportunity to build your degree around your interests by studying more advanced optional units, focusing on statistics. Examples include Bayesian statistics, applied statistics and medical statistics.

Mathematics, Statistics and Data Science

G305 BSc (Hons) Three years
 G306 BSc (Hons) Four years including placement year
 G307 BSc (Hons) Four years including study year abroad

Gain a range of skills in applied mathematics, and specialist skills in programming, statistics and data analysis leading to a career in data science.

Data Scientists use data to understand the world around us and make decisions in science, industry, government and society.

You'll gain a broad training in mathematics and statistics, and develop specialist skills for a technical career in data science or related fields. This includes hands-on experience in analysing data from real-life applications. You'll learn how data science is used in a wide range of industries and gain an understanding of machine learning and artificial intelligence at the cutting-edge.

Year 1

You'll study a wide range of subjects in pure mathematics (algebra, analysis and foundations), applied mathematics (methods and modelling, probability and statistics, and programming) and data science.

Year 2

You'll study subjects in data science, machine learning and statistics, gaining programming skills in languages commonly used by data scientists. You'll also choose units in pure and/or applied mathematics.

Optional placement year/study year abroad

You can apply for this course with a placement, giving you the opportunity to put your skills and knowledge into practice with a year's work experience.

Alternatively, you could opt to study for a year at a university abroad. You'll experience another culture whilst studying a course that complements your studies at Bath.

Final year

You'll carry out case studies in data science applications. You'll also study more advanced optional units, giving you the opportunity to specialise further in areas that interest you most. Examples include numerical analysis, medical statistics, mathematical biology, Bayesian statistics and machine learning.

Entry requirements

Typical offer: A*AA

GCSE

4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

A*AA including A* in Mathematics.

A*AB including A* in Mathematics and B in Further Mathematics.

International Baccalaureate Diploma

36 points and 7, 6, 6 in three Higher Level subjects including 6 in HL Mathematics: Analysis and Approaches.

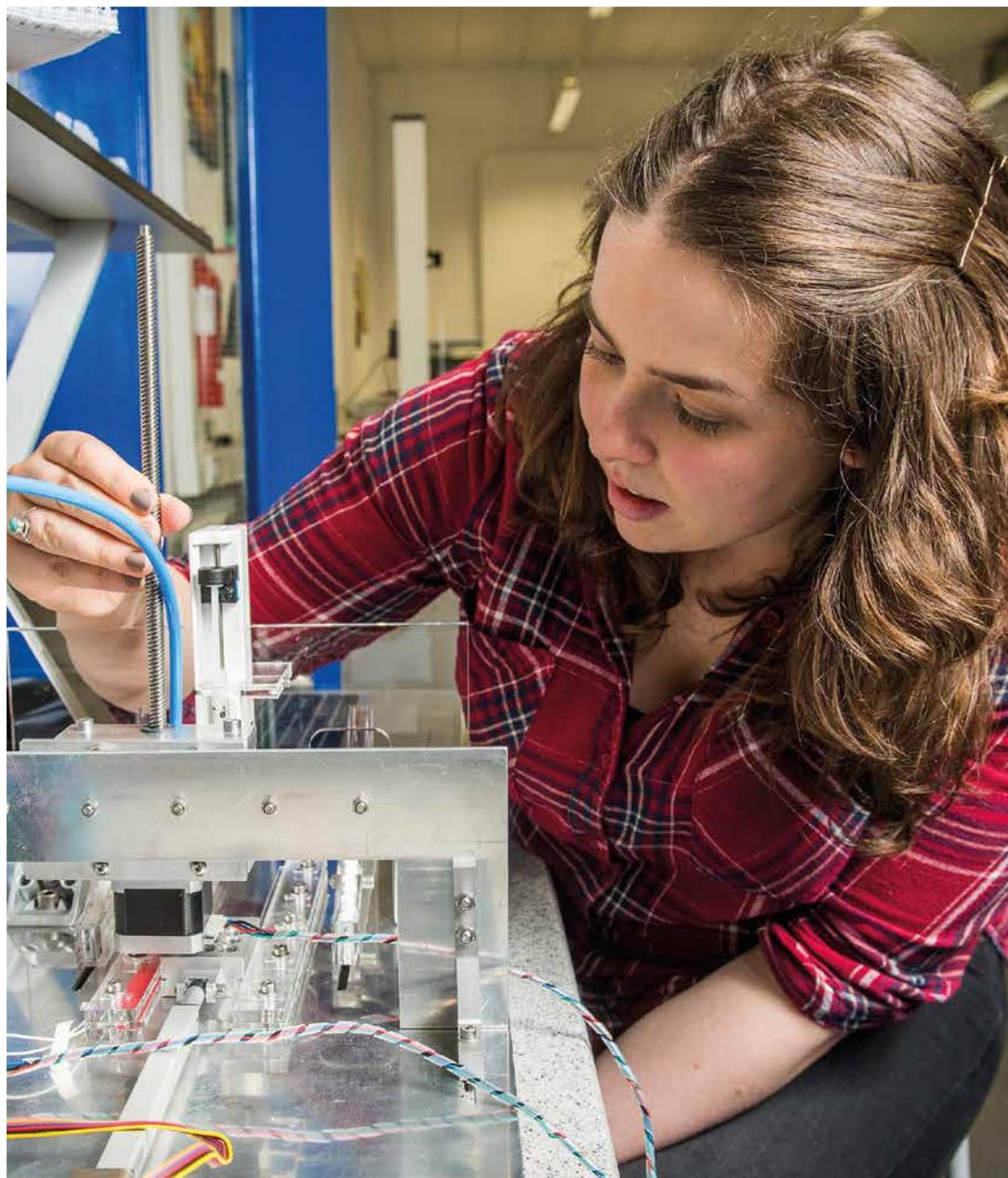
36 points and 7, 6, 5 in three Higher Level subjects including 7 in HL Mathematics: Analysis and Approaches.

See page 63 for alternative offers including EPQs and the Welsh Baccalaureate. We do not make alternative offers based on Maths skills for this course.

For more information about this course visit:

go.bath.ac.uk/maths-21

Mechanical engineering



Mechanical engineering combines mathematics and scientific analysis with creative thinking to design and manufacture machines, technologies and systems.

Many of the products, processes and technologies that make our world a better place rely on mechanical engineering. From the cars we drive, to the mobile phones we use, even to the way our food is processed, there is little in our daily lives that doesn't involve mechanical engineering.

Mechanical engineers are not afraid to push boundaries. They combine creativity and design with scientific knowledge to test the limits of what is possible. At Bath, we want to inspire and equip you to take on new challenges and advance mechanical engineering.

Gain professional experience

Gain practical experience in an industrial or commercial work environment on a year-long placement. The professional skills you learn can benefit the rest of your degree and improve your career prospects. Our students have worked at companies such as Atkins Global, Dyson and Rolls-Royce.

Study in an enriched learning environment

You'll learn from academics with expertise in mechanical engineering and links with industry. They have knowledge in design, manufacture, biomechanics, materials, automotive and aerospace. Their international collaborations and research activities feed into undergraduate teaching and contribute to your learning experience.

Use specialist facilities

You'll have access to teaching and research laboratories that support a range of activities. We design our facilities to be like industrial workspaces, they include a design activity centre, model shop, subsonic wind tunnel, water tunnel and 3D printing equipment.

Prepare for your future

When you graduate, you'll have the technical leadership, initiative and interpersonal skills that are attractive to employers. You could go on to design low-carbon vehicles, test new materials, advance biomedical science or develop aircraft.

Some of our graduates have worked at companies including Jaguar Land Rover, Airbus, nPower, Proctor & Gamble and Zimmer Biomet.

4th for mechanical engineering in the Complete University Guide 2020

4th for aeronautical and manufacturing engineering in the Times and Sunday Times Good University Guide 2020

4th for mechanical engineering in the Guardian University Guide 2020



“Pretty much every success I’ve had has been as a result of working in Team Bath Racing, where we build a racing car from scratch to take to competition. It’s great exposure to real-life engineering so it helps with your career as well as your degree.”

Oli Cartlidge,
MEng (Hons) Mechanical Engineering

Aerospace Engineering

H400 MEng (Hons) Four years

H423 MEng (Hons) Five years including a placement year

Entry requirements

Typical offer: A*AA

GCSE

4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

A*AA including Mathematics and Physics with A* in Mathematics or Physics (or Further Mathematics if applicable).

International Baccalaureate Diploma

36 points and 7, 6, 6 in three Higher Level subjects including either HL Mathematics and Physics.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

Professional accreditation

Accredited by the Royal Aeronautical Society (ReS) and the Institution of Mechanical Engineers (IMechE), licensed by the Engineering Council to fully meet the academic requirements for a Chartered Engineer.

For more information about this course visit:

go.bath.ac.uk/mech-eng-21

Understand the foundations of aerospace engineering science and explore the latest thinking in aircraft design and manufacture.

Our course develops your engineering knowledge and complements this with transferable skills such as problem solving and critical thinking. You'll also learn the professional behaviours valuable beyond your degree including ethics and environmental awareness.

When you graduate, you'll have the technical leadership, initiative and interpersonal skills to pursue a professional career in aerospace engineering. You could go on to design low-carbon vehicles or technologies, or test new materials or processes for aerospace applications.

Year 1

Learn the fundamentals of mechanical engineering science including thermodynamics, solid mechanics, mathematics, fluid mechanics and instrumentation. You'll develop practical and group work skills in laboratories, engineering drawing and computer-aided design.

Year 2

You'll study systems and control, solid mechanics, fluid dynamics, heat transfer and manufacturing technology. You'll work in groups to design and apply modelling techniques to solve engineering problems.

Optional placement year

A year in industry allows you to put your theory into practice in a professional context. Your experience can benefit the rest of your degree and improve your career prospects.

Penultimate year

You'll study aerodynamics, aerospace propulsion and structures, aircraft performance, stability and control. You'll spend a semester working full time on a group business and design project.

Final year

You'll study advanced helicopter dynamics and choose specialist units such as biomimetics, product design and development, composite materials or spacecraft engineering. You'll also spend a semester working full time on an individual project.

Integrated Design Engineering

H761 MEng (Hons) Four years
H762 MEng (Hons) Five years including a placement year

Integrate mechanical, electrical and software skills to develop innovative products. You'll be equipped for a career as a multidisciplinary design engineer.

Our course is for creative engineers who want to explore product development, machines and systems. You'll investigate the relationship between engineering and design to produce new products that are both marketable and functional.

You'll develop engineering knowledge and complement this with transferable skills such as problem solving and critical thinking. You'll also learn the professional behaviours valuable beyond your degree including ethical and environmental awareness.

Year 1

Learn the fundamentals of mechanical engineering science including thermodynamics, solid mechanics, mathematics, fluid mechanics and instrumentation. You'll develop practical and group work skills in laboratories, engineering drawing and computer-aided design.

Year 2

You'll study systems and control, solid mechanics, fluid dynamics, heat transfer and manufacturing technology. You'll work in groups to design and apply modelling techniques to solve engineering problems.

Optional placement year

A year in industry allows you to put your theory into practice in a professional context. Your experience can benefit the rest of your degree and improve your career prospects.

Penultimate year

You'll study product design, development and reverse engineering, and work on mechatronic and user-centred design projects and take an optional unit. You'll also spend a semester on a full-time group business and design project.

Final year

You'll carry out projects in design optimisation and mechatronics design as well as a major individual design project and take optional units such as biomimetics or robotics.

Entry requirements

Typical offer: A*AA

GCSE

4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

A*AA including Mathematics and Physics with A* in Mathematics or Physics (or Further Mathematics if applicable).

International Baccalaureate Diploma

36 points and 7, 6, 6 in three Higher Level subjects including either HL Mathematics and Physics.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

Professional accreditation

Accredited by the Institution of Engineering and Technology (IET). Also accredited by the Institution of Mechanical Engineers (IMechE) and the Institution of Engineering Designers (IED), licensed by the Engineering Council to fully meet the academic requirements for a Chartered Engineer.

For more information about this course visit:

go.bath.ac.uk/mech-eng-21

Mechanical Engineering

H306 MEng (Hons) Four years

H309 MEng (Hons) Five years including a placement year

Entry requirements

Typical offer: A*AA

GCSE

4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

A*AA including Mathematics and Physics with A* in Mathematics or Physics (or Further Mathematics if applicable).

International Baccalaureate Diploma

36 points and 7, 6, 6 in three Higher Level subjects including either HL Mathematics and Physics.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

Professional accreditation

Accredited by the Institution of Mechanical Engineers (IMechE), licensed by the Engineering Council to fully meet the academic requirements for a Chartered Engineer.

For more information about this course visit:

go.bath.ac.uk/mech-eng-21

Combine numeracy with detailed subject knowledge and initiative to solve complex engineering problems that improve the world we live in.

Our course develops your engineering knowledge and complements this with transferable skills, such as problem solving and critical thinking. You'll also learn the professional behaviours valuable beyond your degree including ethics and environmental awareness.

All our mechanical engineering courses follow a common structure for the first two years. This gives you a detailed understanding of the subject, and the flexibility for you to switch courses and specialise as your knowledge grows.

Year 1

Learn the fundamentals of mechanical engineering science including thermodynamics, solid mechanics, mathematics, fluid mechanics and instrumentation. You'll develop practical and group work skills in laboratories, engineering drawing and computer-aided design.

Year 2

You'll study systems and control, solid mechanics, fluid dynamics, heat transfer and manufacturing technology. You'll work in groups to design and apply modelling techniques to solve engineering problems.

Optional placement year

A year in industry allows you to put your theory into practice in a professional context. Your experience can benefit the rest of your degree and improve your career prospects.

Penultimate year

You'll study control systems, structural mechanics, mechanical vibrations and noise, heat transfer and materials. You'll also spend a semester working full time on a group business and design project.

Final year

You'll choose from a wide range of optional units such as aircraft propulsion, medical engineering, composite materials or robotics engineering. You'll also spend a semester working full time on an individual project.

Mechanical with Automotive Engineering

H330 MEng (Hons) Four years
H343 MEng (Hons) Five years including a placement year

Specialise in vehicle design, performance, analysis and systems. Develop the engineering skills for a career in automotive and motorsport industries.

Our course develops your engineering knowledge and complements this with transferable skills such as problem solving and critical thinking.

All our mechanical engineering courses follow a common structure for the first two years. This gives you a detailed understanding of the subject and the flexibility to switch courses and specialise as your knowledge grows. In your final two years, you'll study vehicle design and components analysis in the context of the automotive market.

Year 1

Learn the fundamentals of mechanical engineering science including thermodynamics, solid mechanics, mathematics, fluid mechanics and instrumentation. You'll develop practical and group work skills in laboratories, engineering drawing and computer-aided design.

Year 2

You'll study systems and control, solid mechanics, fluid dynamics, heat transfer and manufacturing technology. You'll work in groups to design and apply modelling techniques to solve engineering problems.

Optional placement year

A year in industry allows you to put your theory into practice in a professional context. Your experience can benefit the rest of your degree and improve your career prospects.

Penultimate year

You'll study control systems, structural mechanics, engine technology, vehicle dynamics and vehicle engineering. You'll also spend a semester working full time on a group business and design project.

Final year

You'll study powertrain and transportation systems together with engine turbocharging and boosting. You'll take optional units such as aerodynamics, composite materials, energy and the environment or product design. You'll also spend a semester working full time on an individual project.

Entry requirements

Typical offer: A*AA

GCSE

4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

A*AA including Mathematics and Physics with A* in Mathematics or Physics (or Further Mathematics if applicable).

International Baccalaureate Diploma

36 points and 7, 6, 6 in three Higher Level subjects including either HL Mathematics and Physics.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

Professional accreditation

Accredited by the Institution of Mechanical Engineers (IMechE), licensed by the Engineering Council to fully meet the academic requirements for a Chartered Engineer.

For more information about this course visit:

go.bath.ac.uk/mech-eng-21

Mechanical Engineering with Manufacturing and Management

H716 MEng (Hons) Four years

H713 MEng (Hons) Five years including a placement year

Entry requirements

Typical offer: A*AA

GCSE

4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

A*AA including Mathematics and Physics with A* in Mathematics or Physics (or Further Mathematics if applicable).

International Baccalaureate Diploma

36 points and 7, 6, 6 in three Higher Level subjects including either HL Mathematics and Physics.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

Professional accreditation

Accredited by the Institution of Mechanical Engineers (IMechE) and the Institution of Engineering and Technology (IET) under licence from the UK regulator, the Engineering Council, to fulfil the educational requirements for a Chartered Engineer (CEng).

For more information about this course visit:
go.bath.ac.uk/mech-eng-21

Learn how engineering, manufacturing and management work together in industry. Gain expertise in product creation processes from design to end manufacture.

Our course develops your understanding of the sciences and disciplines relating to manufacturing. You'll study engineering, manufacturing and management to understand their role in production processes.

We draw on our links with industry to build your knowledge of the integrated systems, processes and technologies used in advanced manufacturing. Learning about the latest engineering developments will inspire you to explore ways to produce high quality products at a low cost.

Year 1

Learn the fundamentals of mechanical engineering science including thermodynamics, solid mechanics, mathematics, fluid mechanics and instrumentation. You'll develop practical and group work skills in laboratories, engineering drawing and computer-aided design.

Year 2

You'll study systems and control, solid mechanics, fluid dynamics, heat transfer and manufacturing technology. You'll work in groups to design and apply modelling techniques to solve engineering problems.

Optional placement year

A year in industry allows you to put your theory into practice in a professional context. Your experience can benefit the rest of your degree and improve your career prospects.

Penultimate year

You'll study computer integrated manufacturing, business processes, costing, advanced manufacturing and project management and carry out a group business and design project.

Final year

You'll learn how to model and analyse manufacturing systems and take optional units such as materials selection, robotics, digital business innovation or product design. You'll spend a semester working full time on an individual project.

Natural sciences



Natural sciences is multidisciplinary. You can choose your subjects from biology, biochemistry, chemistry, environmental science, pharmacology and physics

92% student satisfaction for natural sciences in the National Student Survey 2019

100% student satisfaction for MSci Natural Sciences including placement year in the National Student Survey 2019



“If anyone had told me at 17 years old when I was applying to universities that at 21, I would be working as a professional researcher with wild elephants, I would never have believed them.”

Helen Mylne, BSc Natural Sciences (graduated 2018)

Natural sciences allows you to explore more than one science subject at university level, and to follow a broad course or become more specialised. You'll gain a diverse range of skills and knowledge to be able to approach scientific problems from multiple angles. This is a unique perspective that is highly sought after by employers. It will also allow you to understand the challenges of tackling real-world problems and give you the tools to do so.

You'll have the chance to broaden your course further with non-science subjects such as education or management.

Gain professional work experience

Going on placement gives you the chance to apply what you've learnt at university to a year working professionally. It'll broaden your experience and transferable skills, and could improve your career prospects. Recent employers include Intrinsic, CERN, EY, Wessex Water, GlaxoSmithKline and European Synchrotron Radiation Facility (ESRF).

Put your learning into practice

As well as teaching, our academics carry out their own research in all branches of science, which means you'll always learn about the latest developments. You'll have the chance to work alongside them on your own research project and may apply your knowledge to current challenges.

Use specialist facilities

You'll learn alongside single-honours students in the subjects you choose. This will give you access to the wide range of labs and specialised facilities provided by the individual departments you're studying in.

Prepare for your future

By studying across a range of subjects, you'll gain the knowledge and practical skills to tackle problems from different angles. You could go into a wide range of careers, from working in scientific and manufacturing industries or research and development, to roles in management, marketing, sales, purchasing, patenting and environmental management.

Natural Sciences

- CFG0 BSc (Hons) Three years
 FCG0 BSc (Hons) Four years including placement year
 GCF0 BSc (Hons) Four years including study year abroad
 GFC0 MSci (Hons) Four years
 GFCA MSci (Hons) Five years including placement year
 GFCB MSci (Hons) Five years including study year abroad

Gain a wide range of skills and knowledge across different scientific disciplines. You'll have the flexibility to shape your degree to your career aspirations.

This is the course for you if you love science and want to study more than one science subject at university.

You can design your own degree to suit your interests and strengths. You'll be able to take your existing scientific skills further, explore new areas and apply what you've learnt in practical and relevant ways. If you decide during the first year your interests fit better within a single science, you may be able to transfer to year two of biology, biochemistry, chemistry, pharmacology or physics after year one.

Key areas of study

Major and minor subjects are chosen from biology, biochemistry, chemistry, environmental science, pharmacology and physics. For each subject, you will gain subject knowledge as well as technical and lab skills.

Options are more science, mathematics, psychology, management or education units. Studying maths is required if you'd like to study physics. Regardless of the major or minor you choose, you'll carry out a final year project.

Optional placement year/study year abroad

You can apply for this course with a placement, giving you the opportunity to develop your skills and knowledge on a year working professionally. Recent employers include CERN, Wessex Water and GlaxoSmithKline.

Alternatively, you could opt to experience another culture by studying for a year at a university abroad. You'll experience another culture whilst studying a course that complements your studies at Bath.

Additional areas of study on the MSci course

Study more advanced units in your chosen discipline(s). You'll also carry out a master's-level research project, giving you greater exposure to research across or within different science departments.

Entry requirements

Typical offer: A*AA

GCSE

4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

A*AA in three A levels.

International Baccalaureate Diploma

36 points and 7, 6, 6 in three Higher Level subjects

Subject choices

You will need to study one of these combinations in your A levels or Higher Level subjects:

- Biology and Chemistry
- Chemistry and Mathematics
- Biology, Mathematics and Physics
- Chemistry, Mathematics and Physics

We accept either HL Mathematics for this course. We can accept 7 in one Standard Level subject in place of a Higher Level subject (except Chemistry).

See page 63 for alternative offers including EPQs or the Welsh Baccalaureate.

For more information about this course visit:

go.bath.ac.uk/nat-sci-21

Pharmacology



Explore the effects of drugs on the body and learn how to develop effective and safe medicines.

Pharmacologists and pharmaceutical scientists play a vital role in the discovery, development and testing of treatments for a wide range of diseases, from headaches and allergies to cancer, arthritis and dementia.

You'll develop a broad knowledge and skills base with input from industry experts, in preparation for a career in the pharmaceutical industry or as a research scientist.

Gain professional work experience

A placement gives you the opportunity to apply your skills and knowledge to a year working in industry, academia or another relevant environment. You'll work full-time in a role to match your future career ambitions, giving you a competitive edge when applying for graduate jobs. We have links with some of the industry's leading companies such as MedImmune, Boehringer, GlaxoSmithKline and AstraZeneca.

Put your learning into practice

You'll learn from active researchers and industry experts in pharmacology and the pharmaceutical sciences with expertise in drug and target discovery, medicines design and development, and the route to market. Their research ensures you'll learn about the latest techniques and developments in the field. You'll also have the opportunity to work on your own research project.

Use specialist facilities

You'll develop key practical skills in our dedicated teaching labs, where you'll gain experience in a wide range of techniques, such as organic and analytical chemistry, pharmacology, molecular biology, microbiology and pharmaceuticals.

Prepare for your future

On graduation, you'll be well suited to research or drug development careers as well as manufacturing and quality control roles in the pharmaceutical industry. Many graduates also choose to go on to postgraduate study.

Top 10

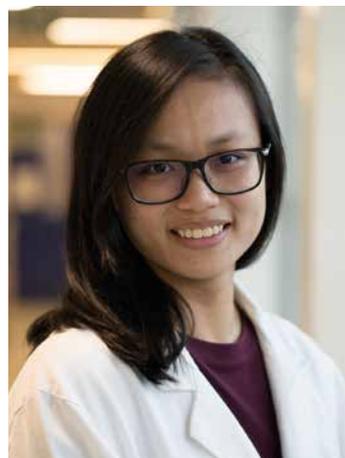
for pharmacology and pharmacy in the Complete University Guide 2020

Joint 10th

for student experience for pharmacology and pharmacy in the Times and Sunday Times Good University Guide 2020

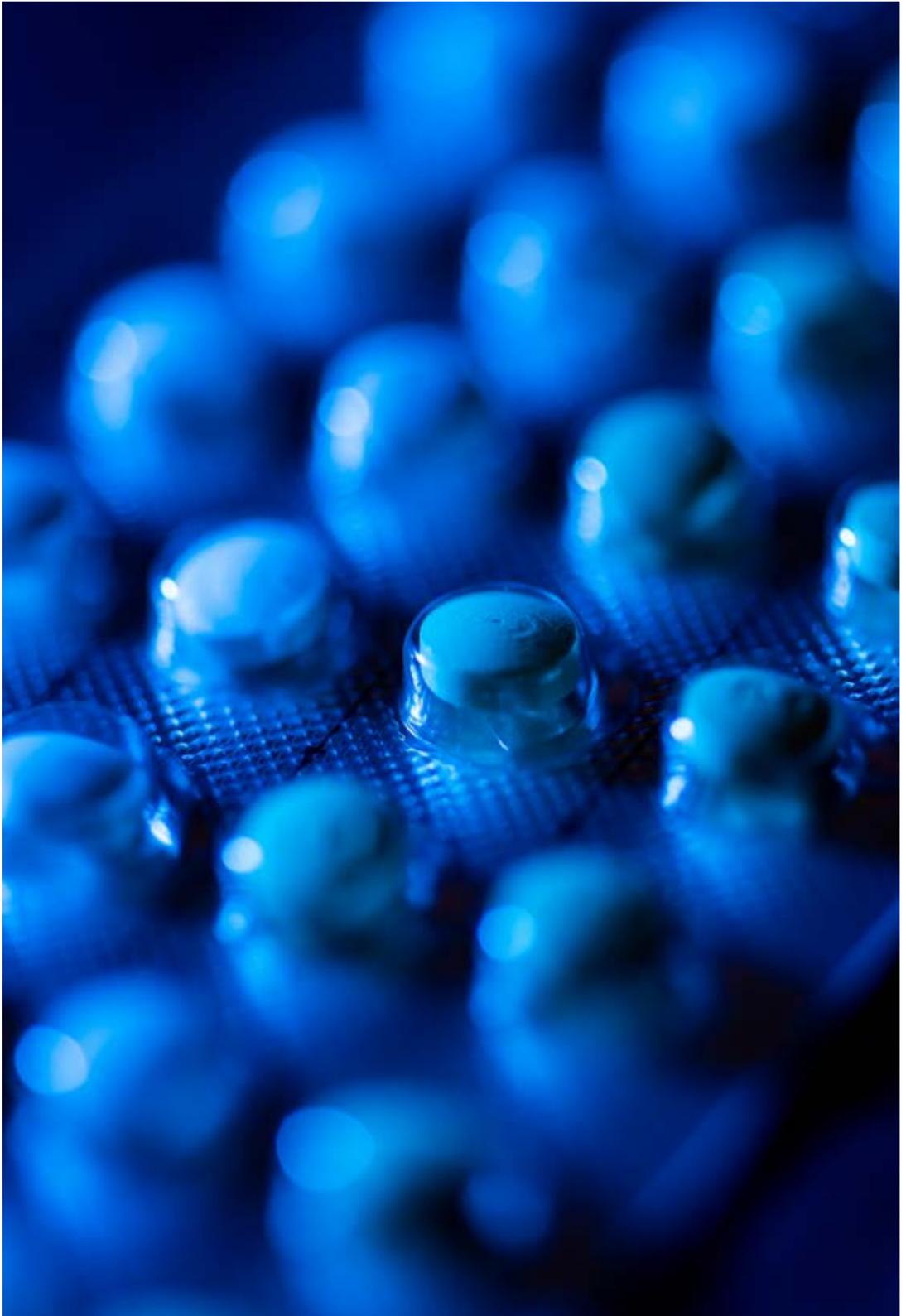
Top 10

for pharmacology and pharmacy in the Times and Sunday Times Good University Guide 2020



"I like the course because there is a focus on lab work and I get placement opportunities at top companies."

Jasmine Sim,
MPharmacol Pharmacology



Pharmacology

B210 BSc (Hons) Three years

B213 MPharmacol (Hons) Four years including integrated placement year

Learn to develop more effective treatments for diseases and discover how molecules may modify living systems. You'll be trained to become a research scientist.

This course will provide you with an integrated view of drug action linked to disease-related functions of the major organ systems. You'll gain knowledge of the fundamental principles of chemistry, biology and the physical sciences, and will be able to apply these principles to specific problems in drug discovery.

You could go on to work on the development of new treatments for both human and animal diseases, or in related fields such as marketing, drug regulation or scientific communication.

Year 1

Apply your knowledge of biology and chemistry to further your understanding of human physiology and molecules to medicines. You'll develop skills in scientific writing, experimental design, data acquisition and analysis.

Year 2

Develop an integrated view of drug action in disease areas, such as neurodegeneration and inflammation, through lectures and practical sessions covering cellular, molecular, tissue and whole organ systems. You'll gain an understanding of the ethics and law regulating the use of animal models in drug discovery, as well as alternative approaches.

Placement year

Experience working in industry on a year-long lab (MPharmacol/BSc) or non-lab (BSc) based placement in a pharmaceutical company, research institute or academia. Recent employers include MedImmune, Boehringer Ingelheim and Kymab.

Final year BSc

You'll carry out a project based on a research grant proposal or in our specialist pharmacology lab. You'll also study current topics in pharmacological research and optional units to develop your interests in specific areas such as cancer, regenerative medicine and engaging the public with research.

Additional areas of study on the MPharmacol course

Greater exposure to research and advanced practical techniques will strengthen your knowledge and skills, and prepare you for a research career. You'll complete an integrated, year-long lab-based placement and research dissertation topics.

Entry requirements

Typical offer: AAB

GCSE

4 or C in Mathematics and 4 or C in English Language or Literature (or equivalent from category B – see page 61).

A level

AAB including Chemistry and one other science or mathematics subject.

International Baccalaureate Diploma

36 points and 6, 6, 5 in three Higher Level subjects including Chemistry and one other science or mathematics subject.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

For more information about this course visit:

go.bath.ac.uk/pharmacol-21

Pharmacy



Train as a healthcare professional in all aspects of medicines design and use. A pharmacist has a valued role as a member of a multidisciplinary healthcare team.

Medicines play a vital role in optimising patient health. As a pharmacy student, you'll gain a unique knowledge of both the scientific development and clinical use of medicines. You'll develop consultation and decision making skills, allowing you to support patients and prescribers in the optimal use of medicines.

Gain professional work experience

Clinical learning in practice (for example hospitals and community pharmacies) is embedded within all years of the course. In year four of your degree, you'll do an extensive research project, studying alongside researchers in the Department. Alternatively, you could go on a 12-week placement with an international partner organisation.

Put your learning into practice

You'll be taught by active researchers and practitioners who specialise in different areas, including drug and target discovery, medicines design, and health and clinical research. You'll also have inter-professional sessions with medical, nursing, psychology and social work students to build confidence in your professional practice role.

Use specialist facilities

You'll develop professional skills in the safe and supportive environment of our specially designed Pharmacy Practice and Simulation Suites. These include consultation rooms where you can take part in role-playing exercises with patients played by staff or professional actors, and robotic patients.

Prepare for you future

Careers range from research and drug development roles within industry and academia, to patient-facing clinical roles within community, hospitals or primary care. You'll benefit from our links with the pharmaceutical industry, NHS providers and community pharmacy employers such as Boots, Lloyds and Day Lewis.

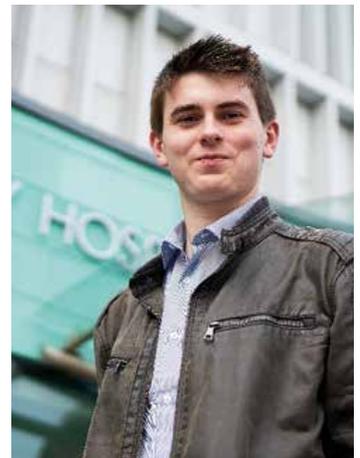
Top 10

for pharmacology and pharmacy in the Complete University Guide 2020

93% student satisfaction for MPharm Pharmacy in the National Student Survey 2019

Top 10

for pharmacology and pharmacy in the Times and Sunday Times Good University Guide 2020



“Early on, you’re ‘let loose’ in a pharmacy or hospital to meet patients and see how drugs work. You learn really quickly.”

Oliver Dudley,
MPharm Pharmacy

Pharmacy

B230 MPharm (Hons) Four years

B236 MPharm (Hons) Five years including integrated pre-registration year

Entry requirements

Typical offer: AAB

GCSE

4 or C in Mathematics and 4 or C in English Language or Literature (or equivalent from category B – see page 61).

A level

AAB including Chemistry and one other science or mathematics subject.

International Baccalaureate Diploma

36 points and 6, 6, 5 in three Higher Level subjects including Chemistry and one other science or mathematics subject.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

You will need to obtain an Enhanced Disclosure and Barring Service (DBS) check during this course.

Professional accreditation

This course is accredited by the General Pharmaceutical Council (GPhC).

Learn about every aspect of the preparation and use of medicine and become an expert in the field. Train to become a pharmacist in healthcare or industry.

Gain a solid grounding in human biology and origins of disease, pharmaceutical chemistry and physical sciences. You'll be introduced to professional practice, go on clinical placements in patient-facing environments and do an extensive research project.

You'll be well-prepared for work as a pharmacist in primary or secondary healthcare, or in an education or research setting. To become a practising pharmacist you'll need to do a pre-registration year in primary or secondary care.

Year 1

You'll study a range of topics in molecules to medicines (medicinal and analytical chemistry and pharmaceuticals) and the healthy body (physiology, pathology and pharmacology).

Year 2

Specialised integrated units in years 2 and 3 contain all the relevant science (pharmacology, pharmaceuticals and medicinal chemistry) and clinical material. Topics include management of gastrointestinal and liver disease, immunity, inflammation and infection, management of respiratory diseases and dermatology, management of cardiovascular disease, and endocrine disorders.

Year 3

Topics studied include neurology and mental health, special patient groups, oncology and palliative care, and medicines optimisation in complex patients.

Final year

You'll complete a research project or international placement. You'll also study topics including pharmacy management simulation, medicines optimisation in complex patients, and global health and management.

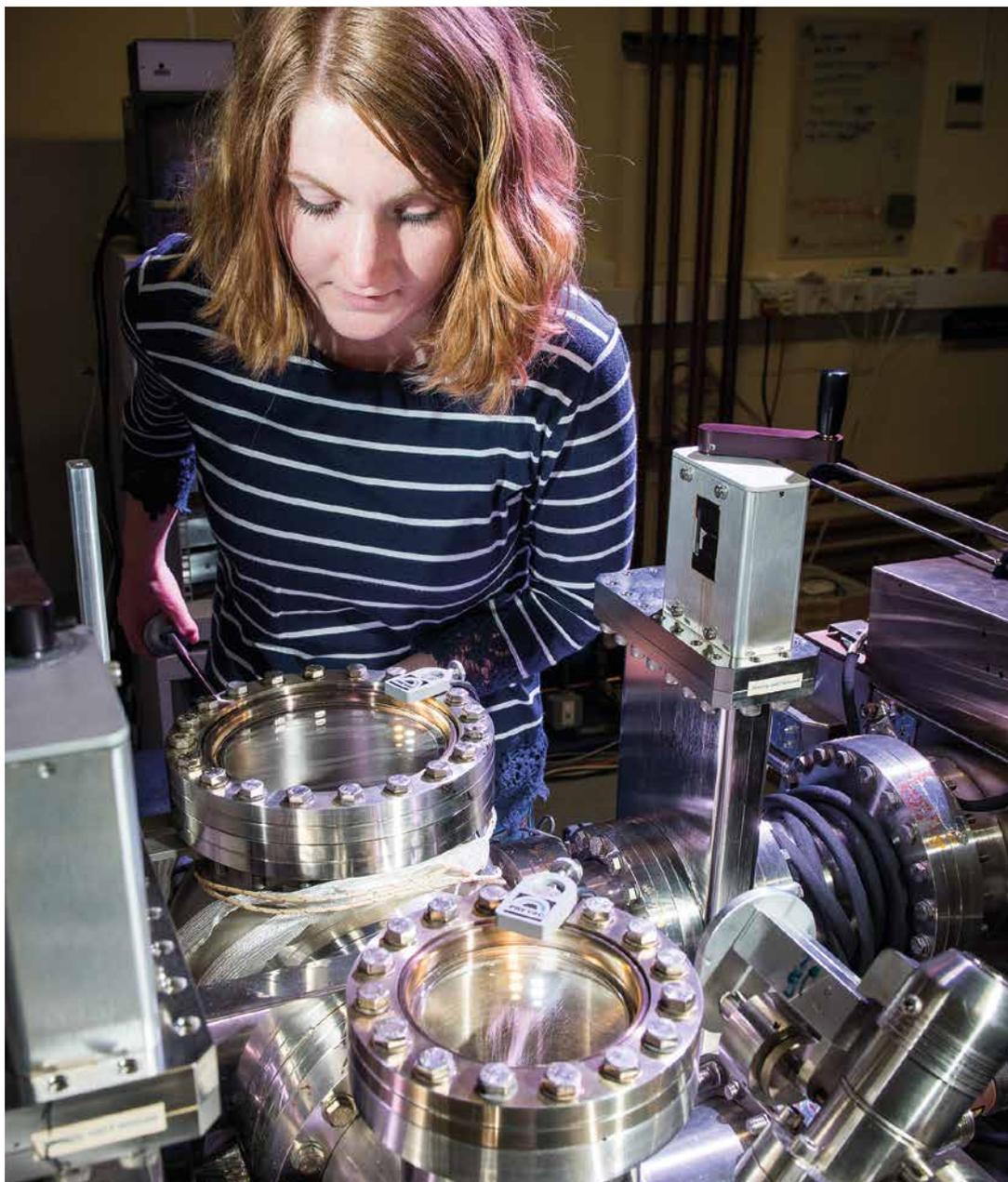
Integrated pre-registration year course option

Our five-year MPharm course is designed exclusively for international students. It gives you the opportunity to complete your pre-registration year in the UK whilst keeping your student status.

For more information about this course visit:

go.bath.ac.uk/pharma-21

Physics



Physics is ‘the science of everything’. You’ll explore the fundamental laws of physics underpinning the universe, from subatomic to cosmological scales.

Top 10 for graduate prospects for physics & astronomy in the Complete University Guide 2020

5th for employment after six months for physics in the Guardian University Guide 2020

Top 10 for graduate prospects for physics and astronomy in The Times and Sunday Times Good University Guide 2020



“The course provides fantastic opportunities to explore new and exciting developments in physics.”

Beth Probert, BSc Physics with Astrophysics including placement year

Physicists search for the universal principles underlying diverse natural phenomena. You'll develop a strong understanding of the fundamental theories of physics, and will also investigate physical phenomena through lab experiments, projects, mathematical modelling and computer simulations.

Our courses reflect the wide range of research activities in the Department. You'll learn about nano-engines and organic electronics, investigate quantum optics and the properties of graphene, and explore the structure and evolution of the Universe.

Gain professional work experience

All our courses give you the opportunity to go on placement. Spending a year working professionally will broaden your experience and develop your transferable skills, enhancing your career prospects. We have strong links with leading companies, such as BAE Systems, CERN, Dyson, Morgan Stanley and Rolls-Royce.

Put your learning into practice

Our courses are inspired by our research. Our academics who teach you carry out research in many different areas of theoretical and experimental physics. They bring the latest developments in physics into their teaching, and you can get involved by working with them on your own research project.

Use specialist facilities

You'll learn experimental and computing skills in our well-equipped teaching labs. You can carry out projects with research equipment and high-performance computers in our specialist research labs. We also have strong links to research facilities and observatories in the UK and around the world.

Prepare for your future

A physics degree will enable you to work within a wide range of careers such as scientific research and development, engineering, finance, IT, telecommunications or renewable energies. Many graduates also go on to postgraduate study in preparation for academic or industry-based research careers.

Mathematics and Physics

GF13 BSc (Hons) Three years
 FG31 BSc (Hons) Four years including placement year
 FG32 BSc (Hons) Four years including study year abroad
 FG3C MSci (Hons) Four years
 39B2 MSci (Hons) Five years including placement year
 385C MSci (Hons) Five years including study year abroad

Master the logic, rigour and proof of mathematics alongside the universal principles of physics.

This course is for you if you enjoy and excel at mathematics and want to combine that knowledge with insights into the physical world. You'll study a range of topics in both mathematics and physics, giving you a strong understanding of the rigour and generality of mathematics and its particular role in formalising empirical physical laws.

You'll benefit from studying in two departments and may be able to transfer into either physics or mathematics if you decide to specialise.

Year 1

You'll study the fundamental building blocks of physics including waves, particles, matter and energy. You'll also study core mathematics topics such as algebra, methods and analysis.

Year 2

Expand your physics and mathematics knowledge by studying a range of topics including quantum and atomic physics, electromagnetism, differential equations and vector calculus.

Optional placement year/study year abroad

You can apply for this course with a placement, giving you the opportunity to apply your skills and knowledge while working in a scientific or other professional organisation for a year. Recent employers include CERN, Rolls-Royce and Samsung.

Alternatively, you could opt to study for a year at a university abroad.

Final year BSc

You can choose from a range of topics such as general relativity, dynamical systems and chaos. You'll also carry out a final year project, working with researchers in the Department.

Additional areas of study on the MSci course

Areas of study include algebraic topology, calculus of variations, photonics and nanoscience. You'll also carry out a master's-level research project, giving you an immersive experience of physics and/or mathematics research.

Entry requirements

Typical offer: A*AA

GCSE

4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

A*AA including Mathematics and Physics with A* in Mathematics or Physics (or Further Mathematics if applicable).

International Baccalaureate Diploma

36 points and 7, 6, 6 in three Higher Level subjects including Mathematics and Physics.

We can accept 7 in SL Physics if you are not studying HL Physics.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

Professional accreditation

This course is accredited by the Institute of Physics.

For more information about this course visit:

go.bath.ac.uk/phys-21

Physics

- F300 BSc (Hons) Three years
 F301 BSc (Hons) Four years including placement year
 F307 BSc (Hons) Four years including study year abroad
 F303 MPhys (Hons) Four years
 F313 MPhys (Hons) Four years including six-month research placement
 3SAM MPhys (Hons) Five years including placement year
 O2VD MPhys (Hons) Five years including placement year and six-month research placement
 F312 MPhys (Hons) Five years including study year abroad
 F322 MPhys (Hons) Five years including study year abroad and six-month research placement

Entry requirements

Typical offer: A*AA

GCSE

4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

A*AA including Mathematics and Physics with A* in Mathematics or Physics (or Further Mathematics if applicable).

International Baccalaureate Diploma

36 points and 7, 6, 6 in three Higher Level subjects including Mathematics and Physics.

We can accept 7 in one of SL Physics or SL Mathematics: Analysis and Approaches if you are not studying HL Physics or HL Mathematics (but not both).

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

Professional accreditation

This course is accredited by the Institute of Physics.

For more information about this course visit:
go.bath.ac.uk/phys-21

Explore the complexities of physics, develop a deep understanding of the fundamental principles of physics and get involved in our research.

This is our broadest physics degree and gives you the opportunity to explore a wide range of areas in physics, from the nanoscale to the most energetic processes in the Universe.

As well as gaining a deep knowledge and understanding of physics, you'll graduate with strong experimental, mathematical and computational expertise. You'll also gain powerful problem-solving, analytical and critical thinking skills, preparing you not only for a career in physics, but for many other fields as well.

Year 1

You'll study the fundamental building blocks of physics including waves, particles, matter and energy. You'll also develop mathematical, experimental and computational skills.

Year 2

Further strengthen your knowledge and skills by studying a range of topics including quantum and atomic physics, electromagnetism, thermodynamics, astrophysics and mathematics.

Optional placement year/study year abroad

You can apply for this course with a placement, giving you the opportunity to apply your skills and knowledge while working in a scientific or other professional organisation for a year. Recent employers include CERN, Rolls-Royce and Samsung.

Alternatively, you could opt to study for a year at a university abroad.

Final year BSc

You can choose from a range of topics such as quantum physics, general relativity and laser physics. You'll also carry out a final year project, working with researchers in the Department.

Additional areas of study on the MPhys course

Your MPhys research project or placement will give you an immersive experience of physics research. You'll also study advanced topics that enhance and deepen your knowledge, such as nanoscience, photonics and advanced quantum theory.

Physics with Astrophysics

- F314 BSc (Hons) Three years
 F315 BSc (Hons) Four years including placement year
 F316 BSc (Hons) Four years including study year abroad
 F317 MPhys (Hons) Four years
 F318 MPhys (Hons) Four years including six-month research placement
 2RT5 MPhys (Hons) Five years including placement year
 F320 MPhys (Hons) Five years including placement year and six-month research placement
 F321 MPhys (Hons) Five years including study year abroad
 F323 MPhys (Hons) Five years including study year abroad and six-month research placement

Apply the full breadth of physics to a wide range of astrophysical phenomena, including physics at its most extreme and the evolution of the universe.

This course will provide you with a solid grounding in physics, along with in-depth specialist knowledge of astrophysics. You'll explore a range of astrophysical phenomena, including star formation, black hole growth and the expansion of the Universe.

You'll learn how to combine evidence from stellar and extragalactic astronomy to build consistent theoretical models of the evolution of galaxies. There will also be opportunities for you to carry out both observational and computational astrophysics projects.

Year 1

You'll study the fundamental building blocks of physics including waves, particles, matter and energy. You'll also develop foundational knowledge and skills in astrophysics.

Year 2

A range of topics will strengthen your physics knowledge and skills, and develop your specialist astrophysics knowledge, such as data analysis and the study of planets and exoplanets.

Optional placement year/study year abroad

You can apply for this course with a placement, giving you the opportunity to apply your skills and knowledge while working in a scientific or other professional organisation for a year. Recent placement employers include CERN, BAE Systems and Dyson.

Alternatively, you could opt to study for a year at a university abroad.

Final year BSc

You can choose from a range of topics such as star formation, galaxies, cosmology and general relativity. You'll also carry out a final year project, working with researchers in the Department.

Additional areas of study on the MPhys course

Your MPhys research project or placement will give you an immersive experience of physics research. You'll also study advanced topics that enhance and deepen your knowledge, such as relativistic cosmology, high energy astrophysics and computational astrophysics.

Entry requirements

Typical offer: A*AA

GCSE

4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

A*AA including Mathematics and Physics with A* in Mathematics or Physics (or Further Mathematics if applicable).

International Baccalaureate Diploma

36 points and 7, 6, 6 in three Higher Level subjects including Mathematics and Physics.

We can accept 7 in one of SL Physics or SL Mathematics: Analysis and Approaches if you are not studying HL Physics or HL Mathematics (but not both).

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

Professional accreditation

This course is accredited by the Institute of Physics.

For more information about this course visit:
go.bath.ac.uk/phys-21

Politics



During a period of significant political upheaval and uncertainty, this is an exciting time to be studying politics. How is power handled and where does it lie?

There are few more interesting and relevant disciplines than that of politics. You'll explore current issues at a national and international level, engaging with ideas and issues that push at the boundaries of mainstream politics. This will provide you with an invaluable understanding of the world as you learn to identify and respond to key challenges facing contemporary political systems. Our academic staff have particular expertise in conflict and security, international relations, EU and British politics, gender politics, nationalism, populism and radical politics.

Study in an enriched learning environment

You'll learn from academics with expertise in a wide breadth of contemporary political subjects. Their international collaborations and research activities inform their teaching. You'll experience a course-wide approach to developing your professional and practical skills with an emphasis on employability.

Gain professional work experience

The placement year is an opportunity for you to use the theory you have learnt in a practical context. You will learn about an organisation and its area of work. This is an excellent opportunity to test potential career paths. You'll develop skills such as teamwork, planning, problem-solving, decision-making and project management. Over the years, we have built contacts with a large number of organisations that can provide the high standard of training we expect.

Prepare for your future

Our politics graduates are found in a wide range of public, private and voluntary sector jobs. Popular destinations are jobs in the banking and finance industries, the media, public administration, and national, European and international political institutions and organisations. Many graduates have chosen to pursue an academic career with further study.

Top 10 for Politics in the Complete University Guide 2020

Joint 1st for Graduate Prospects for Politics in the Complete University Guide 2020

2nd for Graduate Prospects for Politics in The Times and Sunday Times Good University Guide 2020



"I had varied work, from running meetings, writing magazine articles and briefing ministers. All things considered, a placement is not to be missed! It is hard work, long hours and can be very daunting, but it is rewarding, enjoyable and it gives you a good foundation to your CV when you graduate."

Tom Boucher, BSc Politics and International Relations student, spent a year on placement with the Welsh Government.

International Politics and Modern Languages

RL90 BA (Hons) Four years including year abroad

Entry requirements

Typical offer: AAB

GCSE

4 or C in English Language or Literature (or equivalent from category C – see page 61).

For beginner language options, you will normally need a good GCSE in any foreign language if you do not have a language A level.

A level

AAB in three A levels.

For advanced language options, your A level subjects must include that language.

International Baccalaureate Diploma

36 points and 6, 6, 5 in three Higher Level subjects.

For an advanced language option you will normally need 5 in that language at Higher Level or 6 in SL Language B.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

Start a new language or achieve fluency in a language you've already studied. Gain the skills to understand the international political environment.

You can combine the study of a language at either *ab initio* (beginner) or advanced level with the study of international politics. You will gain a strong competence in both your chosen language and in relevant issues of international politics. Choose your language of study from either advanced French, German or Spanish (intended for those who have studied to A level standard) or any beginner language: French, German, Italian, Mandarin, Russian or Spanish.

Year 1

Study the written and spoken language. Gain a grounding in key concepts and theoretical tools for the study of international relations and international politics. You'll explore the history and cultures of the country or countries of your chosen language in an international context.

Year 2

Advanced study of your chosen language and the country history, politics, culture and society in an international context. Gain skills in research design and methods.

Year Abroad

This course includes a compulsory year abroad when you will spend time in a country of your chosen language. You could spend your time on a study placement at a foreign university, as a language assistant in a school, or on a work placement. You may also have the flexibility of a combination of any of these options.

Final year

You'll carry out a year-long politics dissertation and advance your high level skills in written and spoken language.

For more information about this course visit:

go.bath.ac.uk/int-pol-lang-21

Politics and International Relations

L291 BSc (Hons) Three years
L290 BSc (Hons) Four years including placement year

In a world regularly rocked by major upheavals, this course offers you a solid grounding in political systems and ideas, and contemporary global challenges.

This degree combines the study of political theories and concepts with the study of global affairs. You will gain the knowledge and analytical skills required to understand and respond to contemporary international and domestic socio-political challenges, from political polarisation to climate change. The integrated study of politics and international relations allows you to tailor your degree to suit your interests.

Year 1

You'll study topics such as political theory and analysis, comparative political systems, international relations, international political economy and UK politics in a global context.

Year 2

Delve further into political theory and analysis and advance your skills in research design and data analysis. Start to specialise, with themes such as conflict and security, foreign policy analysis, or the politics of environmental crisis.

Optional placement year

This course offers you an optional placement year where you can use the theory you have learnt in a practical context. Placements may be taken in large or small organisations, in the political or business sectors. These have included: IBM, Morgan Stanley, House of Commons, World Food Programme and international development consultancies.

Final year

You'll carry out a year-long dissertation and select optional units relating to your interests, covering themes such as international economic crises, war and peace, gender politics, and contemporary critical theories.

Entry requirements

Typical offer: AAA or A*AB

GCSE

4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

AAA or A*AB in three A levels.

International Baccalaureate Diploma

36 points and 6, 6, 6 or 7, 6, 5 in three Higher Level subjects.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

For more information about this course visit: go.bath.ac.uk/pol-int-relations-21

Politics with Economics

L2L1 BSc (Hons) Three years

L2LC BSc (Hons) Four years including placement year

Entry requirements

Typical offer: AAA or A*AB

GCSE

7 or A in Mathematics and 4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

AAA or A*AB in three A levels.

International Baccalaureate Diploma

36 points and 6, 6, 6 or 7, 6, 5 in three Higher Level subjects.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

For more information about this course visit: go.bath.ac.uk/pol-21

Make sense of issues underpinning contemporary global challenges such as the impact of climate change and international inequalities.

On this degree you'll combine the study of politics with an engagement in economic theory and practice. It will appeal if you're interested in issues of global power, decision-making, democracy and inequality. You'll cover topics such as international politics, political ideologies and economic thought. You will explore a range of contemporary economic and political challenges facing national and international society, such as terrorism and climate change.

Year 1

Focus on concepts and theories relating to both politics and international relations. Study economic theory and methodology, and explore contemporary political and economic systems.

Year 2

Advance your knowledge in political and economic theory. Focus your studies through optional units covering areas from global responses to international environmental crises, to the nature of UK Parliamentary politics. Develop your skills in research design and methods.

Optional placement year

This course offers you an optional placement year when you can use the theory you have learnt in a practical context. Placements may be taken in large or small organisations, in the political or business sectors. These have included: American Express, The Walt Disney Company, Airbus, House of Commons and lobbying companies.

Final year

You'll carry out a year-long dissertation and select optional units relating to your interests in politics and economics, with themes such as financialisation, inter-state relations, and gender politics.

Psychology



Psychology is the scientific study of mental life and human behaviour. It explains how we think, feel and act, both individually and as part of a social group.

2nd for Psychology in the Complete University Guide 2020

3rd for Psychology in the Guardian University Guide 2020

4th for Psychology in The Times and Sunday Times Good University Guide 2020

“I worked in the quantitative research team as a research assistant. It has helped me understand what I am good at, what I enjoy doing and therefore the career path I want to take. I have also developed some skills that will be really helpful in my final year, such as time management, organisation, analytical thinking and synthesis.”

Joseph Sherlock, BSc Psychology, spent his placement at a branding consultancy in Richmond, London called Clear.

The study of psychology is based on scientific principles and involves a range of research methods. This includes experiments, brain imaging, surveys, interviews, case studies and observations. You'll develop analytical skills such as statistical techniques and in-depth qualitative methods to explain or predict behaviour. We offer distinctive topics that are not always found in undergraduate psychology degrees, in areas such as digital, clinical and behavioural change psychology.

Use specialist facilities

The Department of Psychology is located in a £30 million building. You'll use the dedicated space for your seminars, group meetings and computer work. There are two floors of advanced psychology research space. This includes:

- an electroencephalogram (EEG) scanner
- a virtual reality lab with motion sensor cameras
- rooms for observation, interview and focus group research
- a biopsychology suite with two-way mirror
- eye-tracking equipped computers
- sensory and pain research suite
- crossmodal laboratory including a soundproof room

Study in an enriched learning environment

You'll learn from academics with expertise in clinical, cognitive, developmental, environmental, health, neurological and social aspects of psychology. Their international collaborations and research activities feed into your learning experience. You'll be encouraged to question received wisdom and probe the limits of current knowledge.

Prepare for your future

A psychology degree prepares you for clinical, counselling, health, educational, market research and occupational roles. It is also valued in communications, management, police work and social research careers. Over half of our graduates go on to specialist graduate training in psychology. Recent graduate destinations include Oxford Health NHS, King's College London, Revealing Reality, HMRC, Community Access Support Service (CASS) Behavioural Health and Hays plc.

Psychology

C801 BSc (Hons) Three years
C800 BSc (Hons) Four years including placement year

Gain a solid grounding across the discipline with a focus on biological, cognitive, developmental and social psychology with options including clinical and health psychology.

This is a science degree that offers you insights into many aspects of psychology. You'll gain a grounding across the discipline with a focus on biological psychology, cognitive psychology, developmental psychology and social psychology. You will gain a critical appreciation of different theoretical perspectives and extensive training in research methods and project work. You'll have the opportunity to apply for research apprenticeships (working with a member of research staff), summer internships and peer assisted learning and leadership roles.

Year 1

Gain an understanding of basic concepts, methods and theories in psychology including biological, cognitive, developmental and social psychology and their applications.

Year 2

Advance your knowledge in the core areas of psychology, such as cognitive neuroscience, social psychology and developmental psychology. Extend your research methods skills and project work.

Optional placement year

This degree offers an optional year-long work placement in the penultimate year. It is an opportunity to use the theory you have learnt in a practical context. Recent employers include the Centre for Research in Autism and Education, the National Crime Agency and Great Ormond Street Hospital.

Final year

In your final year, you'll complete a research project and choose from a wide range of optional units relating to the current research expertise of academic staff. Units currently being studied by our students include clinical psychology, contemporary educational psychology and forensic psychology.

Entry requirements

Typical offer: A*AA

GCSE

7 or A in Mathematics and 6 or B in English Language or Literature (or equivalent from category A – see page 61).

A level

A*AA in three A levels.

We prefer applicants who have studied both essay-based and science- or maths-based subjects at A level.

International Baccalaureate Diploma

36 points and 7, 6, 6 in three Higher Level subjects.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

Professional accreditation

This course is accredited by and confers eligibility for Graduate Basis for Chartered Membership of the British Psychological Society.

For more information about this course visit:
go.bath.ac.uk/psych-21

Social work



Social workers support and empower people to make changes and improve their lives. They act to protect vulnerable people whilst respecting and promoting human rights.

Social work is a profession that is centred on people. You will learn how to support a wide range of people in diverse and complex situations. You'll develop professional capabilities in respect of social work knowledge, values and skills. We see social work as a global occupation and our teaching will demonstrate how the profession has developed internationally. Professionally qualified social workers work in multidisciplinary environments to empower individuals, families and communities within society.

Study in an enriched learning environment

You'll learn through a mix of lectures, seminars and placement experiences. Lectures are interactive and you'll learn theory, legislation and research evidence and apply these to case examples and your experiences on placement.

Gain international experience

We arrange an international study tour once every two years where you can visit our partner universities. These trips include joint teaching and field visits to social work agencies. In recent years, there have been study tours to China, South Africa and India.

Prepare for your future

Once you graduate, you'll be eligible to register as a professional social worker with the social work regulator. Our previous graduates have worked in a range of settings including the NHS, social services, private and voluntary social care providers. The course will provide you with knowledge, skills and experiences that are also transferable to many careers outside of social work.

Develop your professional skills

This course prepares you to meet the Professional Capabilities Framework (PCF) and Social Work England standards for newly qualified social workers. You will be able to register as a professional social worker.

Top 10 for Social Work in the Guardian University Guide 2020

Top 10 for Course Satisfaction for Social Work in the Guardian University Guide 2020

4th for Research Quality for Social Work in the Complete University Guide 2020

“My placement was with Wiltshire Council in their Safeguarding and Assessment Team. I was then offered a post in the Looked After Children Through Care team where I love supporting and building relationships with some amazingly resilient young people.”

Kate Farrar, BSc Social Work and Applied Social Studies

Social Work and Applied Social Studies

L501 BSc (Hons) Three years

Entry requirements

Typical offer: BBB

GCSE

GCSE 4 or C in Mathematics and 4 or C in English Language or Literature (or equivalent from category B – see page 61).

A level

BBB in three A levels.

Access to HE Diploma

A pass with 27 credits awarded at Distinction and 12 credits awarded at Merit or above.

BTEC (RQF)

DDM in a Level 3 National Extended Diploma.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

You will need to obtain an Enhanced Disclosure and Barring Service (DBS) check during this course.

If you are a student who requires a Tier 4 visa you will not be able to join this course.

Professional accreditation

On successful completion of this course you will be able to apply to register as a social worker with Social Work England.

Gain the knowledge and skills to practice as a registered professional social worker. You'll combine academic learning and a placement on this course.

We have been training social work practitioners at the University for over fifty years. This course will prepare you for a challenging and rewarding career in social work. We offer comprehensive training that will allow you to register as a social worker and practice in a range of settings. You'll be based in the Department of Social & Policy Sciences. Our teaching team work closely with colleagues across the disciplines of sociology, social policy and international development so you will benefit from their expertise.

Year 1

Study core social work units alongside sociology and social policy. Areas include social work and the law, psychology and social work theories and methods. Develop an awareness of social inequality and social justice that will underpin your training. Develop your social work skills in readiness for your practice placements.

Year 2

Begin your Professional Practice Placement and advance your study of social work. Alongside your placement you will also explore topics such as social work with children, families and adults.

Final year

Continue with your social work units, including topics such as mental health social work. In your last semester you will undertake a final Professional Practice Placement. You'll build on the knowledge and skills you have developed in previous years and apply this to your practice with service users and carers.

Professional practice placement

You must complete Practice Placements on this course. We have partnerships with local agencies who help us provide placement opportunities. You'll be supported by your Practice Educator, Practice Supervisor and University Tutor.

For more information about this course visit: go.bath.ac.uk/soc-work-applied-21

Sociology, social policy and social sciences



1st for Graduate Prospects for Social Policy in the Complete University Guide 2020

2nd for Sociology in the Guardian University Guide 2020

100% student satisfaction rate for BSc (Hons) Social Sciences including Placement Year in National Student Survey 2019



“Studying both social policy and sociology allows me to combine my passion for policy research and analysis with key sociological theory. I have studied topics in psychology, international development and politics, all of which I have found to be very complementary and which I’ve benefited from tremendously.”

Nicolette Chen,
BSc (Hons) Sociology
and Social Policy.

Social and policy sciences seek to understand how we are shaped by organisations around us. Examine the foundations of our society and ask if it could be organised differently.

Social and policy sciences use a range of rigorous methods to collect, analyse and present evidence about social life. They provide you with a new lens to see the world and understand people living in different and often dynamically changing social contexts. You will explore the social causes and consequences of the world’s most pressing problems such as climate change, poor health, threats to expert knowledge, rapid technological change, poverty and inequality. By thinking creatively about how these challenges might be met you’ll have more scope to hold to account those in power.

Study in an enriched learning environment

You’ll learn from committed academics with expertise across the social sciences. Their international collaborations and research activities inform teaching and contribute to your learning experience. Our researchers have specialisms in:

- children and families
- health
- international development
- justice and rights
- migration
- policy design and analysis
- poverty
- violence and crime

Gain professional work experience

Each of our courses offers an optional placement year. It’s an excellent opportunity to try different careers, build your networks and gain valuable transferable skills that may set you apart from other graduates entering the job market. You can take placements in commercial, voluntary, government or research organisations. Recent employers include Department for Work & Pensions, British Chamber of Commerce (EU), The Walt Disney Company and The Big Issue.

Prepare for your future

Those who study our social sciences degrees have excellent graduate prospects with diverse options. Our graduates have worked as social and policy researchers, civil servants, international consultants, journalists, and in multiple government, charity sector and business-related roles. Our recent graduates have gone on to work for Amazon, Guide Dogs, Parliamentary Research Service, Goldman Sachs and BBC Worldwide.

Social Policy

L404 BSc (Hons) Three years
L405 BSc (Hons) Four years including placement year

Explore the mechanisms of policymaking to understand the key dilemmas and challenges around social rights, equality and the distribution of resources.

On this course, you'll learn about the social and political underpinnings of key policies affecting our lives. Understand the implications social policy has for questions of identity, political organisation, social justice and human rights. Learn about the origins and transformations of the institution of the state and how it interacts with the economy and third sector in the UK and beyond. Relate these changes to societal, technological and economic developments in Britain and around the world. Choose from optional units on topics such as the sociology of death, lobbying, justice and conflict.

Year 1

An introduction to social policy, sociology, and research methods. Explore how social issues become constructed as policy problems. Learn about the major social, political and economic factors shaping equality and welfare in 21st century Britain.

Year 2

Focus on key policy areas such as the family, poverty, social inequality and analysis of the policy process. Choose from a range of social science options and explore international perspectives on social policy including European perspectives and examples from further afield. This will help you locate social policy debates critically within global policy challenges.

Optional placement year

Your optional year-long work placement can be in a public, private or third sector organisation in the UK or overseas. Use the knowledge and skills you have learnt in a practical context, and develop ideas for your final-year dissertation project.

Final year

You'll carry out a year-long, supervised dissertation in social policy, explore policy evaluation and study social protection and welfare reform, alongside options that allow you to undertake advanced analysis of specific policy areas. Units currently being studied by our students cover, for example, terrorism, lobbying, and the sociology of death.

Entry requirements

Typical offer: AAB

GCSE

4 or C in Mathematics and 4 or C in English Language or Literature (or equivalent from category B – see page 61).

A level

AAB in three A levels.

International Baccalaureate Diploma

35 points and 6, 6, 5 in three Higher Level subjects.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

For more information about this course visit:

go.bath.ac.uk/soc-pol-21

Social Sciences

L305 BSc (Hons) Three years
L306 BSc (Hons) Four years including placement year

Entry requirements

Typical offer: ABB

GCSE

4 or C in Mathematics and 4 or C in English Language or Literature (or equivalent from category B – see page 61).

A level

ABB in three A levels.

International Baccalaureate Diploma

35 points and 6, 5, 5 in three Higher Level subjects.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

For more information about this course visit:

go.bath.ac.uk/soc-pol-21

Direct your own learning with a broad-based training in the social sciences that is focused on cutting-edge issues of social change and justice.

This course draws on insights from several disciplines, including sociology, social policy as well as international development and criminology. You'll be free to explore which issues or ideas in social science you find most interesting. You'll study these from diverse perspectives and link them with relevant research skills.

You'll be supported in tailor-making your degree according to your interests. Choose from optional units on topics such as the sociology of death, lobbying, justice and conflict.

Year 1

You'll study social policy, sociology and gain a firm grounding in research methods and sources of data. Develop an understanding of how society works and the levers of social change. Choose from optional units in allied social science disciplines.

Year 2

Continue a broad-based approach or choose to specialise in specific areas, whether it's policy, social theory, or justice and conflict. You will continue to study compulsory units in research methods.

Optional placement year

This course offers you an optional year-long work placement. It's an opportunity to use the knowledge and skills you have learnt in a practical context and to develop ideas for your final-year dissertation project.

Final year

You'll carry out a year-long social science dissertation. You will be able to make use of a range of methodological skills you'll have accumulated during the course. Alongside the dissertation, you will take a set of social science optional units. Examples of optional units currently being studied by our students include Poverty, social justice and the state, and Ideas about terrorism.

Sociology

L300 BSc (Hons) Three years
L304 BSc (Hons) Four years including placement year

Make invisible social structures visible. Use social theory and research methods to identify and explore the processes and forces that shape our lives.

You will study and apply core social theory in practice. You'll learn to understand the structure of today's society, how it came about, and whether we could live differently. You will not only expand your knowledge of British society but also compare it with other societies around the globe. You'll gain practical research skills so you can investigate society in practice, in original ways, and in a variety of settings. Choose from a range of optional units on topics such as the sociology of death, lobbying, justice and conflict.

Year 1

Learn how sociology can be used to think in new ways about our everyday life. Study classical social theory and qualitative and quantitative research skills. Learn how to evaluate data and information and use it to develop your own arguments tailored for different audiences.

Year 2

You will study contemporary social theory and further expand your skills in quantitative and qualitative research methods. You will also choose from a range of optional units from various areas of sociology, social policy and social science more broadly.

Optional placement year

This course offers you an optional year-long work placement. It's an opportunity to use research skills and a variety of sociological perspectives on organisations in a practical context. Develop ideas for your final-year dissertation project.

Final year

You'll carry out a year-long dissertation and choose from optional units focusing on specialist areas in sociology. Units currently being taken by our students cover, for example, crime and the media, lobbying, and sociology of death.

Entry requirements

Typical offer: AAB

GCSE

4 or C in Mathematics and 4 or C in English Language or Literature (or equivalent from category B – see page 61).

A level

AAB in three A levels.

International Baccalaureate Diploma

35 points and 6, 6, 5 in three Higher Level subjects.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

For more information about this course visit:

go.bath.ac.uk/soc-pol-21

Sociology and Social Policy

LL34 BSc (Hons) Three years

LL43 BSc (Hons) Four years including placement year

Entry requirements

Typical offer: AAB

GCSE

4 or C in Mathematics and 4 or C in English Language or Literature (or equivalent from category B – see page 61).

A level

AAB in three A levels.

International Baccalaureate Diploma

35 points and 6, 6, 5 in three Higher Level subjects.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

For more information about this course visit:

go.bath.ac.uk/soc-pol-21

Explore new and creative ways to tackle key social challenges. Learn theory and methods to understand, critically examine, and influence organisations.

This course will appeal if you want to combine an understanding of the social world from different perspectives with a rigorous analysis of policy responses to social problems. You will examine theory and techniques from sociology alongside the analytical focus of social policy. You'll explore areas such as health, welfare and poverty, race and discrimination, inequality and exclusion. You'll be able to take a range of optional units on topics such as the sociology of death, lobbying, justice and conflict. By the end of the degree you'll have an understanding of how social institutions develop, operate and how they might be improved.

Year 1

You will combine a study of classical sociological theory with key issues in modern social policy. You'll also learn about a range of social research methods including qualitative and quantitative research methods.

Year 2

Expand and deepen your knowledge of research methods. You will also choose from a range of optional units looking at key sociological issues and policy areas.

Optional placement year

This course offers you an optional year-long work placement. It is an opportunity to apply your sociological and social policy knowledge and skills in a practical context. You may also use the placement year as a source of ideas for your final-year dissertation project.

Final year

You'll carry out a year-long dissertation, and choose from a range of social science optional units. Units currently being studied by our students cover, for example, crime and the media, lobbying, and understanding religion.

100% student satisfaction rate for MSci (Hons) Sport and Exercise Science including Placement Year in National Student Survey 2019

3rd for Sport Science in The Times and Sunday Times Good University Guide 2020

Top 10 for Sports Science in the Complete University Guide 2020



“I went to RVC as a researcher to study jockey technique, but broadened my knowledge of biomechanics through the work RVC does with horses. My input was valued and it was great to be treated as a respected member of the project rather than just a placement student.”

Elaine Burch, BSc Sport and Exercise Science. Placement in the Structure and Motion Lab at the Royal Veterinary College (RVC).

The study of sport explores the impact of sport, exercise and health on individuals and society.

You could explore sport, exercise and health, coaching, management, leisure and physical activity, and how the body works. You don't need to be good at sport to take a sports degree. Your study of sport could incorporate many other academic fields. These include physiology, psychology, anatomy, biology, biochemistry, engineering, chemistry, politics, management, education, sociology and cultural studies. Courses cover anything from exercise physiology to the relationship between sport and the media.

Use specialist facilities

You'll have access to facilities that support your learning, including laboratories with specialist equipment and the latest technology: Applied Biomechanics Laboratory, Applied Physiology Laboratory, Biochemistry Laboratory, Metabolic Research Laboratory, and a dedicated movement analysis suite. You'll also be able to use our £35 million Sports Training Village based on campus. This provides you with access to some of the best sport and exercise facilities in the UK, accommodating more than 50 sports. We regularly host major international competitions and provide a dedicated sports training space.

Study in an enriched learning environment

You'll learn from academics with expertise across sport, exercise and health. Their international collaborations and research activities feed into undergraduate teaching and contribute to your learning experience. Our researchers have specialisms in:

- injuries and illness
- physical culture
- sports performance
- disability, sport and health
- nutrition and metabolism

Prepare for your future

Graduates from our courses are in demand by a wide range of employers. This includes public health, exercise medicine and rehabilitation, sports management, sports coaching and development. Our sports graduates have gone on to work for BUPA, Cambridge Medical Robotics, Coaches Voice, Hawk-Eye Innovations, MoveGB, Sports Surgery Clinic, Department of Health & Social Care, UK professional rugby union clubs and UK professional football clubs.

Health and Exercise Science

C610 BSc (Hons) Three years
C611 BSc (Hons) Four years including a placement year

**How we can get people more active and making healthy choices?
Prepare yourself for a range of careers, promoting health at an individual or population level.**

This course combines science, social science and public health. Through learning about how the human body works, you will understand the impact that physical activity, diet and other lifestyle choices have on health and wellbeing. This degree has three core themes running throughout the course: Exercise science, Behavioural medicine, and Public health. Through these core themes you will apply your knowledge to health and exercise settings and understand their relevance in current practice.

Year 1

You'll build on your knowledge of human physiology, biomechanics and psychology, and develop your understanding of the role of physical activity on public health. You'll develop skills in research design and statistics.

Year 2

You'll gain more in-depth understanding of exercise, health and nutrition at different stages of life, for various clinical groups, and at the individual, community and population level. You'll explore how we communicate these health messages to different audiences.

Optional placement year

You have the opportunity to gain work experience as part of your degree. Recent employers for students on this degree include Public Health England, Cancer Research UK and Western Australia Institute of Sport.

Final year

You'll carry out a year-long research project and study advanced units in areas such as nutrition, health technologies, sociology and exercise prescription.

Entry requirements

Typical offer: AAB or A*BB or A*AC

GCSE

4 or C in Mathematics, 4 or C in a science GCSE and 4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

AAB or A*BB or A*AC in three A levels.

International Baccalaureate Diploma

36 points and 6, 6, 5 in three Higher Level subjects.

BTEC (RQF)

DDD in a Level 3 National Extended Diploma.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

For more information about this course visit: go.bath.ac.uk/sport-exe-health-21

Sport and Exercise Science

- BC17 BSc (Hons) Three years
 BCC7 BSc (Hons) Four years including placement
 C606 BSc (Hons) Four years including study year abroad
 C609 BSc (Hons) Four years including combined placement and study year abroad
 C605 MSci (Hons) Four years
 C604 MSci (Hons) Five years including placement year
 C607 MSci (Hons) Five years including study year abroad
 C608 MSci (Hons) Five years including combined placement and study year abroad

Entry requirements

Typical offer: **AAA or A*AB**

GCSE

GCSE grade C or 4 in Mathematics, one science and English Language or Literature (or equivalent from category C – see page 61).

A level

AAA or A*AB including A in one of: Biology, Chemistry, Further Mathematics, Mathematics, Physics, Psychology or Statistics.

International Baccalaureate Diploma

36 points and 6, 6, 6 or 7, 6, 5 in three Higher Level subjects including 6 in at least one maths or science subject.

BTEC (RQF)

DDD in a Level 3 National Extended Diploma in Sport and Exercise Science or Applied Science with Distinction in specified science units.

We do not accept other Sport BTEC National Extended Diplomas for this course.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

For more information about this course visit: go.bath.ac.uk/sport-exe-health-21

Develop your knowledge of biomechanics, physiology and psychology. You will understand how humans function in sport, physical activity and health environments.

This degree has three core strands running throughout the course: Biomechanics (how humans create and control movement), Physiology (the structure, function, regulation and performance of bodily systems), and Psychology (examining the role of thoughts, feelings and behaviours in sport and exercise settings). Through these core disciplines you'll apply your knowledge to sports performance and exercise participation and understand the relevance of sport and exercise science to current practice.

Year 1

Develop your functional anatomy knowledge and link it to basic concepts of biomechanics. You'll build on your knowledge of human physiology and psychology and their application to sport and exercise. You will develop your skills in research design and statistics.

Year 2

Advance your knowledge of biomechanics and explore interdisciplinary studies in connection with nutrition and psychology of sport. You'll apply your biomechanics, physiology and psychology knowledge to sport and exercise medicine, and develop practical skills that relate to sport and exercise science data collection and interpretation.

Optional placement or study abroad

Go on a work placement or opt to spend the year studying at a university abroad. You could combine study abroad with a work placement. Recent work placement employers include McLaren, Peak Centre for Human Performance and Hawk-eye innovations. The study abroad option is currently available in Technical University of Munich (Germany) and Southern Cross University (Australia).

Penultimate or final BSc year

Design and carry out a year-long research project and study in-depth issues in sport and exercise science. You'll also be able to tailor your profile towards a specific discipline and choose an area of interdisciplinary study.

MSci final year

The integrated undergraduate masters option gives you a more in-depth study experience with an extended dissertation.

Sport Management and Coaching

CX63 BSc (Hons) Three years
CX6H BSc (Hons) Four years including a placement year

Develop a critical and practical understanding of sport management and development, coaching, physical education and the sociology and psychology of sport.

This degree is designed for those who wish to examine the role of sport, health and physical activity within society. You will have the opportunity to develop a fundamental understanding of sport management and development, coaching and physical education, and the sociology and psychology of sport. You will also develop an advanced understanding of at least one of these areas of study. You'll consider the contributions sport makes to society and assess whether and how sport can be improved.

Year 1

You'll study introductory units in the key areas of sport management, coaching, development, sport psychology, the political and social context of sport, and research methods.

Year 2

In year two you'll have the opportunity to develop your areas of specialism through your choice of optional units connected to sport management, coaching, development, sport psychology and the social context of sport, health and physical activity.

Optional placement year

The optional placement year provides valuable practical experience and is an excellent opportunity to develop knowledge of different careers. Previous placement employers have included Nike, Under Armour, The Laureus Foundation, Hawkeye, Westminster School (Australia), British International School Phuket, Leicester Tigers, Southampton FC and Gloucester CCC.

Final year

You'll carry out a year-long research project and advance your studies in the areas of sport, health and the social sciences.

Entry requirements

Typical offer: AAB or A*BB or A*AC

GCSE

4 or C in Mathematics and 4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

AAB or A*BB or A*AC in three A levels.

International Baccalaureate Diploma

36 points and 6, 6, 5 in three Higher Level subjects.

BTEC (RQF)

DDD in a Level 3 National Extended Diploma.

See page 63 for alternative offers including EPQs, the Welsh Baccalaureate or additional maths studies.

For more information about this course visit: go.bath.ac.uk/sport-exe-health-21

Sports Performance

C601 FdSc Sport (Sports Performance) Two years

Entry requirements

Typical offer: CCC

GCSE

4 or C in Mathematics and 4 or C in English Language or Literature (or equivalent from category C – see page 61).

A level

CCC in three A levels.

BTEC (RQF)

MMM in a Level 3 National Extended Diploma or DD in a Level 3 National Diploma.

If you are a student who requires a Tier 4 visa you will not be able to join this course.

For more information about this course visit: go.bath.ac.uk/sport-exe-health-21

Combine your practical experiences from your training and coaching environments with the academic study of the factors that influence high performance sport.

You'll integrate the study of high performance sport with your own experience as an athlete, coach or practitioner. You will develop skills and knowledge in athlete training, competition and contemporary sports performance issues. You'll explore a wide range of sports performance subjects and examine how these disciplines are integrated across a diverse range of sporting contexts.

Years 1 and 2

Gain an in-depth understanding of sports performance through exploring a broad set of academic disciplines such as physiology, psychology, sport coaching and development, whilst developing knowledge in areas such as training principles, sport career transitions, performance analysis, and strength and conditioning.

BSc (Hons) one year

On completion of the foundation degree at the required academic standard, you may progress to the one-year BSc (Hons) Sport (Sports Performance) (Work-based Learning) course. Build on the expertise acquired from earlier study and develop the analytical and reflective skills valued by employers. You will be further challenged and inspired to think critically about sports performance and you will carry out a year-long project.

Professional practice

The course has been designed for those who wish to continue their education alongside sports training and performance. The Sports Performance cohort is a great mix of competitive and like-minded student athletes.

Visit us

Travel to the University



By car

M4 to Junction 18 and A46 to Bath. Follow signs for The American Museum and University.

The campus is located in Claverton Down, on the east side of Bath.



Visitor parking on campus

Pay & display spaces are available in East Extension, A and G car parks, accessed via the main entrance on Claverton Down Road. East car park provides a wheelchair and accessible approach to the Parade and a drop off point by 1WN also provides wheelchair access to the Parade.

Please check the website for transport advice for Open Days.



By coach

Frequent National Express and Megabus services operate from London Victoria and London Heathrow Airport to Bath.



By bus

There are a number of frequent bus services available. The U1 starts and terminates on campus and travels through the city centre.



By air

The nearest airport is Bristol International Airport. There are also regular connections by train or coach from London Heathrow Airport.



By train

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.

Journey times:

To Bristol	12 minutes
To Cardiff	1 hour 10 minutes
To London	1 hour 20 minutes
To Southampton	1 hour 20 minutes
To Exeter	1 hour 20 minutes
To Birmingham	1 hour 40 minutes
To Manchester	3 hours 20 minutes



“You get a gut feeling about a place when you visit. Attending the Open Day at Bath made me realise that it was the right place for me.”

Mackyla Palmer-Lodge,
Social Sciences, 3rd year



Open Days

Our main University Open Days offer you the opportunity to explore our campus, talk to staff and students and get a real feel for what it would be like to live and study here at Bath.

Friday 19 June 2020

Saturday 20 June 2020

Saturday 12 September 2020

go.bath.ac.uk/opendays-21

Campus Tours

If you can't make it to one of our Open Days, we run regular small group campus tours throughout the year. Led by our current students, these tours will give you an insight into being a student here, as well as showing you around the main facilities on campus.

Discover Bath Residentials

Want to experience life as a Bath student? These subject-specific residential events offer you the opportunity to explore our friendly campus and get a sense of what it's like to live and study here. You'll meet current students and staff, and get lots of information and advice.

Individual Visits

We have an open campus policy, which means you are very welcome to visit and take a look around at a time that suits you.

For more information about these events, visit: go.bath.ac.uk/visit-us-21

Contact Us

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

University of Bath
Claverton Down
Bath
BA2 7AY
United Kingdom

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The information in this prospectus is correct at time of going to press (January 2020).

Our prospectus is intended to be a general guide to the courses and facilities available to students starting an undergraduate course in September 2021. Although we do not anticipate that there will be changes to the information provided, the prospectus is prepared a considerable time in advance and we may make changes to our courses in response to, for example, feedback from students, developments in the field of studies, and the requirements of accrediting bodies.

Before making an application, please check our online course pages, to ensure you have the most up-to-date information.

Our Terms and Conditions provide more details of the circumstances in which we may amend our courses and how we will keep you informed of any changes.

go.bath.ac.uk/study21



2020 Open Days

FRIDAY 19 JUNE 2020 • SATURDAY 20 JUNE 2020 • SATURDAY 12 SEPTEMBER 2020

#BelongatBath

Book online now at: bath.ac.uk/opendays-21

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