

2

**Discover
Brunel**

2

2

UNDERGRADUATE

PROSPECTUS

#DiscoverBrunel



#IamBrunel



Brunel
University
London

**Trainee
Accountant
Taylorcocks
Chartered
Accountant**

Began graduate role
finishing university
now studying towards
an ACA Chartered
Accountants qualification

Vikki Aldworth

BSc Financial
Mathematics, 2018



Brunel



WELCOME

A university for a changing world

A very warm welcome to Brunel University London.

Founded in 1966, Brunel is a leading technology university renowned for its education and research and its spirit of innovation and entrepreneurship. It is based on a single leafy campus with outstanding sports facilities, easy access to central London and a friendly, vibrant and strikingly international community.

Our education is designed to equip students with the academic knowledge and personal skills they need to forge successful and rewarding careers. You will learn from academics who are leaders in their field and combine rigorous academic study with opportunities to apply your knowledge to real-world issues. We encourage all our students to undertake a work placement and to explore areas of special interest through project work. You will find some inspiring stories about their successes in this prospectus.

Your time at Brunel will be exciting, challenging, inspiring and rewarding and will help to shape your future career. We look forward to welcoming you here.

Professor Julia Buckingham CBE
Vice-Chancellor and President
Brunel University London



Discover Brunel

Applied learning for the real world

Few universities offer a better learning environment than we do. We sit in the top 25% of UK universities for research.

Support that gets you ready for work

Getting a job can be a full-time job. But at Brunel that work starts the day you arrive, with lots of support and placements available in over 95% of our courses.

**No wonder
it's called
Greater
London**

Brunel is a single site university. One campus with thousands of benefits. Everything is within a 10-minute walk.

**The whole
world
on one
campus**

The world's students call Brunel home. Something we're extremely proud of. In fact, 150 of the world's countries are represented at Brunel.



You'll apply your mind

Few universities offer a better learning environment than we do. We sit in the top 25% of UK universities for research. It means we attract and retain leading academics who produce world-renowned research, which has practical benefits for real life situations, promotes innovative solutions and delivers inspiration daily.

Our teaching is judged to be among the UK's finest and affords you every opportunity to 'get' your subject. Your tutors and lecturers will be the subject's leading thinkers. Just think how inspiring your learning will be.

Past students have developed their ideas and gone on to form companies and disrupt markets. If our learning opportunities don't blow your mind, they'll certainly fill it.



HOW YOU'LL LEARN

University teaching and learning will be different at Brunel from anything you've experienced before. We will support you every step of the way.



You'll develop skills for independent learning, critical analysis and research. You'll learn from world-leading academics and, just as important, you'll spend time learning with your peers and developing your knowledge and skills through private study. With the support of your personal tutor throughout your degree, you won't be on your own.

How you're assessed will depend on your course, and will vary from coursework to presentations, lab tests or exams.

Teaching methods

All of our courses are supported by a range of teaching methods. Lectures will be given to introduce a topic and summarise key themes, and your critical thinking and writing skills will be nurtured and developed through seminars. Smaller tutorial classes will provide more opportunities to ask questions and discuss ideas with your peers.

All of our programmes have a practical learning element. For some, this will take place in a laboratory. For others, you could learn in a theatre, clinical simulation suite or a studio.

In addition, you'll also be required to study in your own time. This independent study typically involves reading, group projects or preparation for a presentation.

We offer flexible learning and can make changes to the way we teach whatever the circumstances. We adapt our teaching so that we can deliver live, interactive sessions online or on campus so that you can engage and collaborate with your fellow students and lecturers.

Work placements

Whether your placement is for six weeks, six months or a full academic year, it will allow you to get hands-on. You might undertake clinical experience with placement partners such as King's College Hospital or an industrial placement in business at IBM. This valuable time building relationships will stand you in good stead for future employment.

Final year projects

Your final year project will showcase your learning and help you develop new skills. Depending on your course, this could be a dissertation, a work-based project, performance, or a scientific research study. You will get opportunities to showcase your work at events such as Made in Brunel and Brunel Engineers.

Online resources

Our virtual learning environment, Blackboard Learn, provides all the information you'll need to succeed on your course. Here you will find recordings of all lectures as well as lecture materials, learning resources and reading lists.

SUPPORTING YOUR STUDY

We provide first-class facilities to help you get the best out of your time here, as well as aiding your learning through additional support services.

The Library

The Library offers more than 400,000 books and reference materials as well as access to unique Archives and Special Collections. Four floors of study facilities include group, quiet and silent areas, and bookable study rooms. The Bannerman Library is usually open 24/7 during term-time.

We also offer an extensive e-library with thousands of eBooks and eJournals and hundreds of subject specific databases – supported by a 24/7 web chat helpdesk and online guides. Our Academic Liaison Librarians can help you choose and use these resources effectively. Their training on researching using Library resources is provided within courses and via the LibSmart programme, including online information skills workshops, self-directed online tutorials, drop-ins and one-to-one support.

brunel.ac.uk/library

Academic Skills Service

The Academic Skills Service (ASK) teaches you the skills to learn independently and thrive academically. Whether it's advice on researching, planning and writing assignments, giving presentations, time management or mathematics, numeracy and statistics, the ASK team offers workshops, individual advice and resources to support your learning.

brunel.ac.uk/ask

HeadStart

HeadStart helps students from under-represented groups to make the transition into studying in higher education. If eligible, the initiative will provide you with an introduction to the academic skills required to succeed at university, give you a sense of what is expected of you and familiarise you with the support services available.

brunel.ac.uk/headstart

Academic English

The Brunel Language Centre provides classes for international students in academic writing, including technical reports, critiques, proposals and dissertations. Classes also cover seminar and presentation skills, academic reading skills, listening and discussion skills, English pronunciation and grammar.

brunel.ac.uk/international/language-centre

Peer-Assisted Learning (PAL)

PAL is an initiative led by higher year students to help you develop your independent learning skills from students who have been there and done that.

The sessions are fun, informal and designed to provide you with an opportunity to develop the independent study skills required for successful university study, discuss course content with your peers, ask questions about university life and build friendships.

PAL also provides professional developmental opportunities once you are in your 2nd and 3rd year.

brunel.ac.uk/PAL



The library had all the books for my course and the librarians were always happy to help search for particular articles or studies for a piece of research.

Seun, Economics and Accounting BSc (Hons)

INSPIRATIONAL TEACHING

Whichever course you choose to study, you will be taught by leading academics who are experts in their field and passionate about what they teach. They balance their teaching with research that progresses thinking in their specialist area – whether that’s manufacturing, science, sports, business or the arts. Here are just some of the inspirational academic staff you may encounter while you are at Brunel.



MONICA DEGEN is a Reader in Sociology and Communications. As a cultural sociologist she is interested in urban life and how sensory experiences shape how we feel in the city. In her teaching, she shares her latest research and knowledge on how urban design and policies impact on the spatial and political development of a global metropolis such as London and our attachments to place.

PROFESSOR HUA DONG is the Dean of Brunel Design School. She is an expert in inclusive design, having published more than 100 papers; edited six books and special issues for the Design for All newsletter in India, Universal Design in Japan, and Design magazine in China on the subject area. Professor Dong shares her passion and expertise in inclusive design through keynote speeches at international conferences and initiating new courses and research programmes. Furthermore, she has extensive experience in providing specialised research consultancy to industries in the UK, Finland and China.



KATJA SARMIENTO-MIRWALDT is a senior lecturer in Political Science. She is interested in political geography, with a particular focus on state borders and how citizens of neighbouring countries interact across these. She teaches contemporary European politics and research methods. She particularly enjoys supervising students’ dissertation projects and encourages all her students to carry out their own original research projects.





Having completed my degree in Economics and Management at Brunel, I chose to continue my studies here because of the quality of teaching. I have developed great relations with students and Professors, who were always happy to help.

Ilinca, Banking and Finance MSc

PROFESSOR MARK ATHERTON is Professor of Design Engineering in our Mechanical and Aerospace Engineering department. He is a Chartered Engineer and Fellow of the Institution of Mechanical Engineers. Mark has developed industrial products and manufacturing systems, and is currently working with industrial organisations on dental drill noise reduction, robotic servicing of trains and design tools for invention. Mark teaches engineering design and design optimisation.



TAI FRATER is an occupational therapist specialising in work with children, young people and families. She is interested in parent coaching, shared decision making and motivational interviewing in occupational therapy and has carried out research, educational and quality improvement projects in these areas. Tai is interested in student engagement in education and champions active learning strategies using team based learning and digital learning tools. She is currently programme lead of the Occupational Therapy BSc (Hons).



DR COLIN RILEY is a senior lecturer in Music, and has been established on the contemporary music scene for over 20 years. His work has been described as 'beautiful, clever and direct' by Classical Music Magazine. It draws on improvisation, new technologies, song-writing and large-scale classical form, embodying a genuine integration of stylistic approaches. Colin is also a mentor for Making Music's Adopt a Music Creator Scheme.



JOSÉ GONZÁLEZ-ALONSO is Professor of Exercise and Cardiovascular Physiology. His research into the physiological factors that limit athletic performance has contributed to the science behind sports drinks. As an endurance runner himself, he's proud of his influence in the development of cooling jackets to improve endurance performance in hot environments. On the other side of the same coin, his research group is now investigating how heating can be used to treat circulatory disorders. José's research informs his teaching across all levels of our courses in sport, health and exercise sciences.



PROFESSOR MARIA KOLOKOTRONI is Director of the Research Centre for Resource Efficient Future Cities. Her research into technologies and design strategies aims to reduce energy demand by new and existing buildings and urban areas. A key element of Brunel's design and engineering courses is our students' individual projects and every year students at all levels draw on Maria's research topics for their projects.



Support that gets you ready for work

Getting a job can be a full-time job. But at Brunel that work starts the day you arrive. Over 95% of our courses offer a placement, giving you the opportunity to gain invaluable, real work experience.

Better still, 100% of our students have access to first-class coaching, mentoring and networking, which continues for up to three years after graduation.

Our subject-specific career consultants offer their industry insight and experience to help you explore your options and market yourself to recruiters. Plus our Entrepreneur hub is on hand to help start-ups and freelancers to develop their entrepreneurial skills.

SUPPORTING YOUR PROFESSIONAL DEVELOPMENT

Our Professional Development Centre offers a wealth of opportunities, resources and advice to prepare you for life after graduation. They will work with you to develop your professional skills and get you ready for work, self-employment or further study in the UK or abroad. The centre offers the following core services:

Find a placement

Placements will give you the opportunity to gain experience and enhanced skills within a workplace environment. Students who complete a placement achieve higher degree classifications, better career outcomes and significantly higher graduate salaries.

We assisted over 450 students (over 50% of students who engaged with the Placement Team) secure placements during a very difficult recruitment period in 2019/20 and we'll help you, too. You'll benefit from our vast range of contacts in industries of all sizes. We can support you throughout the application process, including preparing for interviews to help you secure the placement that is right for you.

brunel.ac.uk/pdc/placements

Prepare for a graduate career

From your arrival at Brunel until up to three years after you graduate, we'll support you in planning for your future. Our specialist career consultants will help you develop a great CV, practise your interview techniques and coach you on your career options through self-assessment tools, meetings and workshops. Our flexible service offers a range of ways to access one-on-one advice from our consultants, from 15 minute Quick Query appointments to longer sessions where you can discuss your career plans in depth.

brunel.ac.uk/pdc/careers

Part-time jobs

If you want to earn money or gain valuable work experience whilst you are studying, our Job Shop will help you find part-time opportunities at Brunel and beyond. You might also be interested in applying to be one of our Student Ambassadors. You can find more details at

brunel.ac.uk/pdc/job-shop

NUE Awards 2020

Best Placement Service (Finalist)

NUE Awards

Best Widening Participation Initiative 2020 (Winner)

AGCAS Awards

The Environment Agency, Excellence in Careers and Employability Service Engagement 2020



Learn a new language

Brunel is one of the few UK universities to provide free language courses. You can choose from a wide range of European and international languages.

You'll be taught by experienced language teachers in a fun and stimulating environment. Language courses take place once a week over a period of 20 weeks and you can record your achievements as part of your Brunel+ award – a personal development programme that recognises the skills and experience you develop beyond your studies.

brunel.ac.uk/pdc/modern-languages

Start a business or go freelance

If you have an exciting business idea our Entrepreneur hub can help you turn your vision into reality. We provide support and advice for start-ups and freelancers, throughout every stage of the journey. You'll receive personalised consultations with our on-campus business consultants or speak to professionals within intellectual property, marketing and finance.

You can join our growing list of outstanding entrepreneurs by networking at events, attending workshops and there's even a chance to win up to £10,000 of funding through our Venture competition.

brunel.ac.uk/pdc/entrepreneur-hub

Meet employers

Our career fairs, sector-specific events and webinars are a great way to meet informally with future employers. We have links with over 1,500 companies across all sectors who regularly engage with students, offer opportunities and provide insight into different industries.



Skills Programmes and Awards

There are a number of exciting initiatives you can take part in to complement your studies, including Brunel+ which recognises co-curricular activities, the READY programme which helps you develop transferable project skills, the Brunel Summer Internship Programme, which helps you work over the summer and our Professional Mentoring scheme which matches students with an experienced mentor. Find out more at brunel.ac.uk/skills-programmes-and-awards

Become a volunteer

A rewarding way of expanding and developing your skills is to become a Brunel Volunteer. Our students have a long history of volunteering to help the community, local charities and not-for-profit organisations. There's a huge range of schemes you can get involved with. Find out more at brunel.ac.uk/pdc/volunteers



The opportunities to boost your employability at Brunel are endless, from volunteering to learning a language for free, it really helped me develop into the confident graduate that I am today.

Tara, Law LLB (Hons) Alumni



Member of
social enterprise
The Safety Box

Full social licence
to operate, with
a commitment to
the community,
the environment,
and the planet.

University of
East London
London, E16 2RH

Life on our London campus

Brunel is a single site university. One campus with thousands of benefits. Everything is within a 10-minute walk. Whether you're going to class or for a coffee it's all close by. Whether you want a place to eat or a space to meet it's on your doorstep. Literally.

Better still, 4,500 students call campus home. So among the world-class facilities you'll find first-class friends.

We're also well connected. Just a short walk away, the town of Uxbridge offers you everything you need to shop, entertain and socialise – and is the perfect base to explore the surrounding countryside. The hustle and bustle of city life is right on your doorstep too, with central London just a tube ride away.



OUR LONDON CAMPUS

Visit us or take a look around campus on our virtual tour at

 brunel.ac.uk/virtualtour



- 1 London's finest university sports facilities include a Sports Park opposite the campus. There are also 3G pitches, tennis courts and an outdoor athletics track.
- 2 Faraday Complex Halls of Residence. We have over 4,500 self-catering rooms on campus.
- 3 The Antonin Artaud Theatre provides a creative space for performance and rehearsals.
- 4 Bishop Complex Halls of Residence
- 5 Clifton Hall of Residence
- 6 The Medical Centre provides general medical services for students living within the catchment area.
- 7 Chepstow Hall of Residence
- 8 Some great athletes have trained at our impressive Indoor Athletics Centre.
- 9 The Isambard Complex Halls of Residence
- 10 Saltash Hall of Residence
- 11 The Student Store is a quick stop for food and drinks.
- 12 The Library is in the Bannerman Centre, at the heart of the campus. This building is also home to the West London Assessment Centre which provides needs assessments for those who have successfully applied for the Disabled Students Allowance.
- 13 Brunel's Accommodation Office



- 14 Prayer facilities are available in the Isambard Complex and the Meeting House.
- 15 The Meeting House is a space away from the pressure of everyday life. Chaplains from Anglican, Catholic, Muslim and Hindu faiths are available for help, advice and spiritual support.
- 16 The main concourse runs through the heart of the campus. This is where you'll find shops, cafés, a pharmacy, a bank and a weekly farmers' market.
- 17 Our iconic Lecture Centre is the main teaching hub.



- 18** The Junction is a popular eating place with students. Our 1966 and Bite food outlets serve Costa and Starbucks alongside lighter lunch options. There's also Subway, Izzi's pizza emporium and Hola Pollo – our go-to chicken restaurant.
- 19** Galbraith Hall of Residence
- 23** Our Fitness Centre offers you state-of-the-art cardiovascular machines.
- 25** Eastern Gateway Building at the campus entrance is where you'll find the main reception.
- 20** Fleming Hall of Residence
- 24** The Sports Centre accommodates basketball, volleyball, netball and badminton. You'll also find cricket and archery nets, a climbing wall, pump room and squash courts.
- 21** Mill Hall of Residence
- 26** Lancaster Complex Halls of Residence
- 22** The Union of Brunel Students with its Loco's Bar and The Venue nightclub are housed in the Hamilton Centre.

YOUR NEW HOME

Take a 360 degree look around our halls of residence for yourself at

 brunel.ac.uk/virtualtour

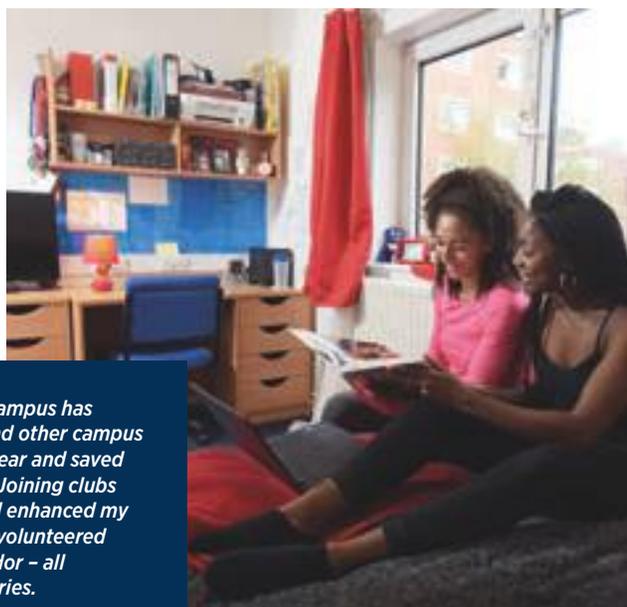




We want to make it easy for you to focus on your studies. Having a room on campus is a great way to make friends and immerse yourself in our welcoming community. You're never more than 10 minutes' walk from all the study, social and sporting facilities you need to make the most of your time with us.

Guaranteed on-campus accommodation

We guarantee accommodation on campus for all new students starting in September 2022 who meet their course conditions and apply for a room by Wednesday 31 August 2022. If your course starts in January, we'll prioritise your application for a room on campus during the following months. You'll find up to date details on our website.



Being an international student and living on campus has made it easier for me to access my lectures and other campus facilities. I've lived on campus since my first year and saved time by not having to commute to university. Joining clubs and societies has helped me make friends and enhanced my career prospects. I've learnt a new language, volunteered for events and worked as a Student Ambassador – all of which has given me some incredible memories.

Fiona, Law LLB (Hons)

Our halls

You'll find comfortable and secure accommodation across the campus. We offer a range of rooms to suit different budgets, including en suite and standard self-catering facilities, specially adapted rooms for disabled students and studios for couples.

To help you settle in, you'll find Residence Ambassadors in the residences who are there to support you when you arrive. With your security in mind, all our residences have card access and our halls have CCTV. Our Security Teams patrol the residences for your safety and wellbeing.

You'll find pricing details on our website for 2021 as a guide, and 2022 costs will be added nearer the time. The website also includes details of the application process.

brunel.ac.uk/accommodation

Brunel is signed up to the Universities UK Code of Practice, which outlines best practice and provides benchmarks for the management and quality of student housing.

Living off campus

If you'd prefer to live off campus, we can help with that too. There's a wide choice of housing near Brunel, with good bus routes to the campus.

Brunel Student Lettings, the University run Letting Agency, can support you with your property search. The team is dedicated to students' needs, does not charge for their services and is conveniently located on campus within the Accommodation Centre.

The University is your landlord and you will deal with Brunel Student Lettings throughout your stay for queries on repairs, rents, viewings etc. Visit brunel.ac.uk/lettings to view available properties and for more information.

Like some of our students, you may decide that living at home whilst at university is the right choice for you. The support offered on campus is available to all students, regardless of where you live, and you will have many opportunities to make new friends and enjoy different experiences by taking part in the numerous activities and events on offer through Freshers' Week and beyond.

OUR SPORTS COMMUNITY

Our sports activities have become more accessible than ever. You can join any of our 50 sports clubs for free with Team Brunel. See for yourself at

 brunel.ac.uk/life/sport



Brunel has a long and distinguished history in sport and whether you play at the highest competitive level or enjoy it for fitness and fun, there is a huge choice available. Our sports facilities are used by some of the world's top athletes, including former 100m World Champion Yohan Blake and 'Linford Christie Academy' sprinters, trained by the 90s Olympic legend himself.





Free sports clubs

Team Brunel, run by the Union of Brunel Students, represents the 50 student sports clubs at Brunel, ranging from team sports such as rugby and netball, through to individual sports including judo, kayaking and athletics. We pride ourselves on our sports clubs being open to all students, regardless of ability or experience. All student sports clubs are free after a one-off membership cost of £35. So there's no better time to try your hand at something new, such as American football, boxing, rock climbing or callisthenics.

Facilities

Our facilities include the impressive Indoor Athletics Centre with its 132-metres long indoor sprint track, a long jump pit, high jump and pole vault areas. The Centre was newly refurbished in 2020 and along with a brand new track. It also includes a multi-purpose weight training area, a dedicated weightlifting area with platforms, and a separate matted area for martial arts. The Centre also includes treatment rooms for sports massage and physiotherapy.

If gym is your thing, our Fitness Centre boasts state-of-the-art cardiovascular machines and is host to four training zones, weight training equipment and an exercise studio. You can play basketball, volleyball, badminton and netball in our Sports Halls, and there is also an indoor climbing wall, pump room and cricket and archery nets.

At our Sports Park opposite campus, you'll find a 400-metre athletics track, a full size football pitch and rugby pitch to international standard along with two new artificial pitches. Our neighbouring playing field is a further extension to the Sports Park facilities with four highly maintained football pitches and two further rugby pitches and a lacrosse pitch. Our outdoor facilities include six tennis courts and four netball courts, all of which are serviced by the Sports Pavilion which incorporates changing facilities, a video analysis teaching room and a sports bar.

Sports Performance Programme

Our Sports Performance Programme offers a full support package to Brunel students who want to develop their sporting careers. The programme gives members of key sports such as athletics, futsal, football, netball, rugby and basketball access to elite strength and conditioning facilities, extra coaching, fitness sessions and physiotherapy.

For more details please visit brunel.ac.uk/sports-performance-programme

Sports scholarships

Our sports scholarships offer our most talented sports men and women financial assistance and support services. In addition, we have a bespoke rugby scholarship through our partnership with Ealing Trailfinders. For more details please visit brunel.ac.uk/sportscholarships



ARTS AND CULTURE

Our campus benefits from a thriving arts and culture scene. We encourage students to develop creative skills themselves. You can soak up the atmosphere as a spectator or get more hands on and help organise events as well as perform in them. This cultural backdrop to your studies is a great opportunity for you to get involved and feel inspired. You can find more information at

 brunel.ac.uk/arts





Brunel Arts

Brunel Arts organises weekly classes, events, concerts and productions throughout the year. Our courses and activities are open to everyone, whatever you're studying. They include singing, acting, creative writing, music theory, 3D special effects make-up, oil painting, life drawing, pottery and guitar groups.

Brunel Arts membership costs £22 (free for Arts and Humanities students), and you can take as many weekly classes as you like.

Music Awards

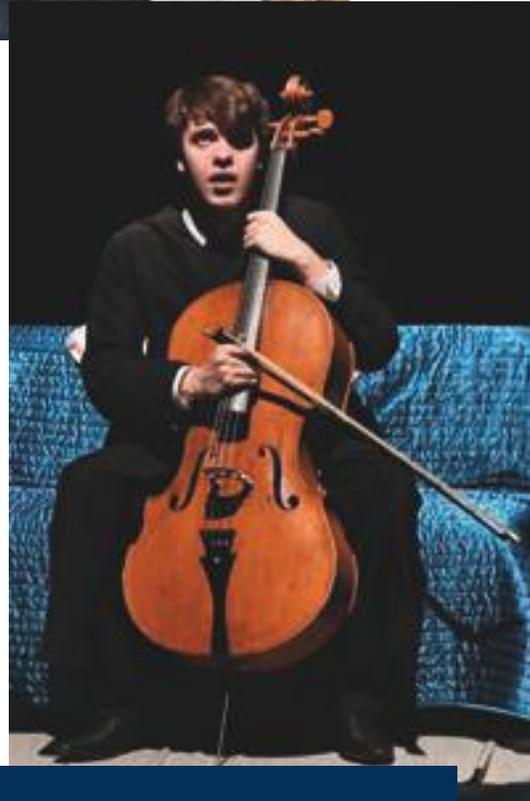
Every year Brunel Arts makes a contribution towards the cost of individual musical tuition for singers and instrumentalists, irrespective of their area of study. The awards are open to all students, with auditions at the beginning of each academic year.

Live performance

Arts@ARTAUD is a regular performance platform where musicians, filmmakers, writers, performers and designers present their work in a friendly, informal setting. With refreshments and a DJ between acts, it provides a great evening of entertainment.

You can put yourself centre stage or work behind the scenes with Brunel Arts' Musical Theatre workshop, which is open to all students irrespective of their academic area of study. Our latest production, the musical, Urinetown by Mark Hollman and Greg Kotis, was staged in our Antonin Artaud Theatre.

Brunel Arts also arranges a series of professional free lunchtime concerts on Fridays, which is a relaxing way to end a busy week on campus.



The Brunel Arts' team are amazing. You are made to feel welcome, cared about and supported in your learning and development.

George, Theatre BA (Hons)



The Union is here to ensure that every Brunel student has the opportunity to enjoy, challenge influence and benefit from all aspects of their studies and the wider student experience.

The Union is a charity that is led by students for students and you automatically become a member when you enrol at Brunel. They are committed to voicing student opinions. The Union enables debates on key issues, organises events and entertainment, facilitates clubs and societies, and is there to give you advice and support throughout your student journey.

Advice and support

The Union's Advice and Representation Centre (ARC) provides free and confidential advice on everything from money and debt to housing and academic issues. The ARC gathers information to help drive social change at Brunel and within the higher education sector.



There are so many societies and activities to get involved in. I have discovered three new hobbies – climbing, cycling and salsa dancing, which have helped me to meet new people.

Amy, Occupational Therapy BSc (Hons)

Sports clubs and societies

There are over 100 societies for you to get involved in at Brunel, from the Arts and Crafts Society and the Indian Society, to subject specific groups where you can socialise with students from your course. There are also over 50 sports clubs for you to try, including Athletics, American Football and Lacrosse. Our sports clubs are free to use for all students, once you join Team Brunel. Visit brunel.ac.uk/life for more information.

Social

From our campus bar Loco's to The Venue nightclub there's something for everyone to enjoy. Loco's has everything you could want from a student bar, including pool tables, comfy sofas and a wide range of food and drink – making it the perfect place to hang out with friends.

The Union also host lots of evening entertainment from Bingo to Karaoke to Open Mic nights.

NUS discounts

The Union is affiliated with NUS, meaning you can purchase a 1 or 3-year TOTUM card; giving you access to hundreds of discounts and offers at shops, restaurants and retailers across the country. You can get your card online by visiting brunelstudents.com

Active@Brunel

This is the union's social sport programme, which is available to all students. We run weekly yoga, pilates and boxercise classes alongside on campus intramural football leagues that you can enter with your friends. Visit brunelstudents.com/active to find out more.

YOUR WELLBEING

Brunel
Support

While you're with us, there may be times when you need some extra advice or support. Whether this relates to student life, finances, employment or legal issues, we're here to help. All of our support is available through one point of access so that we can help you identify which service is best for your individual needs.

Counselling and mental wellbeing

Brunel is committed to supporting students' mental health and wellbeing. Therefore we have a variety of services which are free to all Brunel students. Whether you need practical support from our Mental Health Advisors on the impact on your studies, or you need therapeutic support from our Counsellors, we are available to support you. There are also a variety of workshop sessions throughout the year, some run by our professional staff and others by trained students. For more information, please contact studentsupport@brunel.ac.uk

Faith and religion

The Meeting House is your Faith and Spirituality Centre. Students can unwind and explore faith and spirituality at appropriate prayer facilities around campus. The Meeting House is a dedicated space where you can enjoy the Quiet Room or relax with tea in the lounge. The team can offer a listening ear, advice and spiritual support. Chaplains from Christian, Muslim and Hindu faiths are available throughout the week. For more information, please contact meetinghouse@brunel.ac.uk

Student support

Our campus and facilities are recognised as some of the best in the country for disabled students.

We offer advice and support to disabled students, including those with dyslexia and other specific learning disabilities, Asperger syndrome, mobility and sensory impairments and unseen disabilities such as epilepsy, diabetes, arthritis and sickle cell anaemia.

Our disability advisers will help you access the support or specialist equipment you need to make the most of your studies. We arrange support individually with each student and the service is confidential. For more information, please contact studentsupport@brunel.ac.uk

Further information on student support can be found at brunel.ac.uk/life/supporting-you



Seeking Brunel's counselling service was one of the better decisions I have made in my time at the University, and only wish I had made this decision earlier. Before joining the service, I was unsure about how I was going to complete the final year of my studies whilst coping with mental health challenges.

The Disabled Students' Allowance (DSA) is open to Home students with any disability. It is not a loan and does not need to be paid back. You'll find out more at gov.uk/disabled-students-allowances-dsas





Be part of our vibrant community

The world's students call Brunel home. Something we're extremely proud of. In fact, 150 of the world's countries are represented at Brunel which gives you the opportunity to live and study as part of a diverse, international community.

But don't take our word for it. Visit our single site campus. Walk about. Stop and listen. You'll hear a multitude of languages, see an array of cultures and witness a truly cosmopolitan environment. No wonder Brunel is ranked in the top 30 universities in the world for international outlook*.

*Times Higher Education World University Rankings 2021



WELCOMING INTERNATIONAL STUDENTS

Brunel is proud to be home to over 4,900 international students from around the world. When you join Brunel, you'll become part of our vibrant community. Our friendly Student Support team are there to make sure you feel at home here and have the best experience possible.

Meet us in your country

We travel throughout the world to attend Higher Education exhibitions, interview applicants and attend pre-departure information sessions. This is a great opportunity for you to find out more about Brunel and to ask any questions you may have. To view our upcoming events visit brunel.ac.uk/events-in-your-country

Scholarships

We offer a number of international scholarships each year. Some awards are worth up to £6,000 a year which will go a long way to help you fund tuition fees and living costs whilst you're at university. Brunel is also a Chevening Scholarship partner. You'll find more details online at brunel.ac.uk/international/scholarships

Helping you settle in

Coming to the UK to study is exciting but we appreciate that it can be daunting too. We want to help you settle in to university life quickly and easily and our friendly Student Services Team and Brunel Buddies scheme offer new students practical advice and support from the first day you arrive.

We also run an Orientation Programme and Airport Welcome Service from Heathrow Airport before the start of the academic year. This programme gives you the opportunity to meet new people, get practical advice about living in the UK, familiarise yourself with our campus and the local area, and register onto your course.





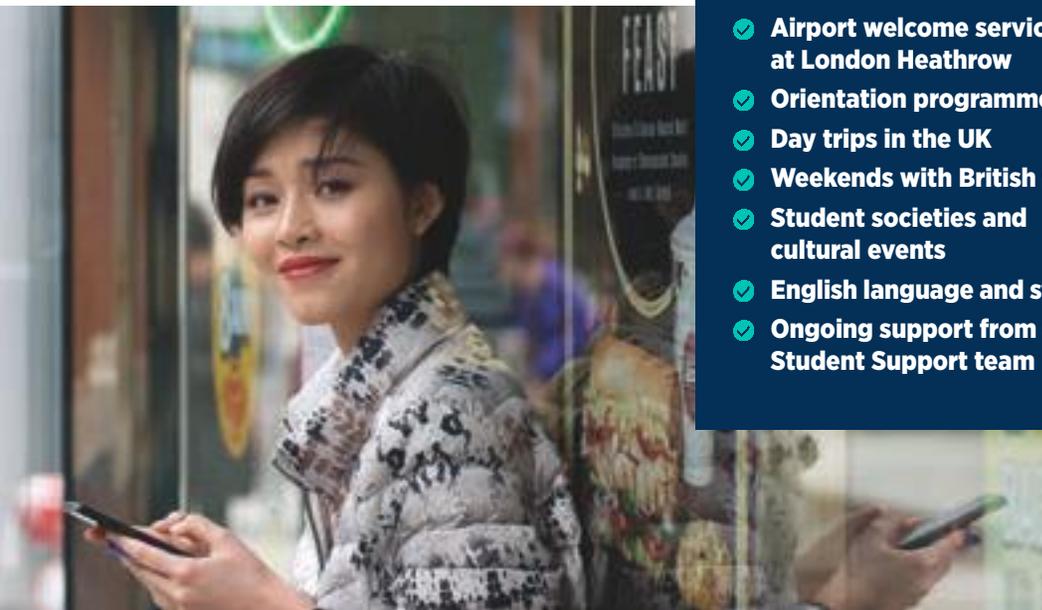
Applying to Brunel

You should apply through the Universities and Colleges Admissions Service (UCAS) and you must show that you meet the English language requirements for your course. You'll find more information on UCAS on page 201.

Brunel has representatives around the world who can help you with the application process. For more information about Brunel in your country, visit brunel.ac.uk/international

We provide the extra help you need:

- ✔ Advice on visas and immigration
- ✔ Pre-departure and arrival information
- ✔ Airport welcome service at London Heathrow
- ✔ Orientation programme
- ✔ Day trips in the UK
- ✔ Weekends with British families
- ✔ Student societies and cultural events
- ✔ English language and study support
- ✔ Ongoing support from our Student Support team



SUPPORTING YOU WITH YOUR ENGLISH LANGUAGE

Brunel recognises a range of English language qualifications. You can find out more about these at brunel.ac.uk/english-language-requirements

Brunel Language Centre

If your level of English does not meet the entry requirements for your course, you'll be offered the chance to attend an English language course at the Brunel Language Centre. The Centre can support you before and during your studies.

To help you meet your entry requirements, we run pre-sessional English courses lasting from 6-50 weeks, depending on your needs. As you progress through your academic course, the Brunel Language Centre offers free academic English support through group courses and one-to-one consultations. This means you can continue to develop your skills in academic writing, reading, listening, discussion, pronunciation and presentation skills throughout your course.

For more information (including start dates for pre-sessional English, fees and how to apply), visit brunel.ac.uk/language-centre

Take the BrunELT

The BrunELT is an established test that has been developed by staff at Brunel to evaluate your level of English. It can be used to:

- Provide evidence of your English level when applying for a degree at Brunel University London or Brunel Pathway College
- Determine if you need to study a pre-sessional English course before your academic course

We hold the test every two weeks on our campus in London and also in some selected countries throughout the year. Find out about the test structure, dates and more at brunel.ac.uk/brunelt

Academic English support during your degree

We offer free English language courses to all students studying an undergraduate or postgraduate degree at Brunel University London whose first language is not English.

You also have the opportunity to book one-to-one consultations with an English tutor to discuss assignments and job applications. More information can be found at brunel.ac.uk/academic-english



97% average pass rate for pre-sessional courses



Recognised by the English Language Gazette as a Centre of Excellence



Small class sizes and individual support



Accredited by the
BRITISH COUNCIL
for the teaching
of English in the UK

PATHWAYS TO UNDERGRADUATE COURSES AT BRUNEL

We have specially designed courses to prepare students for entry to Brunel. Nearly 4,500 students who have completed a pathway programme at Brunel Pathway College – our on-campus pathway provider – have progressed onto graduating with a full undergraduate or postgraduate degree from Brunel.

Our courses

Our courses are of particular benefit to students who are unable to meet the direct entry criteria or level of English required for entry to the degree programmes.

We offer the following pathways into 70% of our undergraduate degree programmes:

- Accountancy
- Business and Management
- Business Computing/Computer Science
- Design
- Economics and Finance
- Engineering
- Humanities, Social Sciences and Education
- Law
- Life Sciences
- Sports Science

All of our undergraduate pathway courses include an optional work placement year. We also have multiple intakes throughout the year, in September, January and May, giving you more flexibility over when to start your studies. You'll find more information at brunel.ac.uk/bpc

Foundation Stage

Foundation Stage is for students who do not quite meet Brunel's direct entry criteria. It will help you understand what is expected from you at university and prepare you for your chosen degree.

International Year 1 Stage

This covers the first-year curriculum of a Brunel degree in smaller class sizes and with extra academic contact hours. This will enable you to fully develop your knowledge and understanding of each module.

The extra support provided by BPC will help you to successfully bridge the gap between your previous studies and Brunel. Whilst studying at the Pathway College (BPC), you will have access to the same University facilities and services as every other student on campus.



When I arrived at Brunel, I had doubts about how I would be integrated in the community, being an international student. I was pleasantly surprised by the open-mindedness and friendly environment of the staff and students. I met people from all over the world.

Camilla, Economics and Business Finance BSc (Hons)

BRUNEL GLOBAL



We encourage our students to take advantage of the many opportunities we provide to explore new places as part of your degree. Whatever your chosen programme of study, we have an option that will help you become a global graduate.



Our Partner Universities

We work with a range of partner universities worldwide. Depending on the subject you are studying you could study for six months or up to a year at the University of Vienna, Austria, Charles University Prague, Tokyo University of Science or San Francisco State University. A full list of partners can be found at brunel.ac.uk/ourpartnerships

You don't necessarily need to speak a foreign language to study abroad, as many of our partners teach in English. If you would like some extra language preparation to kick-start your journey, you can take advantage of one of our nine free language courses offered on-campus, including Japanese and Spanish.





Your study options

There are a number of pathways you can choose from that allow you to earn credits towards your degree including:

- **Exchange** adds another dimension to a challenging university experience by spending part of your degree in another country. The international exchange programme enables students from Brunel to spend a year or a single term at one of our partner institutions outside the EU. The academic work you complete at our partner institution will be credited towards your Brunel degree if we have an exchange agreement in your subject area.
- **Erasmus+** supports higher education students to study abroad for up to one year in another European university or to gain valuable international work experience in a European organisation. Taking part in the programme helps you to develop personally and professionally.
- **Summer Schools** students can spend two or more weeks in a range of destinations including China, India and Columbia, during the summer (please check with your department if credits can be earned).

Depending on the course you are studying, you may also be able to arrange a work placement abroad as many of our degree programmes support placements in other countries. Our students have taken up placements in over 60 countries worldwide, including the USA, Hong Kong and the UAE, at companies such as HSBC Bank, IBM, GlaxoSmithKline and Unilever.

Why go abroad?

Wherever you decide to go in the world, you'll encounter new challenges, develop new skills and experience different cultures – all of which will help you to stand out in a competitive global job market. By studying abroad you can:

- Enhance your language skills
- Raise your cultural awareness and gain an international outlook
- Explore new parts of the world
- Boost your confidence
- Improve your CV
- Make new friends from all over the world

Make it happen

The Global Engagement Office manages international mobility at Brunel and can provide advice on which study option suits you best. More information, including how to apply, can be found at brunel.ac.uk/studyabroad



CHOOSING YOUR COURSE

COURSE ICONS:



WORK PLACEMENT



STUDY ABROAD



ACCREDITATION

COLLEGE OF BUSINESS, ARTS AND SOCIAL SCIENCES

ANTHROPOLOGY 38

Anthropology BSc	40
Anthropology and Sociology BSc	40

BRUNEL BUSINESS SCHOOL 42

Business and Management BSc	44
Accounting and Business Management BSc	44
Entrepreneurship and Innovation BSc	45
Human Resource Management BSc	45
Marketing Management BSc	46
International Business Management BSc	46

COMMUNICATION AND MEDIA STUDIES 48

Communication and Media Studies BSc	50
-------------------------------------	----

CREATIVE WRITING 52

Creative Writing BA	54
---------------------	----

ECONOMICS AND FINANCE 56

Accountancy BSc	58
Banking and Finance BSc	58
Economics BSc	59
Economics and Accounting BSc	59
Economics and Business Finance BSc	60
Economics and Management BSc	60
Finance and Accounting BSc	61
Economics and Mathematics with an Integrated Foundation Year	61

EDUCATION 62

Education BA	64
--------------	----

ENGLISH 66

English BA	68
English with Creative Writing BA	68

FILM STUDIES 70

Film and Television Studies BA	72
Film and Television Studies and English BA	72
Film Production BA	73
Film Production and Theatre BA	73

GAMES DESIGN 74

Games Design BA	76
Games Design and Creative Writing BA	76

GLOBAL CHALLENGES 78

Global Challenges (Global Innovation) BSc	80
Global Challenges (Planetary Health) BSc	80
Global Challenges (Security) BSc	81
Global Challenges (Social Cohesion) BSc	81

HISTORY 82

Modern History BA	84
Military and International History BA	84

JOURNALISM 86

Journalism (Communication) BA	88
Journalism (Politics) BA	88

LAW 90

Law LLB	92
Law with Criminal Justice LLB	92
Law with International Arbitration and Commercial Law LLB	93
Graduate Entry LLB	93

MUSIC 94

Music BA	96
Music (Production) BA	96

POLITICS AND INTERNATIONAL RELATIONS 98

Politics BSc	100
Politics and History BSc	100
Politics and Sociology BSc	101
International Politics BSc	101

SOCIOLOGY 102

Sociology BSc	104
Sociology (Media) BSc	104

THEATRE 106

Theatre BA	108
Theatre and Creative Writing BA	108
Theatre and English BA	110

ANTHROPOLOGY

 brunel.ac.uk/anthropology



Taught by experts with an excellent reputation for cutting-edge research

Anthropology at Brunel offers a unique and powerful means of understanding cultural and social diversity in the modern world. Internationally renowned for cutting-edge work in new scholarly fields, we maintain a strong tradition of broad-based anthropological teaching.

Anthropology is concerned with contemporary issues such as multiculturalism, identity politics, racism and ethnic nationalism, changing forms of the family, religious conflict, gender and the political role of culture. You'll open your mind to different perspectives by challenging your assumptions and developing your analytical thinking. It addresses such perennial questions about human nature as: 'What do we have in common with each other cross-culturally?' and 'What makes us different?' If you are intrigued by these questions and want to study a discipline that will equip you for a wide variety of occupations, anthropology is the course for you.

- **Anthropology BSc (Hons)**

In addition to the general Anthropology route, you'll have the choice to specialise in Anthropology with Childhood, Youth and Education, with Global Health, or with Development, War and Humanitarian Assistance from your second year.

We also offer a joint honours degree:

- **Anthropology and Sociology BSc (Hons)**

Study Anthropology at Brunel

With an excellent reputation for cutting-edge research addressing both global issues and local problems, our staff are experts in child-focused anthropological studies, development, psychological anthropology and medical anthropology. You will be encouraged to have challenging debates during your lessons to identify different perspectives on current topics in the news. From your second year, you'll have the choice to specialise in one of our three unique pathways which will provide you with practical training to apply to real-world problems, or you study a range of different regional cultures on our social anthropology degree.

Our thriving Anthropology Society organises parties, film screenings, trips and talks that will help you extend your learning as you socialise.

If you select one of our four-year placement courses you'll have the opportunity to spend 12 months on a placement (two shorter placements or one long placement).

Careers and your future

Our exclusive pathways provide firm anthropological grounding on real-world issues, while placement courses offer important work experience and connect you with organisations and people who will be invaluable when it comes to progressing your career. You'll have a dedicated specialist from the Professional Development Centre to help you search for field work or apply for placement roles. Your personal tutors will actively support you whilst you're on placement and offer guidance when conducting research for your assignment if you require extra help.

Our graduates have gone on to work at UNICEF, the NHS, NGOs and charities such as Oxfam and Save The Children, as well as in local government, the legal sector, business and the media.



Our students undertake placements across the globe, often combining them with ethnographic fieldwork for a truly distinctive experience. Recent projects have included marine conservation in Montserrat, working with women and children in Morocco and – closer to home – working with homeless youth in Birmingham.

Dr Liana Chua, Senior Lecturer in Anthropology

Anthropology BSc (Hons)

brunel.ac.uk/bsc-an



UCAS codes

L601 3 years full-time

L602 4 years full-time with two six month placements

L603 4 years full-time with one year placement

Entry criteria

A-level BBB **BTEC** DDM **IB** 30 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Anthropology considers issues about how individuals and cultures experience life differently. It addresses perennial questions about human nature, such as: 'What do we have in common with each other cross-culturally?' and 'What makes us different?'. A special feature of the course at Brunel is the opportunity to do fieldwork placements anywhere in the world, plus the freedom to choose one of four pathways: Anthropology; Anthropology (Childhood, Youth and Education); Anthropology (Development, War and Humanitarian Assistance); or Anthropology (Global Health).

Typical modules (some modules are pathway specific)

Year 1 Anthropology and Contemporary Debates • Introduction to Anthropology: Beliefs and Ways of Thinking • Practising Anthropology 1

Year 2 Anthropology of Education and Learning • Anthropological Perspectives on War and Humanitarianism • Political and Economic Issues in Anthropology

Year 3 Anthropology of the Person • Ethnography of a Selected Region • Social Anthropology Dissertation

Anthropology and Sociology BSc (Hons)

brunel.ac.uk/bsc-ans



UCAS codes

LL6H 3 years full-time

LL63 4 years full-time with two six month placements

LL64 4 years full-time with one year placement

Entry criteria

A-level BBB **BTEC** DDM **IB** 30 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Anthropology is concerned with contemporary issues such as multiculturalism, identity politics, racism and ethnic nationalism; changing forms of the family, religious conflict, gender, and the political role of culture. Sociology considers the foundations of social life and the big issues in contemporary society such as inequality, racism and globalisation, or the role of communications media in our culture. This course will equip you with a big range of skills for a changing world. Around half of Brunel Anthropology students choose to do a fieldwork placement abroad, or you could opt for a placement year closer to home.

Typical modules (some modules are pathway specific)

Year 1 Introduction to Anthropology: Themes • Contemporary Society and Media • Anthropology, Objects and Images

Year 2 Classical Anthropological Theory • Practising Anthropology 2 • Sociology of Everyday Life

Year 3 Anthropology of Education and Learning • Racism, Identity and Difference • Social Anthropology and Sociology Dissertation



Studying anthropology is unlike studying any other course. It is a discipline that changes you as a person – for the better. For me, anthropology changed the way I see the world: I not only question everything around me, but I also accept and understand aspects of human life that I would have otherwise pretentiously judged. Anthropology is the enlightenment of what it means to be human.

Chrisyl, Anthropology BSc (Hons)



 A portrait of a young man with short brown hair, smiling, wearing a green t-shirt. He is positioned on the left side of a blue background.

“ One of the best things about my course is the opportunity to do a placement and put into practice what you’ve learnt in class – something that no other university does. I went to volunteer in a boarding school in the jungles of Guatemala, which was an incredible experience. Doing the placement helped me to find a purpose beyond university – which is what it’s all about!

Chad, Anthropology and Sociology BSc (Hons) Alumni

BRUNEL BUSINESS SCHOOL

 brunel.ac.uk/business-school



**Accredited by
the AACSB, the
highest standard
of quality**



Brunel Business School is dedicated to excellence in learning and is in the top 20 UK universities for research. This passion in the pursuit of knowledge translates into teaching that engages and inspires. We are also accredited by The Association to Advance Collegiate Schools of Business (AACSB), the highest global standard for business schools with only 5% worldwide achieving this accolade.

Our graduates go on to do great things, winning awards for their business ideas and achievements, and gaining recognition for their brilliant thinking. We ensure that we embrace all aspects of business from technical skills and lateral problem solving through to creativity and entrepreneurship, offering you the best possible route to success.

- **Business and Management BSc (Hons)**
- **Accounting and Business Management BSc**
- **Entrepreneurship and Innovation BSc**
- **Human Resource Management BSc**
- **Marketing Management BSc**
- **International Business BSc (Hons)**

Study Business and Management at Brunel

Studying Business at Brunel will develop your global awareness and help you to become an innovative, ambitious and connected professional who influences how the world does business.

Studying at our award-winning Business School means you will learn across the different functions of an organisation including entrepreneurship, marketing, management, accounting and organisational behaviour, so you can find out which area really suits your interests.

You'll benefit from being taught by industry experts. Many of our academics have been internationally recognised for their own work and some have experienced running their own companies or have worked for major organisations. Studying Business at Brunel is about more than developing skills in the classroom; you will learn what it takes to make it in business today, meet global business leaders and form lasting industry connections.

Careers and your future

We have extensive links with employers and industry and you'll benefit from our networks as well as having the opportunity to learn from a variety of guest speakers. All our business degrees offer an optional work placement year and we'll encourage you to take this up. This experience in the workplace is highly valued by employers and will give you the edge when you apply for jobs.

Our inspiring professional development programme Business Life will also help you to prepare for the world of work. Companies are increasingly looking for graduates who can make an instant impact with digital skills in a range of business functions.

With events and guest talks alongside a host of industry qualifications, it's a great way to gain confidence and have fun while improving your employability prospects.



To be a competitive employee in a global work environment today, employers are seeking a balance of business skills and industry experience from a business graduate. Our programme develops and prepares our graduates with these required attributes through the opportunity for work placement and industry engagement which is embedded in their learning activities and curriculum.

Dr Ace Simpson, Director of Undergraduate Studies

Business and Management BSc (Hons)

brunel.ac.uk/bsc-bm



UCAS codes

N100 3 years full-time

N221 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDD **IB** 30 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Our Business and Management degree will equip you with a broad knowledge and appreciation of issues faced in the world of business. You'll gain the analytical, technical and interpersonal skills required to understand, analyse and address the challenges faced by today's companies.

The components of this degree offer you the widest range of core skills in business and management out of all our degree offerings, and will broaden your knowledge of business concepts as you work on real life business issues and live case studies.

Typical modules

Year 1 International Business Environment

- Introduction to Accounting and Financial Management
- Organisational Behaviour and Analysis

Year 2 Critical Perspectives in Management • Managing Change and Creativity in Organisations • Operations Management

Year 3 Business Ethics, Environmental Sustainability and Governance • Innovation and Knowledge Management • Issues and Controversies in Management Project

Accounting and Business Management BSc

brunel.ac.uk/bsc-bma



UCAS codes

NN14 3 years full-time

N2NL 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDD **IB** 30 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Accounting best practice is key to the success and longevity of a business. Accounting data contributes to valuable analysis with which to chart the progress of a business and support pivotal decision-making. This can be particularly useful when projecting future profitability and sustainability.

This Accounting degree is accredited by all the professional accountancy bodies in the UK (ACCA, CIMA, ICAEW, CIPFA, AIA), and allows you to gain exemptions from some of their professional papers if you wish to further your study with them upon graduation.

Typical modules

Year 1 Introduction to Accounting and Financial Management • Introduction to Management Enquiry • Managing Information with Technology

Year 2 Accounting Information Systems • Management Accounting – Decision Making • Principles and Practices of Financial Accounting

Year 3 Auditing and Assurance • Corporate Reporting • Issues and Controversies in Accounting



Being at Brunel has been an amazing journey and I've met wonderful people from all over the world and got to live on a stunning, modern campus. I enrolled on the general pathway, which gave me the opportunity to study every part of business and understand what I really enjoy. The lecturers aim to give more than just theoretical knowledge, and the information is always relevant to current events, opening my eyes to the real business world.

Avgustina, Business and Management BSc (Hons)

Entrepreneurship and Innovation BSc

brunel.ac.uk/bsc-bme



UCAS codes

N110 3 years full-time

N111 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDD **IB** 30 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

The Entrepreneurship and Innovation degree has been specifically created to help you put learning into action while you study by creating your own start-up business.

Through a series of specialist modules in your second and third years (including your final year project), you will develop entrepreneurial skills and a nimble approach to business and innovation. You'll gain confidence in your acumen and become quick to recognise and evaluate new business opportunities while calculating risk. Hands-on, practice-based learning is key to this unique degree offering.

Typical modules

Year 1 International Business Environment • Managing Information with Technology • Principles and Practices of Marketing

Year 2 Creativity, Innovation and Leadership • Entrepreneurship and Marketing in Business • New Venture Creation

Year 3 Corporate Entrepreneurship and Innovation • Entrepreneurial Finance • Entrepreneurship and Small Business Management



Human Resource Management BSc

brunel.ac.uk/bsc-hrm



UCAS codes

N130 3 years full-time

N131 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDD **IB** 30 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Our Human Resource Management degree provides a versatile qualification applicable to almost any sector or organisation. As a graduate you'll have a comprehensive understanding of current theory and practice relating to employment relations including best practices in hiring, assessing, training and developing the workforce. You will also have learned general people and leadership skills and be equipped to implement sustainable HRM strategies that raise levels of employee wellbeing and performance in a given organisational context.

Typical modules

Year 1 Introduction to Management Enquiry • Managing Information with Technology • Organisational Behaviour and Analysis

Year 2 Employment Relations • Human Resource Management and its International Dimensions • Managing Change and Creativity in Organisations

Year 3 HRM in Context: Resourcing, Performance and Assessment • Issues and Controversies in HRM Project • Organisational Structure, Functions and Service Delivery



Marketing Management BSc

brunel.ac.uk/bsc-bmm



UCAS codes

N2NM 3 years full-time

N2N5 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDD **IB** 30 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Understanding customer behaviour and translating this into how a company communicates and operates is the crux of good marketing practice, which in turn, is integral to a successful business.

You will explore the principles and practices of modern day marketing, such as market research, database marketing, digital marketing, and the marketing of not-for-profit services.

You may also obtain the Chartered Institute of Marketing (CIM) Certificate in Professional Marketing while you study through the CIM Gateway, as this is a CIM accredited course.

Typical modules

Year 1 Introduction to Management Enquiry • Managing Information with Technology • Principles and Practice of Marketing

Year 2 Consumer Behaviour • Digital Marketing • Marketing Research

Year 3 Brand Management • International Marketing • Issues and Controversies in Marketing Project



International Business Management BSc

brunel.ac.uk/bsc-ib



UCAS codes

N120 3 years full-time

N121 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDD **IB** 30 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

International Business BSc is designed for those seeking to operate within an international business setting or within companies and jobs where an understanding of international business is an asset.

We'll explore the impact of internationalisation on factors such as innovation management, human resource management, entrepreneurship and economical business environment.

The emphasis of this degree is on the challenges created by globalisation, challenges which are particularly relevant to multinational enterprises as they account for over fifty percent of global output.

Typical modules

Year 1 International Business Environment • Introduction to Management Enquiry • Organisational Behaviour and Analysis

Year 2 International Business in Emerging Markets • International Relations • Quantitative Methods for Business and Management

Year 3 Globalisation, Trade and Investment • International Business Strategy • International Strategic Innovation Management

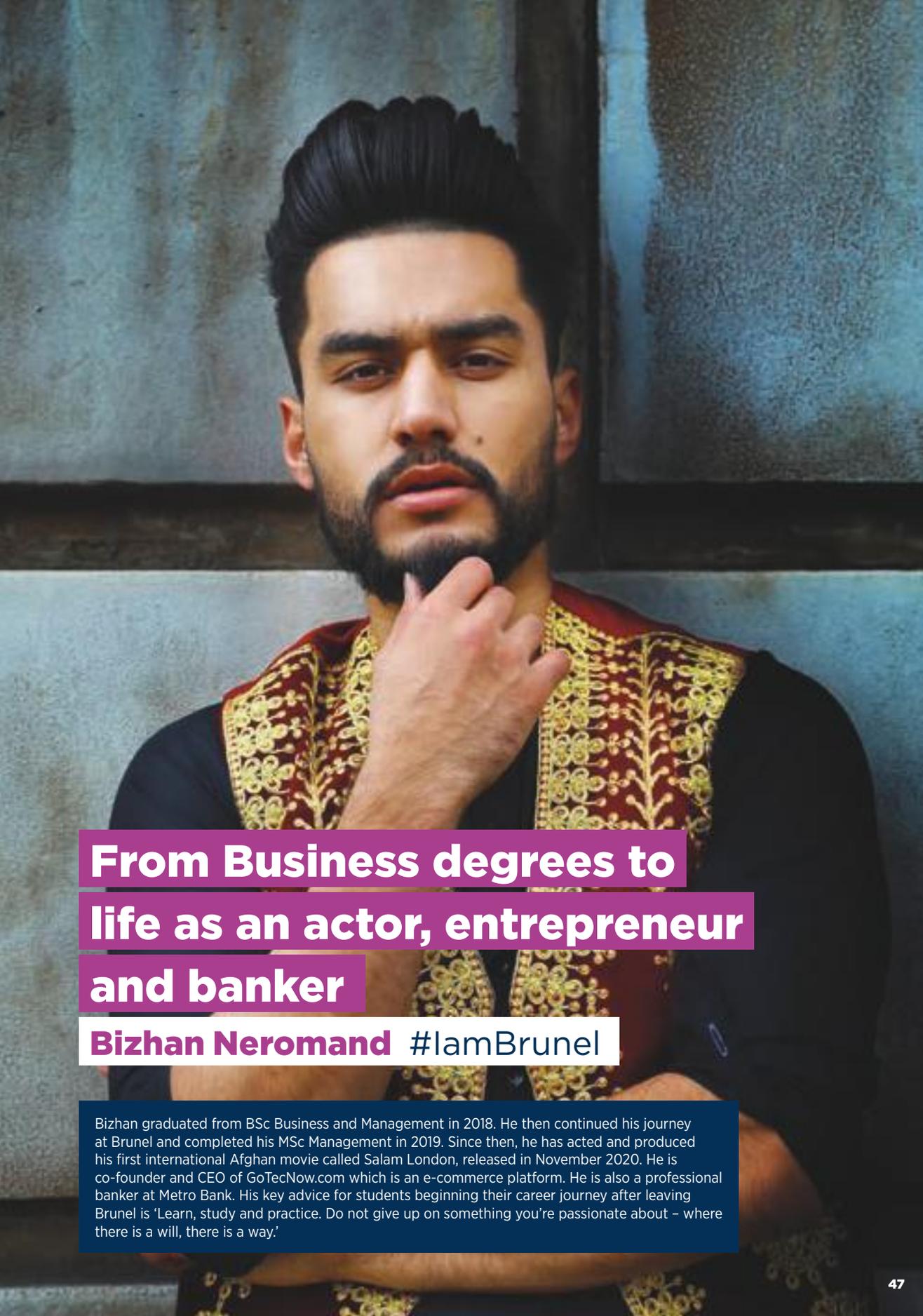


Since arriving here four years ago, Brunel has been like a second home to me. I couldn't have asked for a more enriching journey in both, personal and educational levels.

I have made many new friends from all over the world. I love the high diversity in our campus because, at Brunel it doesn't matter where you come from. There's always a place for new students with great minds.

Besides the social ambience, the Business School has done an extremely good job on their approach to students and they are constantly looking for alternative ways to improve the teaching methods and programmes.

Juan, Business and Management (Marketing) BSc (Hons)

A portrait of Bizhan Neromand, a man with dark hair and a beard, wearing a black shirt with a gold and red patterned vest. He is resting his chin on his hand.

From Business degrees to life as an actor, entrepreneur and banker

Bizhan Neromand #IamBrunel

Bizhan graduated from BSc Business and Management in 2018. He then continued his journey at Brunel and completed his MSc Management in 2019. Since then, he has acted and produced his first international Afghan movie called Salam London, released in November 2020. He is co-founder and CEO of GoTecNow.com which is an e-commerce platform. He is also a professional banker at Metro Bank. His key advice for students beginning their career journey after leaving Brunel is 'Learn, study and practice. Do not give up on something you're passionate about - where there is a will, there is a way.'

COMMUNICATION AND MEDIA STUDIES



brunel.ac.uk/communication-and-media-studies



State-of-the-art media services suite

Our Communication and Media Studies degree aims to provide you with a mature, critical and sociologically informed understanding of the place of the media in today's society, with a particular focus on new communication and information technologies.

The course is closely connected with Sociology at Brunel and we pay particular attention to the social and cultural dimensions of the media, especially the social and cultural consequences of the new technologies of communication and information.

We offer innovative and classic teaching methods, with modules that draw on the leading edge research of staff specialising in the role of communication systems and modes of representations. This means that our students have the latest and most up-to-date content whilst giving them plenty of hands on experience.

• Communication and Media Studies BSc (Hons)

Study Communication and Media Studies at Brunel

We bring together experts who understand social, economic and political forces with specialists in communications. Our lecturers are research active and their work feeds into their teaching to offer you an exciting and challenging educational experience.

You'll learn, theoretically and via hands on experience, how communication and media actually work. You will study practical media production in our specialist suites using professional standard editing software. Our state-of-the-art media services suite has industry standard facilities. You'll have access to video production equipment and training, so you can gain experience in video editing and production and develop the skills needed by media employers.

By choosing to undertake a work placement you'll benefit from our links with external organisations. Past placements have included work in TV, film and video production, advertising, digital marketing, the music business, local radio and public relations.

Careers and your future

You'll acquire knowledge in understanding traditional and new information and communications technologies and processes. You'll develop a set of transferable skills such as critical thinking, presentation and public speaking skills which are all useful across a wide range of careers. We provide rigorous training in methodologies and research skills. The experience and contacts you'll acquire will be invaluable, and frequently employers offer Brunel placement students full-time jobs. Most of our students that choose to go on a placement do so in London within the media industry. Our students have recently secured placements in companies such as Cartoon Network, IMG Media and The Walt Disney Company.

Our graduates enter a variety of careers ranging from public relations and corporate communications to research and production work for video and television.



In this moment of intense media and social change, the Communication and Media Studies BSc at Brunel provides a brilliant base to study media, communications and society. We offer an exciting range of practical training, engagement with theory, and work placement degrees.

Sarita Malik, Professor of Media, Culture and Communications

Communication and Media Studies BSc (Hons)

brunel.ac.uk/bsc-cms



UCAS codes

PP93 3 years full-time

P910 4 years full-time with two six month placements

PP94 4 years full-time with one year placement

Entry criteria

A-level BBC **BTEC** DDM **IB** 29 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

This course enjoys a very close relationship with Sociology at Brunel and combines elements of sociology and theoretical media studies with the practical elements of media studies. You'll focus on all aspects of society: its personal, social and cultural dimensions. On the practical side of your course, you'll have the opportunity to learn about cameras, lighting and editing in our dedicated media services suite. As part of the course, you'll learn how to make your own films in groups using our dedicated media services suite.

Typical modules

Year 1 Key Ideas in Media • Making Sense of Culture and Society • Media Production I: NonFiction

Year 2 Global Communication • Media Genres • Visual Cultures • Media Production II: Fiction

Year 3 Comedy, the Media and Society • Digital Cultures • Communication and Media Studies Dissertation



My course had shown to be a great base for my future, as the programme offers a broad range of modules to choose from. I like that I get the opportunity to learn about sociology, psychology and media, in one course. This gave me options to choose for placements, internships and jobs.

Veronica, Communication and Media Studies BSc (Hons)



Hollywood calls for Brunel film project

#IamBrunel

A short film made by Brunel University London students in partnership with industry professionals was screened at the prestigious HollyShorts Film Festival in Hollywood, USA. *The Sound* was selected from among thousands of entries to the annual festival and was screened alongside competition from major names, including actor and film-maker Matthew Modine (*Full Metal Jacket/Stranger Things*). The film was created under the Teach Brunel project, From Script to Screen, which enables students on Film, TV, Communication and Media courses to work with professionals from the film industry, improve their skills, and gain valuable on-set experience. Starring BAFTA-nominated actor Joseph Mawle (*Game of Thrones/Ripper Street*) and Sienna Guillory (*Eragon/Resident Evil*).

The film, which follows a young girl desperate to find the source of the haunting sound plaguing her mother, screened at the world famous Chinese Theatre in Hollywood on August 13 2017.

CREATIVE WRITING

 brunel.ac.uk/creative-writing



**Ranked
2nd in
London***

You'll get to pursue your passion for writing on some of the best creative writing courses on offer in the UK, where you'll be supported and surrounded by literary experts.

We want to build independent writers who can confidently explore their imagination and put it on a page. Our passion and expertise will meet your imagination and ideas to impact your learning experience.

We believe that the best teachers of writing are writers, so we've filled our department with some of the most talented and original wordsmiths working today. These include: Benjamin Zephaniah, one of the pioneers of the performance poetry movement in Britain; 2019 Booker Prize winner Bernardine Evaristo MBE, who founded the Brunel University African Poetry Prize in 2011 and Daljit Nagra, Faber poet and Radio 4 and 4 Extra's inaugural Poet in Residence.

- **Creative Writing BA (Hons)**

You can also select one of our joint honours degrees:

- **English with Creative Writing BA (Hons), see page 68**
- **Games Design and Creative Writing BA (Hons), see page 76**
- **Theatre and Creative Writing BA (Hons), see page 108**

Study Creative Writing at Brunel

Writers are readers, too. You will explore fantasy, thriller, experimental, steampunk, historical, horror, political, feminist, chick lit, lad lit, crime, and comic fiction. Having the opportunity to cover such a diverse range of genres will help you to learn writing techniques and develop your own skills to create innovative fiction, theatre, and poetry.

Creative Writing at Brunel is far more than just sitting in lecture halls and libraries or analysing texts. We'll encourage your creative freedom and you will produce plays, perform poetry, create blogs, and more. As well as the many events and initiatives we run on campus you'll have the chance to publish your work in anthologies curated and co-edited by our community of creative writing students.

Careers and your future

Creative Writing at Brunel is your passport to a wide variety of career destinations. From film modules that will spark your inspiration and skills in screenwriting to compulsory English study that lends to editing and publishing roles, you have the opportunity to follow your passions. Our graduates are doing wonderful things in publishing, journalism, advertising, television, film, public relations and teaching.

You'll get plenty of exposure to the industry. We invite guest speakers including practitioners from book, magazine and news publishing, film and television, talent agents and career development consultants to come and talk to our students. Our undergraduate courses also come with the option to take a one-year work placement. This is an invaluable opportunity to build your confidence in a variety of work settings and see which future career is right for you.

*Complete University Guide 2020



We inspire our students to find the forms that best suit their imagination and personality. We teach each student that there is no right way to write, each form is malleable and subject to innovation. We make sure all our lectures and seminars are fun, that students make massive developments while having a good time!

Daljit Nagra, Programme Lead for Creative Writing and Chair of Royal Society of Literature

Creative Writing BA (Hons)

brunel.ac.uk/ba-cw



UCAS codes

W800 3 years full-time

W801 4 years full-time with placement

Entry criteria

A-level BBC **BTEC** DDM **IB** 29 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

This course has been designed to encourage high levels of creativity, initiative and originality in the design, production, interpretation and analysis of creative writing. You will be taught every genre of creative writing by some of the most talented writers working today. You'll develop your knowledge of the writing professions through our career-focused module on creative writing and the creative industries.

Past students have gone on to work at the BBC and Universal Studios, as well as publishing novels, having produced screenwriting and plays.

Typical modules

Year 1 Creative Writing Practice • Introduction to Writing Fiction • The Creative Process

Year 2 Modernism • Writing Contemporary Poetry • Writing the Short Story

Year 3 The Creative Industries • Writing Film and Television • Writing Modern Fiction



The way the lecturers approach critiquing student work has allowed me to learn how to be open to constructive criticism, and I'm incredibly grateful for this because their criticism has helped my writing grow in ways I didn't think were possible.

Iris, Creative Writing BA (Hons)



Graduate's career takes thrilling turn

Tara Lyons #IamBrunel

Just two years after writer Tara Lyons took her first stab at crime fiction, the Brunel alumna won a publishing deal with Bloodhound Books, attracted rave reviews, and has released four novels in the DI Hamilton series. Tara crossed over from series to standalone and is currently writing her second suspense novel.

In 2016 the English graduate, penned her debut solo novel – *In the Shadows* – together with *The Caller* and *Web of Deceit*, written in partnership with New York Times bestselling author M.A. Comley.

Tara said she instantly loved Brunel. “I studied English because I loved reading. At only 18, it’s sometimes hard to know what you want to do for the rest of your life, so I decided to continue studying a subject I knew I’d enjoy for three years. I didn’t appreciate how much that degree would open my eyes. My reading options were endless and the support was phenomenal.”

With the help of her tutor, Tara secured a work placement on a retail company’s in-house magazine. She went on to work for the publication for eight years after graduation as a writer then editor, before turning to creative writing.

In the Shadows was well received by readers and critics, with dozens of Amazon reviewers awarding the book five stars, describing it as ‘a fantastic debut’ and ‘one hell of a read’.

ECONOMICS AND FINANCE



brunel.ac.uk/economics-and-finance



**Accredited
by ACCA,
CIMA and
ICAEW**

Economics and Finance are intellectually stimulating subjects that can be applied to a range of problems and are relevant in many different contexts.

Studying Economics and Finance at Brunel will provide you with a firm foundation of knowledge about the workings of the economy. You'll also develop transferable skills that can be used in a wide variety of career settings. Our degrees will give you an immersive learning experience, preparing you to enter this fast-paced industry. With engaging staff and real-world learning, you'll become an independent thinker, ready for the world of economics, finance and accounting through thought leadership and practical application.

All our BSc degrees carry accreditation by a professional accounting body such as ACCA, CIMA or the ICAEW. Please see individual course descriptions for details.

- **Accountancy BSc (Hons)**
- **Banking and Finance BSc (Hons)**
- **Economics BSc (Hons)**
- **Economics and Accounting BSc (Hons)**
- **Economics and Business Finance BSc (Hons)**
- **Economics and Management BSc (Hons)**
- **Finance and Accounting BSc (Hons)**
- **Economics and Mathematics with an Integrated Foundation Year**

Study Economics and Finance at Brunel

At Brunel we offer a powerful combination of theory and practice thanks to our strong research culture, which profoundly enhances our teaching and your learning. Our courses are informed by our staff's internationally-acclaimed research in financial markets and institutions, micro and macroeconomics, development, financial accounting, corporate governance and econometrics.

We believe in building skills outside the classroom by creating an environment in which you can make contact with industry, policy makers and entrepreneurs. You'll have the opportunity to experience what it is like to operate on the trading floor of a stock exchange or face the 'press' in a mock press conference.

If you opt for a placement course, you will gain fantastic work experience with one of the many organisations we have links with.

Careers and your future

Our aim is to teach you 'employable knowledge', which can be applied to real-world situations giving you the skills you need to find the right role after you graduate. Therefore, you'll be well prepared for work, especially if you undertake a work placement. Securing economics and finance degree jobs is highly competitive so we'll support you to gain a strong foundation in the skills employers are looking for. We offer opportunities within the Department of Economics and Finance as well as through the University's Professional Development Centre (PDC) to help you build skills and experience.

Our graduates are employed in many fields, with roles at JP Morgan, PricewaterhouseCoopers (PwC), KPMG, HSBC and the Bank of England. Within industry, graduates are working at businesses like BP, Xerox and Shell.



Our aim is to ensure you have a good start to your career in accountancy, banking, economics and finance with a well-focused Bachelors of Science supported by opportunities to develop academic and industry standard technical skills and a great placement year.

**Dr Angeliki Theophilopoulou, Undergraduate Programmes Leader,
Department of Economics and Finance**

Accountancy BSc (Hons)

brunel.ac.uk/bsc-ac



UCAS codes

L120 3 years full-time

L121 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDD **IB** 30 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Provides students interested in entering the profession with the knowledge, skills and insights that inform current accountancy practice and financial management. You'll get a comprehensive grounding in the conceptual, professional and practical aspects of accountancy at national and global levels, and develop your ability to identify and solve complex accounting problems across a range of business scenarios. You'll also gain a firm understanding of the financial drivers underpinning business, leadership, strategy and planning. Includes training in Sage Accounting software. Accredited by ACCA, CIMA and ICAEW.

Typical modules

Year 1 Accountancy for Business • Introduction to Financial Accounting • Quantitative Methods in Accountancy, Economics and Finance

Year 2 Ethics and Accounting • Financial Accounting and Statement Analysis • Taxation

Year 3 Audit and Assurance • Forensic Accounting • Accountancy Project



Banking and Finance BSc (Hons)

brunel.ac.uk/bsc-bf



UCAS codes

L130 3 years full-time

L131 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDD **IB** 30 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Banking and Finance provides students with a solid grounding in micro and macroeconomic principles, accounting practices and the workings of financial markets. You'll also study advanced topics including real estate finance, financial regulation, risk management and how banking and financial systems operate in an international context. You'll also learn about the dynamic relationship between investors, financial markets and the institutions that enable transactions between the two. Training is provided in the analytical packages used by financial institutions such as Bloomberg, Reuters, SAS, EViews and STATA. Accredited by ACCA and CIMA.

Typical modules

Year 1 Financial Markets • Macroeconomic Principles • Microeconomic Principles

Year 2 Company Law and Regulation • Corporate Finance • Money and Banking

Year 3 Economics of Banking • Financial Regulation • Economics Project



The opportunity to develop professional skills at Brunel is fantastic. Studying economics and building industry skills has set me up for the working world. The lectures are tailored to real-world applications which have developed my cognitive skills, which will help me secure highly respected positions.

Ken, Economics BSc (Hons)

Economics BSc (Hons)brunel.ac.uk/bsc-ec**UCAS codes****L101** 3 years full-time**L106** 4 years full-time with placement**Entry criteria****A-level** BBB **BTEC** DDD **IB** 30 points**IELTS** 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

This course provides a thorough grounding in economic theory with the practical skills needed to apply that knowledge to business, industrial, financial or government environments. You'll learn how markets operate from microeconomic and macroeconomic perspectives and how trade and business priorities shape the ways societies function. You'll also develop analytical, quantitative, statistical and computing skills to predict how societies, governments, businesses and households will respond to events, trends and market behaviour. Training is available in SAS, EViews, Bloomberg, Reuters and STATA. ACCA and CIMA accredited.

Typical modules**Year 1** Financial Markets • Macroeconomic Principles • Microeconomic Principles**Year 2** Introduction to Econometrics • Mathematical Economics • Money and Banking**Year 3** Behavioural Economics and Finance • Development Economics • Economics Project**Economics and Accounting BSc (Hons)**brunel.ac.uk/bsc-bsb**UCAS codes****LN14** 3 years full-time**NL41** 4 years full-time with placement**Entry criteria****A-level** BBB **BTEC** DDD **IB** 30 points**IELTS** 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Provides students with the theoretical and practical skills necessary to understand and analyse economic and accounting issues that arise in business, industrial, financial or government environments. You'll learn the fundamental analytical techniques of micro and macroeconomics and gain a comprehensive knowledge of the principles and practices of financial and management accounting. You'll also study econometrics and develop sought-after skills in data modelling; training is also provided in analytical packages like SAS, EViews, Bloomberg, Reuters and STATA. Accredited by ACCA, CIMA and ICAEW.

Typical modules**Year 1** Financial Markets • Introduction to Financial Accounting • Quantitative Methods in Accountancy, Economics and Finance**Year 2** Company Law and Regulation • Financial Accounting and Statement Analysis • Introduction to Econometrics**Year 3** Managerial and Industrial Economics • Taxation • Economics Project OR Accountancy Project

Economics and Business Finance BSc (Hons)

brunel.ac.uk/bsc-ef



UCAS codes

LND3 3 years full-time

LNC3 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDD **IB** 30 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Equips students interested in pursuing careers in finance the theoretical and practical skills needed to understand and analyse economic and corporate financing and investment decisions in the business world. You'll get a solid grounding in the analytical techniques of micro and macroeconomics and develop your ability to critically evaluate economic events and their impact on financial markets. You'll study econometrics and develop highly valued skills in data modelling, and receive training in platforms like SAS, EViews, Bloomberg, Reuters and STATA. Accredited by ACCA and CIMA.

Typical modules

Year 1 Financial Markets • Macroeconomic Principles • Microeconomic Principles

Year 2 Corporate Finance • Corporate Investment • Money and Banking

Year 3 International Money and Finance • Managerial and Industrial Economics • Economics Project



Economics and Management BSc (Hons)

brunel.ac.uk/bsc-em



UCAS codes

LNC2 3 years full-time

LND2 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDD **IB** 30 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Offers students interested in careers in management a detailed understanding of how economies and corporations function. You'll examine how resources are allocated in response to consumer demand, business objectives and government policy, and how incentives are aligned between shareholders, managers and employees. Through economics you'll learn about production, distribution and capital formation activities, while your management specialisation will focus on the coordination and use of materials and labour to achieve defined goals. Training is provided in SAS, EViews, Bloomberg, Reuters and STATA. Accredited by ACCA and CIMA.

Typical modules

Year 1 Financial Markets • Organisational Behaviour and Analysis • Quantitative Methods in Accountancy, Economics and Finance

Year 2 Macroeconomic Principles II • Marketing Research • Microeconomic Principles II

Year 3 International Money and Finance • Strategic Management • Economics Project



Finance and Accounting BSc (Hons)

brunel.ac.uk/bsc-fa



UCAS codes

NN34 3 years full-time

NN3K 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDD **IB** 30 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Provides students with the knowledge, skills, and insights needed to successfully pursue careers in accountancy and other roles across the financial sector. You'll study the theories and practices of finance and accounting and get a clear understanding of the regulatory and social frameworks in which these disciplines operate. You'll explore subjects like financial markets, financial accounting and reporting, management accounting and corporate finance and investment. You'll also be trained in platforms like SAS, EViews, Bloomberg, Reuters and STATA. Accreditation by the ACCA, CIMA and ICAEW.

Typical modules

Year 1 Financial Markets • Introduction to Financial Accounting • Mathematics for Economics and Finance

Year 2 Company Law and Regulation • Financial Accounting and Statement Analysis • Management Accounting

Year 3 Auditing and Assurance • Taxation • Economics Project OR Finance Project OR Accounting Project



Economics and Mathematics with an Integrated Foundation Year

brunel.ac.uk/fdsc-em



UCAS codes

L102 4 years full-time

L103 5 years full-time with placement

Entry criteria

A-level CDD **BTEC** DMM **IB** 25 points

IELTS 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Taught by the Department of Mathematics, this foundation reflects the essential role of mathematics in your subsequent degree studies. An ideal choice if you're looking to change direction, having not achieved A-levels in mathematics or economics, or if you're a mature applicant returning to study.

Successful completion leads directly into Year 1 of one of the following degrees – there's no need to re-apply to UCAS.

- Banking and Finance BSc
- Economics BSc
- Economics and Accounting BSc
- Economics and Business Finance BSc
- Economics and Management BSc
- Finance and Accounting BSc

Typical modules

Year 0 Algebra • Calculus • Economics • Statistics



Finance and Accounting has prepared me well for my career in accounting. With so many exemptions from professional bodies, I'll become a qualified accountant so much quicker, with fewer exams! Not only that, Brunel encourages you to do a work placement year which I was fortunate enough to complete at The Walt Disney Company. Brunel isn't just a place to get a good degree, it's a giant stepping stone into the working world.

Riza, Finance and Accounting BSc (Hons)

EDUCATION



brunel.ac.uk/education



**Ranked
3rd in
London**

Brunel's Department of Education is rated as one of the best in the UK and 3rd in London for education (Guardian League Table 2021), thanks to our commitment to situated learning for educational practitioners in a range of different contexts, a supportive learning environment and a vibrant student body.

We offer an innovative programme from which graduating students go on to secure employment in a range of exciting and rewarding education-related careers. These include: teaching; counselling; educational psychology; social work; educational administration; local education authority support; professional development and management training. Many of our undergraduate students also progress on to postgraduate studies in the field of education.

- **Education BA (Hons)**

Study Education at Brunel

Our BA Education programme will equip you with the knowledge, skills, experiences and graduate attributes to support the education of children and young people in a variety of different educational settings.

You'll have the opportunity to balance theory with professional practice by completing three placements during your time with us – one in each academic year.

You will learn in various educational contexts, which allow us to relate our programme to your individual career aspirations – whether they lie in teaching, youth work or any other role in education. We offer a range of inspiring and thought provoking co-curricular activities and trips to further enhance your studies.

Careers and your future

To support your learning experiences, we encourage and help you to arrange placements in a variety of educational settings, allowing you to build on the work you undertake in the University that reflect your own developing interests in education and work. In the past students have undertaken their placements in schools and nurseries, outdoor learning environments, arts institutions, museums, social work settings, young offenders' institutions, Pupil Referral Units (PRUs) and special schools.

On graduation, some BA Education students progress into the wide variety of routes into teaching, where they gain Qualified Teacher Status (QTS), including successful applications for our own Ofsted 'Outstanding' Postgraduate Certificate Education (PGCE) teacher education programmes. Many other graduates go on to work in educational fields such as: counselling; educational psychology; social work; and educational administration and management. Some students choose to continue to study, often with us, on our MA in Education.



We are very proud of the progress and attainment of our Education students, who demonstrate during their studies the highest academic and professional standards. Our wonderful community of current and alumni students go on to make a real difference to the educational experiences and life chances of the children and young people they work with. That is the greatest testimony to our provision here in the Department of Education at Brunel. It is my privilege as Head of Department to work with such inspiring Education students and staff colleagues.

Dr Cathy Gower, Head of the Department of Education



Education BA (Hons)

brunel.ac.uk/ba-edu



UCAS codes

X300 3 years full-time

X301 4 years full-time with placement

Entry criteria

A-level CCC **BTEC** DDM **IB** 27 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

The Education BA will equip you with a broad and balanced view of educational theory, policy and practice within a range of educational contexts. You will also have numerous opportunities to develop a range of transferable skills such as critical reflection, communication, collaboration, presentation and writing. The course includes yearly integrated work placements to give you the opportunity to explore different educational settings.

Typical modules

Year 1 Education and Society • Education Work Placements 1 • Human Development

Year 2 The Social Study of Children and Young People • Education Work Placements 2 • Educational Spaces

Year 3 Educational Work Placements 3 • Growing Up in 21st Century Britain • Dissertation



The Education programme at Brunel is great. It covers a range of topics that really open up your thinking as you discover the range of opportunities available after you graduate. This is reinforced by placements on the course. The lecturers are supportive and very knowledgeable in their areas and come from different educational backgrounds which just makes the course more interesting.

Gemma, Education BA (Hons)



ENGLISH

 brunel.ac.uk/english



Home of the Hillingdon Literary Festival

Storytelling is a fundamental human activity. Every day, we exchange jokes and stories. The important events in our lives need to be told and retold many times over. We tell and read stories for pleasure and information. We also read to gain a better understanding of ourselves and the world around us.

If you're ready to explore more widely, think more deeply and consider how you, as a reader, are placed in relation to a text – and how that affects your interpretation – you've come to the right place. A Brunel English degree will foster your imagination, independence of thought and critical analysis – transferable personal skills that employers value in graduates.

- **English BA (Hons)**

You can also select one of our joint honours degrees:

- **English with Creative Writing BA (Hons)**
- **Film and Television Studies and English BA (Hons), see page 72**
- **Theatre and English BA (Hons), see page 110**

Study English at Brunel

During your studies you'll be introduced to critical perspectives, approaches and contexts which will give you the tools to interrogate your reading. Ours is a 21st century teaching philosophy, both in terms of innovative use of technology to enhance learning and in analysing the impact technology is having on knowledge, culture and literature.

You'll be supported and surrounded by academics who are experts in their fields, many who have entered into lecturing after years of experience helping to shape the modern literary industries. Their wide array of interest and past experience also feeds directly into our course content, meaning you'll have the chance to learn across a wide variety of genres, topics and periods. You'll be able to channel the passion for what they teach, alongside your interest and start the journey of your imagination.

Careers and your future

You'll become an expert communicator who is capable of critical thought and analysis, as well as gaining knowledge on how to structure an argument, present and write. So whether you'd like to get into the more traditional routes an English degree can offer like authorship or teaching, or pursue work in the worlds of marketing, media, the public sector and beyond, you have the opportunity to build your knowledge in the area you love without limiting your future prospects.

You'll benefit from our academics' in-depth knowledge and passion for what they teach as well as their first-hand experience of what it takes to break into the literary and creative fields. They have unique insight into what it takes to make it and can give you tailored advice and support when looking for graduate roles.



Studying literature introduces us to other peoples and places. It stretches the imagination and allows us to appreciate stories we might never have heard. At Brunel, we embrace this wholeheartedly. We offer a modern, international focus, and regularly refresh our programme to mirror 21st century concerns.

Emily Horton, Lecturer, Department of English

English BA (Hons)

brunel.ac.uk/ba-eng



UCAS codes

Q300 3 years full-time

Q301 4 years full-time with placement

Entry criteria

A-level BBC **BTEC** DDM **IB** 29 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

The English BA at Brunel is an opportunity to uncover the richness of English literature history – its periods, genres and diverse storytellers – through a set of underlying themes.

We are very proud of our programme and work every year to keep it exciting and cutting edge, with an outward focus towards the world at large. Our excellent tutoring system allows us to spend dedicated time on your future and personal development. In this sense the course also has employability at its heart across the programme.

Typical modules

Year 1 World Literature: Travels and Migrations • Literature and History • Reading Resilience

Year 2 19th Century Novel • Genre Fiction • Shakespeare: Text and Performance

Year 3 Postwar and Late Twentieth Century Literature • Chaucer to Shakespeare • Violence

English with Creative Writing BA (Hons)

brunel.ac.uk/ba-ecw



UCAS codes

Q3W8 3 years full-time

QW81 4 years full-time with placement

Entry criteria

A-level BBC **BTEC** DDM **IB** 29 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Brunel offers one of the most highly regarded creative writing programmes in the UK. Many staff members are active as novelists, writers for performance, or as cultural critics.

You can combine your literary studies with creative writing and deepen your skills with a sound grounding in the fundamental techniques of fiction, poetry and writing for theatre. You'll also appreciate what it takes to make it as a writer in the real world. If you're ready to explore more widely you've come to the right place.

Typical modules

Year 1 Introduction to Writing Fiction • Introduction to Writing Poetry • World Literature: Travels and Migrations

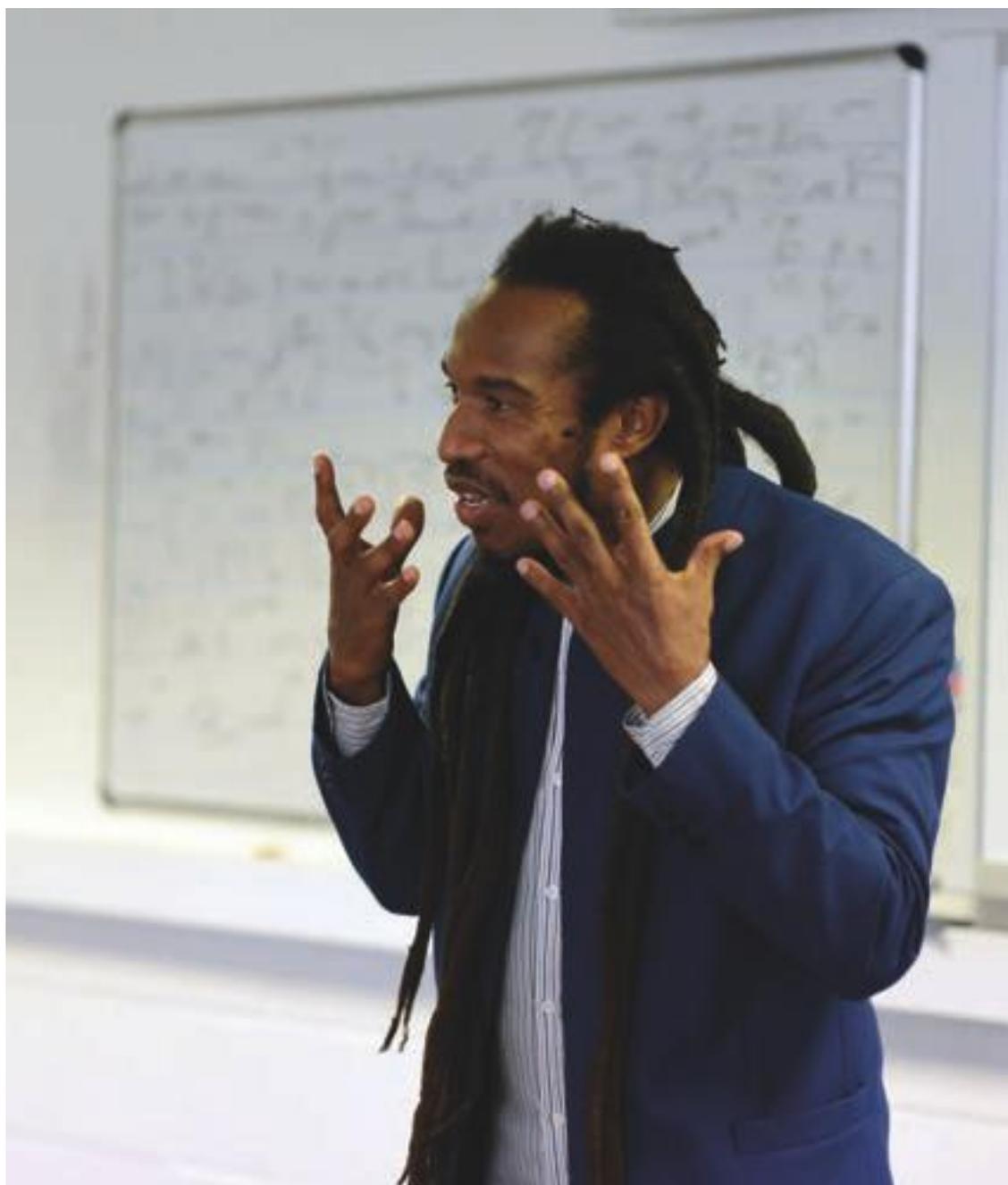
Year 2 Horror, Sci-Fi and Fantasy • Writing the Short Story • Modernism

Year 3 Performance Poetry • Victorian Literature and Culture • Modern and Contemporary Lesbian Literature



At Brunel you are given the opportunity to select modules that align with your personal tastes and preferences. This means that you are able to study traditional writers such as Shakespeare and Wordsworth alongside contemporary authors such as Margaret Atwood and Toni Morrison. This is what makes studying English at Brunel always feel modern and exciting.

Maymuun, English BA (Hons)



I find my course very interesting, especially in my second year. Part of what makes it interesting is how what we learn on the English side can be applied to the Creative Writing side, as it is all connected. My favourite thing about my course is the availability of the lecturers and tutors. They are always willing to help.

Cathan, English with Creative Writing BA (Hons)

FILM STUDIES



brunel.ac.uk/film-studies



Industry standard software and accredited training facilities



Have you ever wondered how the films, sitcoms and documentaries we love make it to our screens? Do you have a passion for film – whether it is the concepts behind them or the technical skills used to create them? If so, Film Studies at Brunel could be right for you.

You'll gain theoretical insight of the film, television and media industries alongside hands-on experience as you practically apply your learning with the support of experts. You'll learn from academics who have direct experience of working within the film industry and benefit from working in industry standard facilities that will allow you to bring your ideas and inspiration to the screen.

- **Film and Television Studies BA (Hons)**
 - **Film Production BA (Hons)**
- We also offer two joint honours degrees:
- **Film and Television Studies and English BA (Hons)**
 - **Film Production and Theatre BA (Hons)**

Study Film Studies at Brunel

The world of film, television and media is changing and developing all the time, so it's important we build graduates who can be flexible and responsive. We will teach you theoretical frameworks and hands-on skills so you can practically apply your learning with the creative industries in mind.

Our campus boasts industry standard facilities that mirror what you'll be using in a career in film and media. You'll have access to the editing suites on campus, which have production software such as the full Adobe Creative Cloud including Premiere, Audition and After Effects, with accredited training facilities for Final Cut Pro 10.

Our programmes are BAFTA Albert accredited and we have fantastic industry links and guest speakers.

Careers and your future

Our film degrees are designed to grow your confidence in film practice and film theory, alongside a sound understanding of how the film and television industry works and the kind of careers that might be available to you.

We've developed a work experience module to help you prepare. You'll be encouraged and supported to take advantage of our extensive range of contacts in media, film and television production.

A career in film studies is varied and you'll be able to pursue posts in the film and television industries and in other fields such as journalism, publishing, research, critical writing, arts administration and programming. Our graduates have gone on to work for companies including the BBC, Granada Television and Ridley Scott Associates in roles as diverse as casting agents, production assistants and film officers.



We are extremely enthusiastic about the subjects that we teach, which are closely aligned with the research interests and industry experiences of the team. We offer an exciting, innovative and contemporary approach to studying film combining theory, practice, and links to industry. Our programme fosters graduates who are critically-aware creative practitioners.

Niki Ashby, Lecturer in Digital Film Technologies and Programme Lead – Film Production, and Film and TV Studies

Film and Television Studies BA (Hons)

brunel.ac.uk/ba-ft



UCAS codes

W620 3 years full-time; 6 years part-time

W621 4 years full-time with placement

Entry criteria

A-level BBC **BTEC** DDM **IB** 29 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Do you enjoy watching films and TV shows, and wonder what goes on behind the scenes to bring the stories to life? Do you want to work in the industry where you could make the next blockbuster or TV series? If so, this course is for you.

Your Film degree will give you a thorough understanding of film by combining the production with the theory of visual digital media. You will benefit from our fantastic editing suites which have up-to-date production software and accredited training facilities.

Typical modules

Year 1 Creative Project Development • Representation and Identity • Storytelling

Year 2 Film and TV Genres • Understanding the Film and Television Industries • World Cinemas

Year 3 American Independent Cinema • Gender and Sexuality • Written Dissertation in Film/TV Or Video Essay

Film and Television Studies and English BA (Hons)

brunel.ac.uk/ba-fte



UCAS codes

W630 3 years full-time; 6 years part-time

W63P 4 years full-time with placement

Entry criteria

A-level BBC **BTEC** DDM **IB** 29 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

By opting for this joint honours degree with English, you will also study the major areas of English literature from the Renaissance to the most recent publications in poetry, fiction and drama, whilst developing an informed understanding of current debates in the subject.

This is an exciting, dynamic, wide-ranging course with plenty of flexibility allowing you to follow your own individual tastes and literary passions.

Typical modules

Year 1 Representation and Identity • Reading Resilience • World Literature, World Literacies

Year 2 Contemporary British Fiction • Film and TV Genres • Romanticism and Revolution

Year 3 Creative Industries • Culture with Gender and Sexuality • Post-War and Late Twentieth-Century Literature



In my final year, I had the opportunity to take a work experience dedicated module, which was a contributing factor to strengthening my employability post-graduation in the field of media. Brunel has excellent connections with a whole range of external organisations offering broad choice and flexibility amongst their placements.

Maja, Film and Television Studies BA (Hons)

Film Production BA (Hons)

brunel.ac.uk/ba-fp



UCAS codes

W200 3 years full-time; 6 years part-time

W201 4 years full-time with placement

Entry criteria

A-level BBC **BTEC** DDM **IB** 29 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Film Production and Theatre BA (Hons)

brunel.ac.uk/ba-fpt



UCAS codes

W244 3 years full-time; 6 years part-time

W24P 4 years full-time with placement

Entry criteria

A-level BBC **BTEC** DDM **IB** 29 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Films can evoke a multitude of emotions as we watch them on the big screens, but do you often wonder what goes into creating the masterpieces that can stick with you for a long time? By studying this course you can turn your creative curiosity into an amazing career in the film industry.

Delve into practical film and video-making, scriptwriting, filming and editing, whilst honing your critical analysis and research skills to develop a comprehensive understanding of how the film and TV industries work.

Typical modules

Year 1 Creative Project Development • Representation and Identity • Technology, Industry and Form

Year 2 Advanced Filmmaking • Film/TV Genres • Understanding the Film and TV Industry

Year 3 Alternative Film and Video Production • Dissertation Film • Documentary: Image and Violence

Do you want to work in an industry which creates moments of temporary escapism on stage or on screen for captivated audiences? If so, this course is for you. You will be able to combine your love for the theatre with your passion for films and turn your creativity into a fantastic fulfilling career.

As well as learning film production skills you will also have the opportunity to study a wide variety of theatre specialisms ranging from acting, theatre making, digital theatre, musical theatre and writing for performance.

Typical modules

Year 1 Acting 1 • Applied Drama 1 Practice: An Introduction • Storytelling

Year 2 Screenwriting • Short Fictions • Theatre Making 2

Year 3 American Independent Cinema • Digital Performance and Technology 3 • Professional Experience and Development



GAMES DESIGN

 brunel.ac.uk/games-design



Bring your ideas to life with Octopus 8

The games design industry is booming and offers an excellent career path with plenty of opportunities for development and innovation.

Our Games Design courses are for those who are passionate about video and computer games and are devoted to understanding and designing them. Designing games is about much more than programming or creating beautiful graphics, so the courses focus on the creative and practical skills needed to create an entertaining and engaging experience for gamers around the world. For us, games design is a multi-disciplinary skill that covers the creation of rules, prototypes, art, as well as analysis, communication, writing and much more.

- **Games Design BA (Hons)**

You'll have the choice to specialise in either Design, Art, Studies, Technology, or Sound and Music from your second year.

We also offer a joint honours degree:

- **Games Design and Creative Writing BA (Hons)**

Study Games Design at Brunel

You'll be taught by professionals experienced in games production and specialist researchers in the theoretical analysis of digital games. As well as thinking about how the games industry works, and the role that games play within culture and society, you will learn to prototype, write games design documents, pitch games and develop skills in asset creation, working in game engines, and 3D modelling.

We also take part in the Global Games Jam that challenges teams to create a project over a weekend and you'll have the chance to network with key players in the industry. Our courses are highly regarded by games studios and many send guest speakers to talk to our students.

Careers and your future

By the end of the course, and depending on the pathway you choose, you'll have a range of skills sought after by the games industry for roles including game design, game production, game art, game development, and game research.

During the summer break, you could work on team projects for Octopus 8, a games studio run by industry veterans to highlight new talent. The finished games are then published on online platforms like Steam, Google Play, or itch.io. We are also a Transfuser hub, guiding recent graduates who are accepted as part of this government initiative through their development process. With confidence in their skills and their abilities, our graduates leave the course prepared to enter the games industry, and many of them have gone on to work for prestigious organisations including Hasbro, Rovio, Creative Assembly, Supermassive Games, and Ubisoft.



We aim to prepare our students for a rapidly changing world by equipping them with a broad range of skills, as well as the in-depth knowledge and understanding that will help them thrive in a competitive job market or an academic career. Our close-knit community of academics, students, and industry professionals also prides itself on its relentless passion for games of all kinds.

Dr Andra Ivanescu, Admissions Tutor, Games Design

Games Design BA (Hons)

brunel.ac.uk/ba-gd



UCAS codes

I620 3 years full-time

Entry criteria

A-level BBC **BTEC** DDM **IB** 29 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

If you want to design the games you play and be a part of the booming games design industry – this is the course for you.

From the start you will be encouraged to think and work as a games designer and be given the skills to develop your own ideas. You will design and prototype your own games, pitch games and develop skills in digital asset creation, wire-framing, 3D modelling and much more. This course gives you the flexibility to explore what really interests you.

Typical modules

(some modules are pathway specific)

Year 1 Asset Creation 1: Art Fundamentals • Games Design 1: Introduction to Game Design • Global Gaming Histories

Year 2 3D Modelling for Games • Games Programming • Setting and World Design

Year 3 Gaming Technologies • Major Design/Theory Project • Socio-Cultural Studies

Games Design and Creative Writing BA (Hons)

brunel.ac.uk/ba-gdcw

UCAS codes

WW28 3 years full-time

Entry criteria

A-level BBC **BTEC** DDM **IB** 29 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

This course will help you to develop your creative writing skills and your games design skills. Whether you are interested in narrative design or simply have a passion for both writing and games, this is the course for you.

The teaching team are experts in nurturing games talent and you will benefit from their insight into the industry. You'll finish this course with a skillset that will allow you to thrive in a variety of creative industries, from games to publishing.

Typical modules

Year 1 Games Design 1: Introduction to Game Design • Introduction to Writing Fiction • Studio Practice

Year 2 Games Design 2: Mechanics and Economics • Horror, Sci-Fi and Fantasy • Writing the Short Story

Year 3 Major Design/Theory Project • Psychogeography • The Creative Industries



Games Design here at Brunel is a very enjoyable course where everyone works together and gets on well, making for a sociable, enjoyable and great opportunity for those heading into the games industry.

Joel, Games Design BA (Hons)



GLOBAL CHALLENGES

 brunel.ac.uk/global-challenges



Develop skills in natural science, social science and humanities

Global Challenges looks at how and why the world around us is changing and encourages new ways of thinking to tackle the pressing issues that face us all.

We've drawn on the expertise of our academics from across Brunel to give you an understanding of the scientific, social, political and economic factors that impact on decision making in today's world. Our unique teaching methods have been designed to strengthen your analytical skills when perceiving the world around you, so whichever pathway you choose you'll be challenged to think differently and be practically and intellectually prepared to make an impact in the future.

- **Global Challenges (Global Innovation) BAsc (Hons)**
- **Global Challenges (Planetary Health) BAsc (Hons)**
- **Global Challenges (Security) BAsc (Hons)**
- **Global Challenges (Social Cohesion) BAsc (Hons)**

Study Global Challenges at Brunel

Global Challenges is an emerging and exciting subject area which will challenge you to think differently about humanity's relationship with the contemporary world.

You will have the chance to choose one of four specially curated pathways alongside the 'core spine' of the degree so your learning experience will be truly unique.

This course offers students opportunities to work across science, social science and humanities disciplines whilst providing an international context to everything you learn. This will give you exposure and knowledge of the multiple challenges society faces locally and globally. You'll have the opportunity to take part in a short summer internship after your first year as a means of broadening your skills base and horizons.

You'll also be encouraged to begin/improve your skills in a another language which you can study for free on campus.

Careers and your future

Global Challenges is both a Bachelor of Arts and a Bachelor of Science. Having developed skills in scientific, social scientific and humanities fields, you'll be able to confidently engage with a range of perspectives, evidence bases and stakeholders. Placements are also available allowing you to practically apply what you have learnt in a range of industry contexts.

After graduation you'll be able to actively contribute and lead the necessary change needed to respond to emerging issues. You'll be able to innovate and improve processes in a dynamic manner, and to actively contribute to improving outcomes for employers, or as an employer yourself.

Graduates will be equipped for roles in a number of industries including, but certainly not limited to, business, media and communications, systems design and consulting, international development, healthcare, government and diplomatic service.



The core of the programme necessarily covers a lot of ground, but to identify some specifics: it engages with and interrogates discourses of development, modernisation and progress. It examines systematic inequities including racism, structural violence, neo-colonialism and white supremacy; the role of dominant economic models and global systems.

Dr Mary E Richards, Global Challenges Programme Director

Global Challenges (Global Innovation) BSc (Hons)

brunel.ac.uk/basc-gi



UCAS codes

GL01 3 years full-time

GLP1 4 years full-time with placement

Entry criteria

A-level BBC **BTEC** DDM **IB** 29 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

If you're bursting with ideas on how to make the world a better place, this degree could help you to make a real difference as it has been developed for innovators.

You'll understand the causes and effects of real-world problems and will learn key skills to develop innovative and sustainable products and solutions that could change lives.

A large part of the course will be learning how to put your ideas through a process of investigations to test their viability.

Typical modules

Year 1 Addressing Global Challenges • Global Innovation Investigation • Introduction to Global Innovation

Year 2 Global Innovation Integration • Transdisciplinary Knowledge Integration and Negotiation • Transdisciplinary Science and Engineering

Year 3 Global Challenges in Practice • Global Innovation Management • Global Innovation Practice

Global Challenges (Planetary Health) BSc (Hons)

brunel.ac.uk/basc-ph



UCAS codes

GL02 3 years full-time

GLP2 4 years full-time with placement

Entry criteria

A-level BBC **BTEC** DDM **IB** 29 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Are you curious about how to deal with the environmental challenges that affect nations across the world? On this pathway, you will learn about the connections between the health of our planet and the health of people who live on it. Planetary Health is an emerging field designed to respond to the challenges of current global environmental changes and this pathway is on one of the few undergraduate programmes worldwide dedicated to the topic.

Typical modules

Year 1 Addressing Global Challenges • Foundations of Planetary Health in Practice: Introduction to Planetary Health • Global Public Health and Social Justice

Year 2 Addressing Contemporary Global Challenges • Ecosystem Transformations and Health Impacts • Environmental Change

Year 3 Evidence Based Policy Document: Healing the Planet in Practice • Global Challenges in Practice • Intervention Proposal



We must explore and develop solutions to determine a stable global future. I chose Planetary Health at Brunel for this reason and because it allows me to develop a transdisciplinary mindset and set of skills to apply to real-world problems.

Anika, Global Challenges (Planetary Health) BSc (Hons)

Global Challenges (Security) BAsc (Hons)

brunel.ac.uk/basc-se



UCAS codes

GL03 3 years full-time

GLP3 4 years full-time with placement

Entry criteria

A-level BBC **BTEC** DDM **IB** 29 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Conflict, war, genocide and disaster affect millions of lives globally. If you are concerned by this, look no further.

The course will allow you to explore urgent pressing questions such as: Why does violence occur? What steps can be taken to keep communities safe? How can we ensure justice and rights for all?

Everyone wants to feel secure. Whether it is the security of our families, our communities, our food and water supplies, our homes or our futures, securing the safety of our resources and ourselves is increasingly being challenged by war, conflict and environmental disasters.

Typical modules

Year 1 Addressing Global Challenges • Integrated Security Concepts • Integrated Security: Security, Intelligence, Reasoning, and Influence

Year 2 Addressing Contemporary Global Challenges • Applied Security Applications • Theoretical Approaches and Conflict Vectors

Year 3 Advanced Security Analysis • Advanced Security: Threats, Simulation, and Government • Global Challenges in Practice

Global Challenges (Social Cohesion) BAsc (Hons)

brunel.ac.uk/basc-sc



UCAS codes

GL04 3 years full-time

GLP4 4 years full-time with placement

Entry criteria

A-level BBC **BTEC** DDM **IB** 29 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

What holds communities, societies and nations together? What are the root causes of current global challenges? Is it just economics and politics or are deeper factors at work? How do we resolve conflict and use data and science to address global challenges? Join this pathway if you wish to learn the skills to be an empathetic global leader.

The content and structure of the course is unique and pathbreaking. You will be trained in statistical analysis as well as qualitative approaches to develop your transdisciplinary skills (core and pathway). In addition, you will be able to develop your skills in analytical thinking, time management, team building, leadership, and communication (through presentations, policy briefs, blogs, videos, website and posters).

This holistic approach will help you push through your comfort zone, challenge your ideas and prepare you to think from different angles.

Typical modules

Year 1 Addressing Global Challenges • Approaches to Media • Systems of Society: Analysis and Exploration

Year 2 Addressing Contemporary Global Challenges • Analysing Movements and Technologies: Migration Portfolio • Dialogue and Dissent

Year 3 Evidence Based Policy Document • Global Challenges in Practice • Investigating Challenges and Communities



The Social Cohesion pathway has played an integral role in shaping how I view with the world around me. Paired with the multidisciplinary approaches that I have been taught, my confidence to engage with the world's multifaceted societal challenges has grown!

Karl, Global Challenges (Social Cohesion) BAsc (Hons)

HISTORY

 brunel.ac.uk/history



Access to our 'Special Collections' archive

Do you have a passion for exploring societies and events of the past? Study one of our innovative undergraduate History degrees and you'll look at the modern world from a new perspective. You'll compare and contrast the past and the present and understand their connection better.

Throughout your degree, you will be taught by award-winning lecturers who are experts in their chosen fields. Study History at Brunel and you'll benefit from the range of archives based on campus in our special collections and at renowned establishments in central London.

- **Modern History BA (Hons)**
- **Military and International History BA (Hons)**

We also offer a joint honours degree:

- **Politics and History BSc (Hons), see page 100**

Study History at Brunel

Our academics are widely respected and their work carries weight and influence – the impact of our research, for example, has been graded world-leading and internationally excellent. You'll benefit from our dynamic, friendly department where you will be taught by specialists who are internationally recognised and have their own distinct teaching style. As you study, you'll develop your skills in written and oral communication, through recovering and interpreting historical evidence, formulating arguments and developing effective analytical and critical thinking tools.

Brunel has its own extensive library and archives, including a unique set of Special Collections that is unavailable elsewhere. Being located close to central London means you will also have access to a wider network of renowned establishments to enhance your learning experience, including world famous libraries and museums and vast archival repositories.

Careers and your future

All our students are offered the opportunity to enhance their employability by undertaking a Brunel Certificate in Journalism, as well as an NCTJ diploma in Journalism. You'll also have the opportunity to take part in a dynamic work placement or a social media internship to enhance your learning and develop your employability skills.

You'll gain transferable employment skills so you will develop skills in communication and interaction, public speaking and presentation, report writing and time management, as well as learning how to formulate arguments. Our graduates have obtained jobs in a variety of public and private sectors including business, marketing, HR, teaching, PR and journalism as well as in Government and NGOs. For those having studied the Military and International History degree, some have gone on to a career in the armed forces.



Our primary focus is the student experience. We offer teaching from award-winning, world-leading experts in their fields. Beyond the classroom, we provide innovative tutoring, extensive study support and a wide array of excursions, study abroad and work placement opportunities. The success of this approach is reflected in our consistently strong performances in the National Student Survey.

Dr Richard Hammond, Lecturer in War Studies

Modern History BA (Hons)

brunel.ac.uk/ba-hist



UCAS codes

V200 3 years full-time

V201 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDM **IB** 30 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Studying and analysing history will take you back into the societies of the past to help you understand contemporary issues all the more. It's also a subject that will help to demonstrate your intellectual acumen and understanding of world affairs, which will be an asset in so many fields of work.

By opting for a placement year you'll be adding work experience to your CV that will help to show future employers where you might be a good fit for their organisation.

Course content

What are strands? The course content is made up of a variety of subject area strands that can be studied across all three years of the programme. At every level, there are modules relating to each strand. After taking the compulsory modules in the first year, you can choose to study across a range of strands, or specialise in particular strands. Below is a list of the strands and you can find the current modules on our website at brunel.ac.uk/ba-hist

Strand names African History • British and European History • Historiography and Sources • Imperial and Commonwealth History • International History • Race and Gender History

Military and International History BA (Hons)

brunel.ac.uk/bsc-mih



UCAS codes

V102 3 years full-time

V103 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDM **IB** 30 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Far from being just knowledge of the past, studying issues related to important world events, defence, security, intelligence and strategy are not only insightful, they'll be highly valued in a troubled world by employers within these fields, and beyond. Modules like 'What is History?' which uncovers the themes and tools used by historians and 'Total War in the Modern Era', chronicling key wars and their influence, will help prepare you for the more specialist modules to follow later in the course.

Course content

What are strands? The course content is made up of a variety of subject area strands that can be studied across all three years of the programme. At every level, there are modules relating to each strand. After taking the compulsory modules in the first year, you can choose to study across a range of strands, or specialise in particular strands. Below is a list of the strands and you can find the current modules on our website at brunel.ac.uk/ba-hist

Strand names Historiography and Sources • International History • Military History



Choosing to study History at Brunel has been one of the best decisions I ever made. I enjoy attending my lectures and seminars/workshops because they are interactive and engaging. The support which we get from our lecturers is incredible, and we are openly encouraged to visit their office to ask for help or consolidate our knowledge on a topic.

Antonia, History BA (Hons)



“

My course provides a unique opportunity to study specialist modules while maintaining a broader focus within the discipline, which is exciting. The support and encouragement from academics has also been invaluable and gives me the confidence to reach my full potential.

Meghan, Military and International History BA (Hons)

JOURNALISM

 brunel.ac.uk/journalism



Follow our graduates working in the BBC and Sky News

Perhaps you enjoy writing and have a keen interest in communication or politics? Or want to present to camera as a broadcast journalist? Or you are an experienced blogger or vlogger? If so, a journalism degree at Brunel might be a good match for you.

Brunel's BA Journalism programmes combine a strong academic background with a broad range of essential journalism skills. You choose either a Politics or Communication course, in which you take modules from those subjects in addition to Journalism ones. This means you graduate with journalism and politics or communication in your degree title, flagging up to prospective employers your practical skills and academic rigour.

- **Journalism (Communication) BA (Hons)**
- **Journalism (Politics) BA (Hons)**

Study Journalism at Brunel

Develop your skills and enter the exciting world of journalism in our supportive environment. Our academics aren't just people who sit in front of the class and talk, they're real industry professionals with a strong background in the world of journalism, communication and politics.

For our two Journalism programmes there is a strong emphasis on digital technology in the practical modules. You will learn in a 24-hour, state-of-the-art, multiplatform digital newsroom and broadcast facilities, using the latest edition industry-standard hardware and software.

You will also develop an academically robust and critical understanding of the communication or politics environments in which journalism operates and interacts.

You will have the option to take the industry accredited and much sought-after NCTJ Diploma at no extra cost.

Careers and your future

We build your employability into every level of our Journalism degrees. The combination of practical skills in journalism and rigorous academic study gives graduates a wide range of career options. You'll find our alumni* working in top newsrooms like Sky, the BBC and the Guardian. We're proud that we support our students to achieve their goals and many media companies specifically request Brunel graduates when they're hiring because of the standard of students we produce, could you be next?

For the BA Journalism (Communication) career options such as marketing, public relations or event management are possible and for the BA Journalism (Politics) you'll have a potential career route into working for MPs, campaign groups and NGOs.



We are proud to offer one of the most cutting-edge journalism degrees that equip our graduates with critical powers and highly transferable skills needed in multimedia working environments in the digital age. We encourage our students to become questioning minds and use new technologies such as Virtual Reality to enhance their career opportunities.

Kenn Toft, Lecturer, Journalism and Culture

Journalism (Communication) BA (Hons)brunel.ac.uk/ba-jcom**UCAS codes****P520** 3 years full-time**Entry criteria****A-level** BBC **BTEC** DDM **IB** 29 points**IELTS** 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

This Journalism (Communication) BA offers a balanced combination of journalism practice and communication theory modules to help equip you for a variety of roles within the industry.

You'll learn the skills of journalism such as research, pitching story ideas, interviewing, reporting and writing across multi-media platforms. In your second year, you will have the option to take the NCTJ (National Council for the Training of Journalists) Diploma in Journalism at no extra cost. You'll be taught by world-class academics, many of whom are active professional journalists.

Typical modules

Year 1 News and feature writing • Introduction to Multi-platform Journalism • Key Ideas in Media

Year 2 Cross-Platform Journalism • Reporting Arts and Culture • Creative Industries, Fashion and Culture • Social Media and Networked Culture.

Year 3 Journalism Practice Project and Portfolio • Academic Dissertation • Comedy, the Media and Society

Journalism (Politics) BA (Hons)brunel.ac.uk/ba-jpol**UCAS codes****P510** 3 years full-time**Entry criteria****A-level** BBC **BTEC** DDM **IB** 29 points**IELTS** 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Journalism (Politics) BA is an opportunity to acquire not only an understanding of journalism, politics and their relationship, but also the skills needed to practice as a journalist and the technical know-how to deliver news stories in a variety of media.

You'll learn the skills of journalism such as research, pitching story ideas, interviewing, reporting and writing across multi-media platforms. In your second year, you will have the option to take the NCTJ (National Council for the Training of Journalists) Diploma in Journalism at no extra cost. You'll be taught by world-class academics, many of whom are active professional journalists.

Typical modules

Year 1 News and feature writing • Introduction to Multi-platform Journalism • Modern British Politics

Year 2 Cross-Platform Journalism • Reporting Politics • Research in Practice; Issues in American Politics • Social Welfare

Year 3 Journalism Practice Project and Portfolio • Academic Dissertation; Elections, Parties and Voters in the UK



The environment we work in mirrors a professional newsroom so when you enter the industry after graduation you're confident and comfortable working under pressure. But what I love most is the access to resources. The department is fully stocked with cameras, sound/lighting gear, radio and editing suites all available to use and experiment with.

Zachary, Journalism and Culture BA (Hons)



Journalism students join world's media for election night special

#IamBrunel

A team of around 40 students from various programmes including Journalism and Politics banded together to provide comprehensive coverage. They were in a unique position because the counts for Mr Johnson and Shadow Chancellor John McDonnell took place in their athletics centre. Mr Johnson's constituency is Uxbridge and South Ruislip while Mr McDonnell represents Hayes and Harlington.

The students grabbed the chance to test themselves as professional reporters, political analysts and film crew members. They set up a reporting hub to produce news, interviews, broadcast and social media content, using their own website, ikbinsider.com and their twitter and Instagram feeds.

Students had an opportunity to talk with politicians including Mr McDonnell and Ali Milani, Mr Johnson's Labour rival, and other journalists from prestigious outlets. Sophie Harris, a final year journalism student, interviewed BBC presenter Andrew Marr about his thoughts on the General Election.

LAW

 brunel.ac.uk/law



Academic excellence and quality professional experiences

Brunel Law School is a diverse and vibrant community where you will be supported in your studies and encouraged to develop your skills for your future career.

You will learn in a building dedicated to law, allowing you to be surrounded by fellow law students and academics who are focused on your education on a daily basis. The Brunel Law School has strong industry links, allowing us to offer placements in a variety of legal environments to strengthen your learning and professional experience.

With our own law careers adviser, we will help you to work on your future career from day one. As a Brunel Law School student, you have access to many workshops and masterclasses to gain the knowledge you need to make your first step after you graduate.

- **Law LLB (Hons)**
- **Law with Criminal Justice LLB (Hons)**
- **Law with International Arbitration and Commercial Law LLB (Hons)**
- **Graduate Entry LLB (Hons)**

Study Law at Brunel

Law at Brunel combines academic excellence with quality professional experiences that will allow you to confront contemporary, real-world legal challenges in industry.

Our skills development opportunities mean you'll leave Brunel with a well-rounded legal mind. Building up your mooting skills through the Law Society or getting involved with Brunel's Pro Bono Legal Advice Centre are just some of the ways you can test yourself in different legal environments at Brunel.

You'll have the opportunity to apply your learning in an international setting, whilst making a difference to the lives of others. You will also be given the opportunity to gain first-hand experience in working with civil society organisations on refugees and asylum seekers.

You'll regularly be exposed to workshops and events with experts and leaders in the legal sector. Rubbing shoulders with established figures in the industry will not only give you a unique insight into their real-life experience but it will allow you to build up a network of contacts from the moment you join Brunel Law School.

Careers and your future

Our high quality placements will give you first-hand professional legal experience and we'll support you on your career journey with the guidance of dedicated careers advisors and the expertise of your personal tutor.

Our strong links with industry will help you to boost your career potential. Brunel is one of the few UK universities on the Blake Morgan Brand Ambassador Scheme – offering great work experience opportunities, mentoring programmes and giving you great exposure to the graduate recruitment team of a leading law firm.

Law affects every part of our society so we'll prepare you for work in the corporate world and government as well as legal roles in the humanitarian and criminal fields.

Under the umbrella of Law Lives, you'll build, develop and strengthen transferable skills and experiences through a range of activities such as our Pro Bono Legal Advice Centre and much more.



Law is relevant to every aspect of life, so there is something for everyone. If you're a sports fan, you can become the lawyer for your favourite team. If you love music, become an entertainment lawyer. If you're interested in business, you can be a corporate lawyer. The opportunities are endless.

Dr Hayleigh Boshier, Senior Lecturer, Intellectual Property Law

Law LLB (Hons)

brunel.ac.uk/llb-l



UCAS codes

M103 3 years full-time

M101 4 years full-time with placement

Entry criteria

A-level ABB **BTEC** D*DD **IB** 31 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

The Brunel Law LLB provides a dynamic perspective of English Law – not only what the law is, but why it is. You'll learn the theories and principles underlying the law and acquire the research, analytical and communication skills you'll need for a successful legal career. You can also tailor the final year of your course to an area of law that interests you. The Brunel LLB provides a solid grounding in the core legal subjects aspiring solicitors and barristers need to know.

Typical modules

Year 1 Public Law in Context • Contract Law • Criminal Law

Year 2 Land Law • Tort • Trusts

Year 3 International Law • Family Law • Dissertation

Law with Criminal Justice LLB (Hons)

brunel.ac.uk/llb-lcj



UCAS codes

M1M2 3 years full-time

MCM2 4 years full-time with placement

Entry criteria

A-level ABB **BTEC** D*DD **IB** 31 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

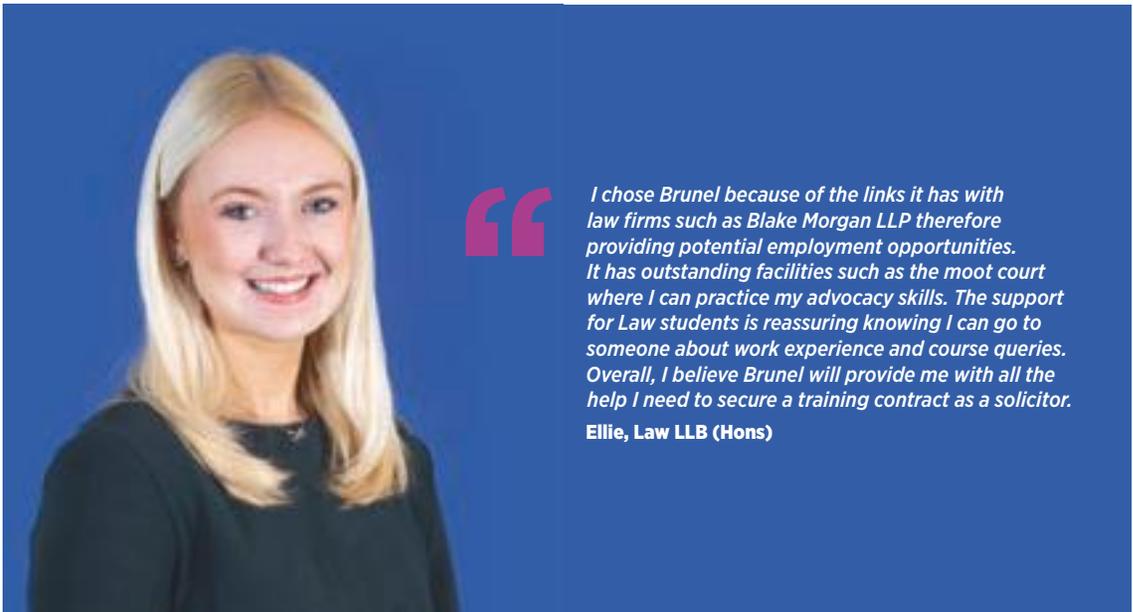
Along with the requirements of the traditional LLB degree you'll learn substantive criminal law and how the criminal justice system works in practice and procedure. Importantly, you'll be encouraged to use this knowledge to think critically about crime: its origins, its impact on society and the most effective strategies to combat it. Our Law with Criminal Justice LLB degree provides a solid grounding in the core legal subjects aspiring solicitors and barristers need to know.

Typical modules

Year 1 Criminal Law • The Civil Justice System • The Criminal Justice System

Year 2 Land Law • Tort • Trusts

Year 3 Evidence • Sentencing and Penology • Dissertation



I chose Brunel because of the links it has with law firms such as Blake Morgan LLP therefore providing potential employment opportunities. It has outstanding facilities such as the moot court where I can practice my advocacy skills. The support for Law students is reassuring knowing I can go to someone about work experience and course queries. Overall, I believe Brunel will provide me with all the help I need to secure a training contract as a solicitor.

Ellie, Law LLB (Hons)

Law with International Arbitration and Commercial Law LLB (Hons)

brunel.ac.uk/llb-lic



UCAS codes

MDM2 3 years full-time

MIMF 4 years full-time with placement

Entry criteria

A-level ABB **BTEC** D*DD **IB** 31 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

This degree will help to equip you for lucrative cross-border fields of practice. Alongside traditional LLB degree content, you'll learn commercial, international and comparative law and about cross-border transactions and cross-cultural dispute resolution. After successful completion of the degree, you will be exempt from the Chartered Institute of Arbitrators (CI Arb) Module 1 International Arbitration course and assessment and will be eligible to apply for MCI Arb status. This degree provides a solid grounding in the core legal subjects aspiring solicitors and barristers need to know.

Typical modules

Year 1 Contract Law • Public Law in Context • The Civil Justice System

Year 2 Land Law • Tort • Trusts

Year 3 Company Law • International Commercial Arbitration • Dissertation

Graduate Entry LLB (Hons)

brunel.ac.uk/llb-ge



UCAS codes

M105 2 years full-time

M106 3 years full-time with placement

Entry criteria

The minimum requirement for admission into the Graduate Entry LLB is an honours degree at 2:2 level in a subject other than Law.

For detailed entry criteria visit our web page

The Graduate Entry LLB is a fast track two-year degree that enables people with a degree in another academic discipline to earn a law degree. Choose between two years full-time, or three years full-time with a one-year professional placement to give you hands-on experience working in a legal practice. This degree provides a solid grounding in the core legal subjects aspiring solicitors and barristers need to know.

Typical modules

Year 1 Contract Law • Land Law • Public Law

Year 2 Tort • Trusts • Dissertation



MUSIC

 brunel.ac.uk/music



**Ranked
top 5 in
London***

Music at Brunel is informed by the past, grounded in the present and focused on the future.

We offer unique undergraduate programmes, firmly oriented toward the music of the 20th and 21st centuries. Music at Brunel views music of the past through the prism of contemporary musical activity, providing a strong base of knowledge and craft to enable students to be flexible, skilful and creative 21st-century musicians. You will feel equipped with the tools to learn and to develop as young creative artists.

Through an attractive range of engaging modules we place you, the creative musician, at the heart of our teaching, allowing you to develop independent and open-minded thinking. You'll also combine your music-making with other disciplines such as theatre, creative writing, design, journalism and games.

- **Music BA (Hons)**
- **Music (Production) BA (Hons)**

Study Music at Brunel

Our courses reflect the extraordinary dynamic, exciting and all-embracing musical times of today. You'll get a thorough grounding in all the skills you need to explore and succeed in establishing your own unique musical profile and identity. Most importantly we support you in personal and bespoke ways allowing you to find your own musical voice and professional pathway.

You will be taught by some of the leading figures in today's contemporary music scene; composers, arrangers, technologists, performers and musicologists. With so many world-class musicians amongst our array of teaching talent you will gain a real insight into how to develop your relationship with music from a first love into a career to showcase your talents.

Concert spaces, rehearsal rooms, and industry standard edit suites and recording studios are available to all students from week one. The Hillingdon Music Festival also takes place on campus and in the local community, featuring guest artists from around the world alongside student performances, talks, workshops and much more.

Careers and your future

Whether you want to follow a career path as a composer, curator, DJ, performer, producer, singer-songwriter, noise artist or music journalist our innovative and broad-based music degree programmes are for you.

We place our students at the centre of your own learning, mentoring and supporting your ambition whether that's setting up a music production company or a recording studio, or developing a career as a performer, composer, teacher or music therapist.

Our students have performed at prestigious venues and festivals in the UK and abroad. They've released albums spanning many genres. You'll find Brunel graduates at music festivals across the world, in major music companies, working in schools and colleges, venues, and forging the music of tomorrow in innovative ways. Many also continue to postgraduate study at universities or conservatoires.

*Complete University Guide 2020



The Brunel music course cultivates creative and critical thinking in all areas of music, whether it be experimental composition, entrepreneurship, performance, history or sound production. We aim to develop outward-looking, inquisitive students, equipped to flourish in the modern creative industries.

Dr Emily Baines, Lecturer in Music

Music BA (Hons)

brunel.ac.uk/ba-mus



UCAS codes

W300 3 years full-time

W301 4 years full-time with placement

Entry criteria

A-level BBC **BTEC** DDM **IB** 29 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

This course has been designed to develop your particular interests in music-making. You will study common first year modules to gain a strong understanding of composition, performance and musicology. In the second and third year, depending on the options you choose you will graduate with either a Music BA or Music (Production) BA. This means you develop your own bespoke pathway during your music course, and this prepares you for your chosen career in the music world.

Typical modules

Year 1 Composing 1: Capturing Ideas • Ensemble 1: The Art of Performing • Materials of Music 1: Inside the Language

Year 2 Ensemble 2: Leadership, Directing and Improvisation • Materials of Music 2: Outside the Box From the Inside • Orchestration and Arrangement

Year 3 Ensemble 3: Creating Performance • Materials of Music 3: Advanced Technical Portfolio • Studio Production 3: Taking Sonic Art to the Stage

Music (Production) BA (Hons)

brunel.ac.uk/ba-musprod



UCAS codes

W3P1 3 years full-time

W3P2 4 years full-time with placement

Entry criteria

A-level BBC **BTEC** DDM **IB** 29 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Our new BA in Music (Production) degree has been designed to develop your particular interests in music production. It aims to equip you with a deep understanding of today's musical world, enabling you to work across a wide range of the musical styles and genres that make up the diversity of contemporary music-making.

In your first year you will receive a grounding in sound recording and processing, composition, performance and musicology, and in the second and third year you can choose from a range of optional modules.

Typical modules

Year 1 Composing 1: Capturing Ideas • Ensemble 1: The Art of Performing • Materials of Music 1: Inside the Language

Year 2 Creative Studio Practice • Sound Engineering Theory • Studio Production II

Year 3 Advanced Sound Engineering Techniques • Independent Production Project • Studio Production III



The music department at Brunel has a large focus on creativity and composition, which is what initially drew me to it as a composer and songwriter myself. But the reality is that there is so much more on offer, and for me the best thing about it is that diversity. Experiencing such a wide variety of music industry aspects has allowed me to work on improving my skills across the board, become a better all-round work candidate, and opened my mind to ways of making, hearing and experiencing music that I may never have come across otherwise.

William, Music BA (Hons)



HALF MOON
PUTN

Brunel alumni makes a splash in music industry

Jason Charles Nelson #IamBrunel

As an established creative professional, Jason Charles Nelson (Music BA, 2013) leads the music direction for the successful theatre production, *Oliva Tweest*, along with the dynamic, London-based gospel choir, *Insignia*. His work has also been commissioned in the short film industry, having penned the score for *Mistaken* (2015), a Peter Martin Films production, along with a number of community based projects that tackle issues such as domestic violence. He has written and produced material for the likes of 2008 'The X Factor' winner Alexandra Burke and MOBO Award-winning singer-songwriter, Rachel Kerr.

Compositionally, Jason's style can be described as intuitively reasoned in approach, yet profoundly resonant in the message it conveys to the listener. In his works, he hones in on the subtleties of dynamic and harmonic variation, using them in tandem to produce a strikingly vivid palette of sonic colours. His personal touch also shines through in his methods of direction and tuition, having gained vast experience working with students and practitioners of all ages both across the educational system and within the domain of professional performance.

When asked about how his time at Brunel helped to shape him musically, Jason said "we were encouraged not just to think this is just the way music is, but our lecturers encouraged us to be challenged in thinking how we can take this further and think outside of the box."

POLITICS AND INTERNATIONAL RELATIONS

 brunel.ac.uk/politics



Opportunity to study NCTJ Diploma alongside your course

Do you want to make a difference in today's world? Are you fascinated and challenged by political unrest in the news and popular media?

If these questions excite you and provoke another torrent of questions in turn, you're looking in the right area for your degree course. Politics and International Relations are exciting and dynamic areas of study, stimulating debate and offering insight into how the ever-changing world around us works.

- **Politics BSc (Hons)**
- **International Politics BSc (Hons)**

You can also select one of our joint honours degrees:

- **Politics and History BSc (Hons)**
- **Politics and Sociology BSc (Hons)**

Study Politics and International Relations at Brunel

At Brunel we won't just feed you information and theory, we will immerse you in the topics you study, and you'll delve into a deeper analysis of the political world. We see politics as a science, so understand that there is more to your learning experience than just essay writing. We've structured our degrees to build your skills in critical thinking and quantitative methods and emphasise using the knowledge you gain by using real-world examples.

You'll benefit from the expertise of our staff who are consultants to government departments including the UK Cabinet Office, Home Office and the Council of Europe. Their expertise, plus the opportunity to take work placements during study means you'll leave Brunel with a dynamic and varied skillset – a kick-start to success wherever your future may lie.

Careers and your future

By opting for a placement degree, you'll gain work experience to complement your academic studies in a way that is highly valued by employers. You may have the chance to take up industrial placements in many settings including the House of Commons, HM Treasury and the Competition Commission.

You'll also get the opportunity to study the NCTJ diploma alongside your studies – the industry recognised gateway into journalism. The prestigious qualification will help you develop an insight into the field of journalism in politics, developing your skills in essential media law and regulation, court reporting, public affairs and more, at no extra cost.

Our graduates enter diverse careers. Some go into politics and the civil service; some are at GCHQ and in military intelligence. Others work in the public and private sectors, the NHS, international banks, business, consultancy, law, NGOs and the media.



Politics and history are two fascinating subjects – consistently dominating international news headlines. Studying them is crucial to understanding how the world works and continues to change. Students are taught by top academics with a passion for their subject and renowned for their research excellence.

Dr Daniela Richterova, Lecturer in Intelligence Studies

Politics BSc (Hons)

brunel.ac.uk/bsc-pol



UCAS codes

L200 3 years full-time

L202 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDM **IB** 30 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Who has political power? Why do they have it? To whom are they accountable? Is violent protest ever justified? If these questions evoke a response in you and raise more questions in turn, politics is the degree for you.

Politics is an exciting and dynamic subject, simulating debate and offering insight into how the ever-changing world around us works. It's also a degree that can demonstrate your intellectual acumen and understanding of world affairs, which will be an asset in many fields of work.

Course content

What are strands? The course content is made up of a variety of subject area strands that can be studied across all three years of the programme. At every level, there are modules relating to each strand. After taking the compulsory modules in the first year, you can choose to study across a range of strands, or specialise in particular strands. Below is a list of the strands and you can find the current modules on our website at brunel.ac.uk/bsc-pol

Strand names American Politics • British Politics • Comparative Politics • Methodology and Research Skills • Political Ideology and Theory • Public Policy and Public Administration

Politics and History BSc (Hons)

brunel.ac.uk/bsc-ph



UCAS codes

LVG1 3 years full-time

LVF1 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDM **IB** 30 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

If you're interested in politics and history – you can study both in this combined degree, as they complement each other in so many ways. What is modern politics anyway but a reflection of yesterday's political decisions?

Your politics studies will help you address critical questions like: who has political power? why do they have it? and in whose interest do their exercise it? Meanwhile, your studies in history will take you back into the societies of the past in Britain, Europe and the wider world.

Course content

What are strands? The course content is made up of a variety of subject area strands that can be studied across all three years of the programme. At every level, there are modules relating to each strand. After taking the compulsory modules in the first year, you can choose to study across a range of strands, or specialise in particular strands. Below is a list of the strands and you can find the current modules on our website at brunel.ac.uk/bsc-ph

Strand names History (compulsory elements) • History (elective elements) • Politics (compulsory elements) • Politics (elective elements)



I chose Brunel because they were one of a handful of universities close to London that offered a placement year. It's been so easy to commute into the city to attend job interviews, applicant days and networking events in my spare time. This opportunity has now given me skills that can be used in any industry that I decide to go into in the future.

Brunel's strength lies with the quality of its lecturers. They've challenged me on aspects of politics I'd never considered before and encouraged me to take advantage of the wealth of ideas available in the department. The freedom to research my own interests and develop my own arguments has meant that I've never regretted coming to Brunel.

Hal, Politics BSc (Hons)

Politics and Sociology BSc (Hons)

brunel.ac.uk/bsc-ps



UCAS codes

LLH2 3 years full-time

LL23 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDM **IB** 30 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Politics and Sociology is a dynamic combination of high level study in both subjects. Your politics studies will help you address critical questions like: Who has political power? Why do they have it? And in whose interest do they exercise it?

Meanwhile, your studies in sociology will look at subjects like sociological theory, social identities, the sociology of everyday life and the changing nature of modern societies. You'll be studying people, societies and how people live, and on the other how they are governed or want to be governed.

Course content

What are strands? The course content is made up of a variety of subject area strands that can be studied across all three years of the programme. At every level, there are modules relating to each strand. After taking the compulsory modules in the first year, you can choose to study across a range of strands, or specialise in particular strands. Below is a list of the strands and you can find the current modules on our website at brunel.ac.uk/bsc-ps

Strand names Politics (compulsory elements) • Politics (elective elements) • Sociology

International Politics BSc (Hons)

brunel.ac.uk/bsc-ip



UCAS codes

L240 3 years full-time

L241 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDM **IB** 30 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

You only have to turn on the news or open a newspaper to see how differently the nations of the world are governed. What is democracy and democratisation? How has US foreign policy changed in the last 20 years? What is globalisation?

Politics is an exciting and dynamic subject, stimulating debate and offering insight in how the ever-changing world around us works. It's also a degree that can demonstrate your intellectual acumen and understanding of world affairs, which will be an asset in so many fields of work.

Course content

What are strands? The course content is made up of a variety of subject area strands that can be studied across all three years of the programme. At every level, there are modules relating to each strand. After taking the compulsory modules in the first year, you can choose to study across a range of strands, or specialise in particular strands. Below is a list of the strands and you can find the current modules on our website at brunel.ac.uk/bsc-ip

Strand names American Politics • Comparative Politics • International Relations/World Politics • Methodology and Research Skills • Political Ideology and Theory



Studying at Brunel has been the best decision for me. The challenging lectures, the wide selection of interesting modules, academics who are happy to help you through your academic path have allowed me to grow both personally and professionally. Brunel provides plenty of opportunities for work experience on and off campus as well as a wide range of societies, projects and stimulating departmental seminars.

Filomena, International Politics BSc (Hons)

SOCIOLOGY

 brunel.ac.uk/sociology



High-quality organised placements

What is society? How and why is it changing? What are the opportunities for future change and development? If you are fascinated by human behaviour and the societies in which we order ourselves, contemporary sociology will feed your mind and stimulate your thinking.

The earliest sociologists tried to understand the major issues of their time; poverty, unemployment, social conflict; in the context of rapid and profound industrial and economic change.

Today sociologists look at how such social issues are redefined by contemporary processes of individualisation, globalisation and the rapid growth of new forms of communication.

- **Sociology BSc (Hons)**
- **Sociology (Media) BSc (Hons)**

We also offer two joint honours degrees:

- **Anthropology and Sociology BSc (Hons), see page 40**
- **Politics and Sociology BSc (Hons), see page 101**

Study Sociology at Brunel

Sociology at Brunel focuses on social change and transformations and explores all aspects of human behaviour. We bring together experts who understand social, economic and political forces with specialists in communications and our sociologists regularly publish on subjects, including celebrity culture, the influence of the media, urban spaces, multiculturalism, cosmetic surgery and comedy cultures. You'll be taught by a team of internationally recognised academics that regularly appear on the BBC, in The Guardian newspaper and other British and Global Media outlets discussing cutting-edge topics.

You will examine contemporary issues such as the nature of media-generated 'moral panics' and the policing of the twittersphere.

Few other sociology degrees contain work placements, let alone high-quality organised placements (such as working at the Disney Channel).

Careers and your future

Sociologists are in increasing demand in social welfare and policy, local government, medicine, education and research. If you are thinking of a career in any of these fields, you may be able to select relevant work experience while you're at Brunel. You can also take up the opportunity to work as an intern for several weeks alongside your studies gaining many transferable skills along the way.

As well as gaining excellent academic knowledge throughout your studies, emphasis is placed on gaining skills you can transfer to the workplace such as critical thinking, creative thinking, analytical and problem solving, as well as practical skills like public speaking and working in teams.

Graduating with a Sociology degree from Brunel is your passport to a wide variety of roles, including jobs within marketing, management, media, and many more.



I am internationally known for my work on body image and body modifications, especially cosmetic surgery. In my teaching I focus on how 'normal' changes across times and place, and how it is conveyed through media. My book Beautyscapes: Mapping Cosmetic Surgery won the 2020 Foundation for the Sociology of Health and Illness prize.

Dr Meredith Jones, Reader, Department of Social Sciences, Media and Communications

Sociology BSc (Hons)

brunel.ac.uk/bsc-soc



UCAS codes

L301 3 years full-time

L300 4 years full-time with two six month placements

L302 4 years full-time with one year placement

Entry criteria

A-level BBC **BTEC** DDM **IB** 29 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Sociology (Media) BSc (Hons)

brunel.ac.uk/bsc-sm



UCAS codes

LP33 3 years full-time

LP39 4 years full-time with two six month placements

LP34 4 years full-time with one year placement

Entry criteria

A-level BBC **BTEC** DDM **IB** 29 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Delve into a degree that will teach you the intricacies of how societies work and learn to understand how people cope with inevitable societal changes. You'll gain a thorough understanding of how social issues such as poverty, unemployment, social conflict and rapid economic and industrial change are redefined by contemporary processes of individualisation, globalisation and the growth of new forms of communication. Your first year provides a solid base in theoretical and methodological innovations; subsequent years offer options towards the issues you wish to interrogate.

Typical modules

Year 1 Key Ideas in Sociology • Making Sense of Culture and Society • Me, You or Us? Analysing Identity and Power

Year 2 Apocalypse! Crisis and Society • Ethnicity, Culture and Identity • Bodies and Society

Year 3 Comedy, the Media and Society • Global Cities: Spaces and Culture • Sociology Dissertation

By adding media studies to your study of sociology, you'll be able to explore and specialise in areas such as the social impact of new media, the internet and other information and communications technologies, media discourse, media policy and regulation. The focus of the course is on all aspects of societal relations: the personal, social and cultural dimensions. You'll also explore the similarities and differences in the methodologies used in sociology, media, and communications. A broad-based course offering plenty of options towards your interests.

Typical modules

Year 1 Key Ideas in Sociology • Key Ideas in Media • Researching Culture and Society

Year 2 Social Media and Networked Cultures • Sociology of Everyday Life: Issues in Contemporary Culture • Visual Cultures

Year 3 Comedy, the Media and Society • Digital Cultures • Sociology Dissertation



Sociology at Brunel has been thought-provoking. The modules and theories link with the ongoing political, social and economic problems from austerity to Brexit. It has included: delving into criminology theories regarding 'Deviant Identities', to using Zombie prose as a signifier of capitalism in 'Bodies and Society'.

Molly, Sociology BSc (Hons)



Brunel gives you the opportunity to live the London life without the stress of being in central London. My course is really enjoyable and the content is always engaging and interesting. You are always encouraged to challenge ideas and given the freedom to express yourself through the assignments set.

Erin, Sociology (Media) BSc (Hons)





READY project helps tackle period poverty in Zambia

Martina Lastikova #IamBrunel

During the first year of Martina's Sociology degree, she got involved with the PDC's (Placement Development Centre) READY programme. This experience equipped her with all kinds of transferable skills by taking part in a design challenge to make a positive impact on the community in a resettlement area in Mayukwayukwa, Zambia.

Finding that a lack of sanitary products in the area resulted in many girls and women missing out on school and work during their period, her team focused on creating an innovative solution to tackle menstrual absenteeism in this settlement. They worked to introduce the concept of reusable sanitary napkins which would also help women generate sustainable livelihoods.

The following year, Martina rejoined READY as a programme facilitator, sharing with new students the skills and strategies she had learnt, such as situational analysis, problem trees, objective trees and risk assessment analysis. This helped to prepare the students for their final presentation to the panel of external judges and stakeholders.

Since then, Martina has continued to pursue her project, travelling to Zambia in June 2019 for further research and development. This resulted in the final presentation at the United Nations building in Lusaka, Zambia in front of the panel of stakeholders including the United Nations Development Programme and the Department for International Development.

"The highlight of this experience was to be able to work with incredible and resilient women in Mayukwayukwa, Zambia on my project to develop reusable sanitary pads. Their strength and passion for life has pushed me even further to continue my project and campaign for period poverty. I believe that the READY programme can help create real improvements and I have seen how much of an impact it has had on people in Zambia."

THEATRE

 brunel.ac.uk/theatre



Benefit from excellent connections in the theatre industry

Do you have a passion for performance? Have you always been fascinated by theatre productions, plays and musicals?

Our courses are for those looking to work in today's vibrant and diverse cultural and creative industries and educational and community contexts. They will equip you with specialist creative skills in a range of performance genres. They will also ground you academically in history and theory, enabling you to become a well-rounded, adaptable artist and critical thinker. Providing the perfect balance between theory and practice, you'll be taught by industry and academic experts in our purpose-built Antonin Artaud Performance Centre.

- **Theatre BA (Hons)**

You can opt for a wide selection of modules on the main Theatre degree or choose a specialised pathway in Acting, Musical Theatre or Physical Theatre.

You can also select one of our joint honours courses:

- **Theatre and Creative Writing BA (Hons)**
- **Theatre and English BA (Hons)**
- **Film Production and Theatre BA (Hons), see page 73**

Study Theatre at Brunel

At Brunel you'll not only get to explore theoretical concepts and constructs across theatre, performance and live art; you'll also have the opportunity to learn acting, applied drama, devising/theatre making, digital performance, musical theatre, physical theatre and writing for performance.

Our state-of-the-art Antonin Artaud building is a dedicated space for theatre and creative arts students where you'll find a number of facilities to support your learning. From large performance spaces to quality lighting and sound equipment for productions, we've got it covered so you can simply focus on honing your skills.

As well as learning key theories, practices and approaches in theatre and performance, you'll have the chance to boost your development and extend your learning outside of the classroom through a number of academic, student-led and informal opportunities on offer at Brunel.

Careers and your future

At Brunel, you will develop a body of work in both academic writing and creative practice that prepares you for careers in the creative industries, the education sector, community-based practice and postgraduate destinations. You will be able to follow your passion and still develop the skills employers are looking for while having the flexibility to gain the experience you need.

You'll have the opportunity to put your learning into practice, build your employability skills and get a taste of what life is like before stepping out into the world as a graduate.

Past students have undertaken work experience at Les Enfants Terribles on Alice's Adventures in Wonderland, Akram Khan Dance Company and the National Theatre.

Our graduates are working as theatre makers, producers, directors, performers, playwrights, casting directors, event managers, educators and community theatre officers for local councils.



Studying theatre with us means joining a wonderfully rich community of students, artists and academics who will support you as you bring your talents and aspirations to life in the real world.

Meretta Elliott, Head of Department, Theatre

Theatre BA (Hons)

brunel.ac.uk/ba-th



UCAS codes

W440 3 years full-time

W441 4 years full-time with placement

Entry criteria

A-level BBC **BTEC** DDM **IB** 29 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

If you have a passion for theatre and would like to learn how to bring your ideas to life on stage, Brunel's Theatre course will equip you with specialist skills in a range of performance genres while you grow your knowledge of theatre history and theory.

Alongside developing your analytical, critical and study skills, you'll discover ways of expressing yourself and building your confidence. You'll learn in Brunel's purpose-built Antonin Artaud Performance Centre, which is a fantastic multipurpose building fully equipped for your Theatre studies.

Typical modules

(some modules are pathway specific)

Year 1 Applied Drama 1: An Introduction • Ensemble Production • Physical Theatre 1: Between Dance and Theatre

Year 2 Acting 2: Beyond Naturalism • Digital Performance 2 • Theatre Making 2

Year 3 Advanced Musical Theatre 3 • Creative Industries and Labour Practices • Final Production or Written Dissertation

Theatre and Creative Writing BA (Hons)

brunel.ac.uk/ba-thcw



UCAS codes

W4WW 3 years full-time

W481 4 years full-time with placement

Entry criteria

A-level BBC **BTEC** DDM **IB** 29 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Combine your Theatre studies with Creative Writing and you will deepen your skills with a sound grounding in the fundamental techniques of fiction, poetry and theatre making.

On the theatre side of your degree, you'll develop creative skills in a range of practices such as acting, applied practice, devising/theatre making, digital performance, musical theatre, physical theatre and writing for performance.

On the creative writing side of the course, you'll get to explore a number of writing styles including journalism, screenwriting, comedy writing, short stories and the contemporary novel.

Typical modules

Year 1 Applied Drama Practice 1: An Introduction • Ensemble Production • Theatre Making 1

Year 2 Acting 2: Beyond Naturalism • Writing 2: Experiments in Language for Performance • Writing the Self

Year 3 Advanced Musical Theatre 3 • Writing Modern Drama • Writing Poetry for Performance



This is a course where you can explore, a place where you can find who you are and what you can bring to the industry. Each lecturer is passionate about what they teach and welcoming of your thoughts and contributions; they are here to guide and support you. I came to university only thinking about acting, but left with the love of physical theatre, writing and devising my own work, and useful tools for bringing theatre to the community. Be open with this course and I promise you, it will take you to new heights.

Vinesh, Theatre BA (Hons)



Demonstrating a commitment to the third sector community

Dana #IamBrunel

Dana (MCIOF) is a strategist and fundraiser, currently working as a Senior Partner Consultant at The Management Centre, Director at Adapt for Arts and Deputy Director at National Arts Fundraising School. Having started her career in the arts and cultural sector, she has grown her portfolio to include INGOs, NGOs and other organisations across the UK, Europe and Africa including World Animal Protection, Afrobarometer and Southbank Centre. Dana demonstrates a strong commitment to the third sector community, named as one of the Top 100 Charity Sector Influencers and winner of the Best Trustee Award at #SocialCEOS Awards 2019.

Dana has demonstrated a strong commitment and contribution to Brunel since graduation, returning as a guest lecturer on many occasions to students on the BA Theatre programme to share her career learnings, and has informally mentored several individual Brunel students who have pursued careers in the arts, cultural and not-for-profit sectors. She was also named as a finalist for the 2020 Brunel Alumni of the Year Award.

Theatre and English BA (Hons)

brunel.ac.uk/ba-te



UCAS codes

WQ43 3 years full-time

WQ41 4 years full-time with placement

Entry criteria

A-level BBC **BTEC** DDM **IB** 29 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

The Theatre and English BA will help you become a critical and creative communicator equipped for a variety of creative roles as you discover the richness of theatre making and literature side by side.

On the theatre side of your degree, you'll develop specialist skills in a range of performance genres like devising/theatre making and digital, musical and physical theatre.

The english half of your course begins with the 'Reading Resilience' module, which will help prepare you with the necessary skills for literary studies and much more. In years two and three, a wealth of optional modules awaits you covering a variety of periods and genres.

Typical modules

Year 1 Perspectives 1 • Reading Resilience • Theatre Making 1

Year 2 Contemporary British Fiction • Genre Fiction • Post-Colonial Writing

Year 3 Chaucer to Shakespeare • Final Production or Written Dissertation • Perspectives 3: Battling with Ideas



This course has broadened my knowledge of what Theatre is and can be beyond the limits I believed confined it. Each lecturer is very knowledgeable but also has a specialist field which is demonstrated through the separate modules they teach. This gives us, as students, a well-rounded and insightful education from people who love the subject as much as we do.

Samantha, Theatre and Creative Writing BA (Hons)



AEROSPACE ENGINEERING



brunel.ac.uk/aerospace-engineering



**Ranked
3rd in
London***



**Institution of
MECHANICAL
ENGINEERS**

Aerospace Engineering at Brunel is part of one of the UK's leading engineering departments at the College of Engineering, Design and Physical Sciences.

The global aerospace engineering industry needs graduates with the skills to take on leadership and managerial positions early in their careers. We nurture these skills through our problem solving learning philosophy.

You'll be taught by world-renowned academic staff, who are also researchers collaborating with commercial organisations like aircraft manufacturers. As a result, they feed their cutting-edge research back into the course.

Our courses balance fundamental mechanical engineering knowledge with aerospace engineering subjects such as aerodynamics, aircraft propulsion, flight mechanics, aircraft and spacecraft design, and aircraft and spacecraft structures.

- **Aerospace Engineering BEng/MEng (Hons)**
- **Engineering with an Integrated Foundation Year, see page 154**

Study Aerospace Engineering at Brunel

Our Aerospace Engineering degrees are hands-on specialist courses that have been developed to equip you with the knowledge and understanding to meet the real-world needs of the aerospace industry.

During your degree, you'll have access to a range of technical facilities including our aerospace/aviation laboratory, full-motion engineering flight simulator, supersonic and subsonic wind tunnels, materials and structure testing laboratory and 3D printing in the digital fabrication workshop. Moreover, industry standard specialist software for aircraft design is available for you to use 24 hours a day.

You'll have the opportunity to participate in Brunel Engineers, an annual exhibition that showcases our engineering talent at its finest. It's a great way for you to network with leading aerospace engineering experts and show them the innovative, creative and enterprising work you have produced during your time at Brunel.

Careers and your future

An Aerospace Engineering degree from Brunel will equip you with innovative technical knowledge and transferable skills relevant to demanding careers in the aerospace, aeronautical and related industries.

We encourage spending a year in industry during your aerospace engineering degree. This will allow you to further prepare you for the world of work and you'll have a year's worth of invaluable experience when you graduate.

Our students often have job offers before they graduate. They take up employment in fields such as aircraft and components design and manufacture, maintenance and testing, flight simulation, aviation, avionics and patent engineering.

Brunel's high-calibre graduates are working for prestigious organisations, including Rolls-Royce, Airbus, British Airways, BAE Systems, GE Aviation, Thales, Bombardier, Lockheed Martin and the Ministry of Defence.

*Complete University Guide 2021



Our courses equip students with the fundamental principles, science and practical skills necessary for the conception, design, implementation and operation of aeronautical and spacecraft vehicles. Our strong industrial links and excellent delivery of the course provide students with the knowledge and experience required for a successful career in the aerospace industry.

Dr Rui Cardoso, Course Director, Aerospace Engineering

Aerospace Engineering BEng/MEng (Hons)

For BEng: brunel.ac.uk/beng-ae

For MEng: brunel.ac.uk/meng-ae



Aerospace Engineering BEng (Hons)

UCAS codes

H402 3 years full-time

H401 4 years full-time with placement

Entry criteria

A-level ABB **BTEC** D*DD **IB** 31 points

IELTS 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Aerospace Engineering MEng (Hons)

UCAS codes

H400 4 years full-time

H403 5 years full-time with placement

Entry criteria

A-level AAB **BTEC** D*D*D plus A-level Mathematics

IB 33 points **IELTS** 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Typical modules

Year 1 Engineering Mechanics and Materials • Engineering Systems and Energy • Mechanical Engineering Science

Year 2 Aerodynamics and CFD • Engineering Mathematics and Programming • Flight Mechanics and Aircraft Design

Year 3 Aerospace Structures • Aircraft Propulsion • Space Mechanics and Airworthiness • Major Individual Project

Year 4 (MEng) Current Topics in Aerospace and Advanced CAD • Design and Analysis of Aircraft • Design and Analysis of Spacecraft Systems • Major Group Project

Our Aerospace Engineering BEng/MEng degrees are exciting, hands-on specialist courses that have been developed to equip you with the knowledge and understanding to meet the real-world needs of the global aerospace industry.

You will be introduced to fundamental engineering subjects such as mechanics, materials, systems, and maths, and gain skills in programming. You'll learn about aircraft design and specialist subjects such as aerodynamics, aircraft propulsion, aircraft structures and space mechanics.

If you take the MEng route, you'll move on to higher-level topics such as advanced aerodynamics and propulsion systems, and the design of aircraft or spacecraft systems.



Choosing Brunel was heavily influenced by its excellent industrial connections and strong international reputation in the field of aerospace engineering. I have particularly enjoyed developing my knowledge of theoretical engineering principles by participating in various design projects. This will give me a solid foundation on which to start my professional career in engineering.

Tom, Aerospace Engineering MEng (Hons)



Alumna takes leap into world of business

Solveiga Pakštaite #IamBrunel

Being crowned MIT Technology Review's Inventor of the Year has got alumna Solveiga Pakštaite a foot in the door at a few places over the past few years. Her award-winning Mimica Touch food expiry label was designed to provide a more accurate method of determining whether food is still edible, by using gelatine which breaks down at the same rate as the food inside the package. Once the food is no longer safe to eat, the user will be able to feel bumps on the label.

Originally devised as part of her final year project, to help the visually impaired, Solveiga has since found that her design could revolutionise food labelling for all.

Now Solveiga's company, Mimica, has linked up with the UK's largest dairy business, Arla. Her product, has undergone a serious makeover to make a more market-ready version. The new Mimica Touch label is now split, with one side that stays smooth for comparison plus the active side which changes from smooth to bumpy when the food really goes off.

Her definition of success has expanded since she started at Brunel. "I'm happy that I was brave enough to take a chance to create a platform where I can turn an idea into reality – I'd encourage any other brave souls out there with an idea to take the leap too. There is so much ingenuity to be gained by looking at a challenge in a different way."

Furthermore, Solveiga's inspirational design and entrepreneurial success was formally recognised and rewarded by our alumni community through winning the Alumni of the Year Award. The award celebrates outstanding professional achievements, commitment to the alumni community and ongoing contribution to Brunel through volunteering and advocacy.

BRUNEL DESIGN SCHOOL

 brunel.ac.uk/brunel-design-school



Weaving creative thinking with technology

Innovation, excellence and entrepreneurship is at the heart of everything we do. At Brunel Design School, we equip our students with the skills and knowledge to develop innovative ideas in the real world and to thrive in the areas of sustainability, human-centred design, enabling technology, and business and strategy.

Brunel Design School brings together exciting subject-areas of design and digital media. We stand out as unique in the UK by approaching design from weaving design thinking into technology. Our hands-on degrees have a strong practical element with a technical and creative mix, allowing students to generate a stream of new vivid ideas, products and digital creations.

We are the makers of the future leading designers and design thinkers.

- **Design BSc (Hons)***
- **Digital Design BSc (Hons)**
- **Industrial Design BA (Hons)***
- **Product Design Engineering BSc (Hons)***
- **Visual Effects and Motion Graphics BSc (Hons)**

*Masters of Design (MDes) available for these courses subject to approval

Study Design and Digital Media at Brunel

During your Design degree, you'll formulate a comprehensive portfolio showing the development of your ideas from research to final design solutions. To aid this you'll have access to our modern facilities, including dedicated studio spaces, extensive workshops and 3D printing laboratories.

Our Digital Media courses combine creative arts, design, and creative technologies with significant input from industry colleagues. During your studies, you'll have access to state-of-the-art facilities, including an industry standard VFX green screen studio, 4K digital cinema cameras, render farm, immersive 360° 3D dome, and our immersive virtual environment laboratory.

You'll have the opportunity to showcase your projects at various student-led events, including industry review evenings and our annual exhibitions, Made in Brunel and the Brunel Digital degree show. Exhibiting your creative work here is a great way for you to connect with the creative industries and showcase your talent.

Careers and your future

To help you prepare for the world of work, we'll encourage you to take the placement option, incorporating a year spent in industry. This will put you one step ahead in a competitive job market when you graduate.

We strive to connect our students with the industry. Through our extensive industry links, our graduates go on to work in a variety of organisations, from small innovation start-ups to multinational companies such as Canon, Chanel, DNEG, Dyson, Fjord, Hasbro, Industrial Light & Magic, Jaguar Land Rover and Lego. Graduates from the Brunel Design School are highly valued in the industry, working around the world for organisations where excellence in design is crucial to the brand.

Our graduates are empathetic and innovative designers, merging creative thinking with technology, and therefore able to take on a range of development, production, industrial, product and digital design roles once graduating.



Our culture of design innovation underpins our research and education programmes delivered by academics with world-class reputations in research, teaching and professional practice. Our graduates benefit from research-led teaching, ample opportunities to work with industry and professional connections through Made in Brunel and Design Factory London.

Professor Hua Dong, Dean of Brunel Design School



Design BSc (Hons)

brunel.ac.uk/bsc-pd



UCAS codes

H772 3 years full-time

H776 4 years full-time with placement

Entry criteria

A-level ABB **BTEC** D*DD **IB** 31 points

IELTS 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Our Design BSc is focused on developing your creative, digital and technical skills giving you the ability to innovate both the aesthetic, functional and emotional aspects of your design. Applicants generally have a background in product design, as well as maths or physics.

The first two years contain a balanced blend of creative and technical subjects including materials, mechanics and electronics. You'll also develop skills in sustainability and human factors enabling you to identify, analyse and evaluate alternative design solutions from a sustainable development perspective.

Typical modules

Year 1 Design Process • Electronics and Mathematics • Mechanics for Design

Year 2 Design for Manufacture • Dynamics, Mechanisms and Stress Analysis • Electronics, Programming and Interfacing

Year 3 Design and Innovation, Management and Process • Human Factors • Major Project

Modules are under review, please visit our website for a full list of current modules.



Digital Design BSc (Hons)

brunel.ac.uk/bsc-dd



UCAS codes

H6W2 3 years full-time

H6WG 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDD **IB** 30 points

IELTS 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Our Digital Design BSc degree is a hands-on course combining digital technology and creative design, taught using our industry standard facilities. It will equip you with the knowledge and practical skills to create, design and develop interactive and engaging digital products, services and experiences, and graphical content, enhanced by professional practice and ScreenSkills accreditation to give you a commercial edge.

From foundations in creative technologies, graphic, motion and UX design, web development, digital photography, and video production, you'll progress to more complex design and development involving 3D animation and graphics, immersive mixed realities, IoT, motion graphics, digital futures, media aesthetics, and digital experiences.

Typical modules

Year 1 Creativity for Digital Media Design • UX Design and Development for the Web • Video Production and Digital Photography

Year 2 3D Animation • Experimental Digital Futures • Immersive Mixed Reality Design • Mobile and Web Apps for IoT

Year 3 Designing with Creative Technologies (Artificial Intelligence and Games) • Working in the Digital Creative Industries • Major Digital Design Project



Being part of the Made In Brunel student-led initiative has given me the ultimate kick-start to my design career. It promotes collaborations with industry and the graduate design expo allows us to show off what we can do.

Tom, Product Design BSc (Hons)



On my course, I've learnt 3D modelling and animation, programming, and other digital design techniques. This wide range of skills has prepared me for working in the creative industries.

Sebastien, Digital Design BSc (Hons)

Industrial Design BA (Hons)

brunel.ac.uk/ba-idt



UCAS codes

HW72 3 years full-time

HWR2 4 years full-time with placement

Entry criteria

A-level ABB **BTEC** D*DD **IB** 31 points

IELTS 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Our Industrial Design BA attracts creative, practical and visionary thinkers. Students often have a background in art and design or product design and are interested in social issues, visual design and problem solving through drawing, story-telling, CAD development and practical experimentation.

This course contains project-based learning to develop your skills of problem definition, framing and solving, including research, ideation, technology, contextual design and model making. You will work on both academic and industry lead briefs meaning you'll be able to build a great portfolio demonstrating a detailed knowledge of the profession.

Typical modules

Year 1 Creative Engineering Practice • Design Process • Graphic Communication

Year 2 Design Applications • Design for Manufacture • Systems Design

Year 3 Contextual Design • Design and Innovation, Management and Process • Major Project

Modules are under review, please visit our website for a full list of current modules.



Brunel has incredible links with industry with so many opportunities. I went on a placement year and worked on lighting for superyachts and high-end residential homes. The possibilities are endless here.

Bethany, Industrial Design and Technology BA (Hons)



Product Design Engineering BSc (Hons)

brunel.ac.uk/bsc-pde



UCAS codes

WH27 3 years full-time

WHF7 4 years full-time with placement

Entry criteria

A-level ABB **BTEC** D*DD **IB** 31 points

IELTS 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Our Product Design Engineering course is for creative thinkers who are confident with mathematics and engineering principles and enjoy solving complex design problems both creatively and analytically. The course integrates design and engineering, meaning you can develop products that are both visually and functionally sophisticated.

The first two years contain a balanced blend of creative and technical subjects including innovation materials, mechanics and electronics. You will gain a detailed knowledge of computer-aided design, engineering and manufacturing software and apply engineering and design skills to solving problems and innovating.

Typical modules

Year 1 Design Process • Electronics and Mathematics • Mechanics for Design

Year 2 Design for Manufacture • Dynamics, Mechanisms and Stress Analysis • Electronics, Programming and Interfacing

Year 3 Computer-based Design Methods • Design and Innovation, Management and Process • Major Project

Modules are under review, please visit our website for a full list of current modules.



Visual Effects and Motion Graphics BSc (Hons)

brunel.ac.uk/bsc-vm



UCAS codes

HW62 3 years full-time

HW6F 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDD **IB** 30 points

IELTS 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Our Visual Effects and Motion Graphics BSc degree is a hands-on course combining digital technology and creative design, taught using our industry standard facilities. It will equip you with the knowledge and practical skills to produce high-quality visual assets and artefacts for film, TV, the Web, games, and other creative outlets, enhanced by professional practice and ScreenSkills accreditation to give you a commercial edge.

From foundations in 3D CGI, VFX acquisition, graphic and motion design, video production, and digital photography, you'll progress to creating more complex post-production assets and artefacts involving advanced 3D CGI and motion graphics, VFX compositing, 3D animation, immersive mixed realities, and media aesthetics.

Typical modules

Year 1 3D CGI Foundations • Acquisition for VFX • Creativity for Digital Media Design • Video Production and Digital Photography

Year 2 Advanced 3D CGI • Motion Graphics Design • Visual Effects Compositing

Year 3 Advanced 3D Animation • Working in the Digital Creative Industries • Major Visual Effects and Motion Graphics Project





Duo win Red Bull Basement with eco washing machine

Paramveer Bhachu and

Joanna Power #IamBrunel

Two Brunel Design School final year students took top honours at the international Red Bull Basement competition for an eco-washing machine that uses recycled shower water to clean clothes. Paramveer and Joanna, outshone thousands of students globally to win the annual event, which showcases worldwide student innovation.

The winning idea, Lava Aqua X, tackles the sustainability issue of clean water with a washing machine that collects water from the floor of a shower, then filters it and reuses it to clean clothes. It is portable and capable of washing clothes with less water and in a third of the time of a normal washing machine.

The event saw a record 3,800 global student innovators put forward their proposals to initiate positive change. Entries were whittled down to 38 finalists for a four-day Red Bull Basement Global Workshop, an immersive, collaborative experience in which teams could network with various leaders in their field.

It reached its climax with the top 10 teams making their final pitch to a panel of judges, Matthias Haas (founder/CEO of SuperSocial), Manjula Lee (founder/CEO of World Wide Generation) and Ruth Rowan (CMO, NTT) in a virtual reality production studio.

As a result of their win, Paramveer and Joanna will benefit from custom resources and contacts to fully bring their idea to reality.

Paramveer said: "The five weeks with Red Bull Basement allowed us to test our product with engineering simulations and enabled us to apply for trademarks and design rights, future proofing our design and our business. If every student in the UK were to use the Aqua X, we could save enough drinking water for the entire population of Sweden."

CHEMICAL ENGINEERING

 brunel.ac.uk/chemical-engineering



Designed to meet today's industry needs

The rapid rise in the world's population has caused concerns over sustainable development, posing major challenges for the future of our planet and society. Chemical engineers develop unique processes and have the practical tools and problem solving skills to meet these challenges.

Brunel's Chemical Engineering programme is tailored to prepare you for an exciting and rewarding career and provides you with the technical, leadership and entrepreneurial skills employers expect from modern graduates.

Our courses have been developed according to the Institution of Chemical Engineers (IChemE) accreditation guidelines. This requires innovative approaches to meet the 21st-century demands from chemical engineers, and that's what we are committed to delivering at Brunel.

- **Chemical Engineering BEng/MEng (Hons)**
- **Engineering with an Integrated Foundation Year, see page 154**

Study Chemical Engineering at Brunel

Our Chemical Engineering degrees are innovative courses that have been developed to equip you with a broad range of transferable knowledge and skills to meet the needs of the chemical and biochemical industry.

Throughout your studies, you'll have access to our well-equipped, modern laboratory with equipment and rigs for your experimental work. Moreover, the latest industry standard engineering software packages are available for you to use in the purpose-built computer laboratories. Having access to these specialised, state-of-the-art facilities gives you the opportunity to use industry standard tools while you study.

You'll have the opportunity to participate in our Brunel Engineers event, an annual exhibition that showcases our engineering talent at its finest. It's a great way for you to network with key engineering professionals and show them the innovative, creative and enterprising work you have produced during your studies.

Careers and your future

In addition to the high-quality teaching, we will encourage you to take the placement year option. This time in the industry helps you to further prepare for the world of work and you'll have a year's worth of invaluable professional experience when you graduate.

Chemical engineers play a key role in practically every industry. They are widely employed in the energy sector such as power plants and renewables, oil and gas including refineries and petrochemical, a variety of manufacturing industries, biotechnology, water and wastewater treatment plants, pharmaceuticals, consumer goods, and food processing, to name a few.

You could land a role in design, operation, manufacture and production, project management, process safety, health and the environment, consulting, or research and development.



Our degree is an industrially-inspired learning experience which equips graduates with innovative, transferable and hands-on professional skills. We aim to nurture future chemical engineering leaders who will contribute to industrial and societal communities globally.

Professor Sheng Dai, Head of Department, Chemical Engineering

Chemical Engineering BEng/MEng (Hons)

For BEng: brunel.ac.uk/beng-che

For MEng: brunel.ac.uk/meng-che



Chemical Engineering BEng (Hons)

UCAS codes

H501 3 years full-time

H5P1 4 years full-time with placement

Entry criteria

A-level ABB **BTEC** D*DD **IB** 31 points

IELTS 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Chemical Engineering MEng (Hons)

UCAS codes

H500 4 years full-time

H5P0 5 years full-time with placement

Entry criteria

A-level AAB **BTEC** D*D*D plus A-level Mathematics

IB 33 points **IELTS** 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

In your first two years, you will gain solid knowledge and understanding of engineering science and key areas of chemical engineering.

In later years, core topics such as process design, control and safety, and sustainability are complemented by modern subjects such as big data analytics.

Typical modules

Year 1 Chemical Engineering Introduction • Engineering Mechanics and Materials • Engineering Systems and Energy

Year 2 Chemical Reaction Engineering • Engineering Chemistry • Heat and Mass Transfer • Separation Processes

Year 3 Big Data Analytics • Process Design and Safety • Chemical Engineering Design Project

Year 4 (MEng) Emerging Low Carbon Technologies • Innovation Toolbox • Chemical Engineering Research Project

Our Chemical Engineering BEng/MEng degrees are innovative courses that have been developed to equip you with a broad range of knowledge and skills to meet the needs of the chemical and biochemical industry. They have been established according to the Institution of Chemical Engineers (IChemE) accreditation guidelines.



I chose to study Chemical Engineering at Brunel because the course has been developed closely with the Institution of Chemical Engineers, so I knew it would be to a high standard. The highlight so far has been the combined engineering start to the course as it gives you really useful knowledge of the wider engineering world that other universities don't offer.

Jeremy, Chemical Engineering MEng (Hons)

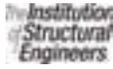


CIVIL ENGINEERING

 brunel.ac.uk/civil-engineering



**Ranked
3rd in
London***



At Brunel, we're producing the next generation of civil engineers, fully equipped for key professional roles in industry and the wider community.

Rising populations, global warming, progressive urbanisation, ongoing economic development and climate change present many threats to infrastructure, but also offer opportunities for sustainable development. Civil engineers will need to draw deeply on their knowledge, skills and creativity to provide sustainable and resilient facilities and solutions.

On our courses, you'll learn both the traditional and cutting-edge aspects of civil engineering and how to plan and create the infrastructure we'll need in the 21st century. A core part of our ethos is sustainability, paralleling the 'cradle-to-cradle' approach promoted by major national and international engineering businesses, and professional engineering institutions.

- **Civil Engineering BEng/MEng (Hons)**
- **Civil Engineering with Sustainability BEng/MEng (Hons)**
- **Engineering with an Integrated Foundation Year, see page 154**

Study Civil Engineering at Brunel

Our programme is a hands-on learning experience. You'll acquire the fundamental theory and then test and apply that theory in the laboratory using advanced software and during fieldwork.

You will gain the experience and skills you need to engineer the next generation of necessary facilities. These include sustainable buildings, roads, bridges, tunnels, flood protection, waste recycling and construction management. Our custom-designed technical facilities include modern material/structure testing, water treatment, soil sampling rig and road repairing system.

You can study the courses full-time or you can select the prestigious placement year option. This will give you experience and academic credit to fast-track you towards Chartered or Incorporated Engineer status with the Engineering Council.

You will also get the opportunity to exhibit your projects at our annual showcase event – Brunel Engineers, as well as in other industry-sponsored competitions.

Careers and your future

Potential careers include contractor and consultant positions on large infrastructure projects such as bridges, high-rise buildings, tunnels, flood and coastal defence schemes, water treatment, transport, highways, and modern methods of construction.

Some of our graduates go on to jobs with multinational and local government agencies or major firms of consulting engineers. Others specialise in construction, sustainability, innovative materials, foundation engineering, tunnelling, geotechnical exploration, or highway engineering. Recent destinations have included Aecom, Arup, Atkins, Balfour Beatty, Careys, Clancy Docwra, Heathrow Airport, Mace and Thames Water.

*Complete University Guide 2020



With Brunel, you will gain an innovative, hands-on and transferable learning experience to meet the engineering challenges facing the world today.

Professor Xiangming Zhou, Head of Department, Civil Engineering

Civil Engineering BEng/MEng (Hons)

For BEng: brunel.ac.uk/beng-ce

For MEng: brunel.ac.uk/meng-ce



Civil Engineering BEng (Hons)

UCAS codes

H204 3 years full-time

H206 4 years full-time with placement

Entry criteria

A-level ABB **BTEC** D*DD **IB** 31 points

IELTS 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Civil Engineering MEng (Hons)

UCAS codes

H205 4 years full-time

H207 5 years full-time with placement

Entry criteria

A-level AAB **BTEC** D*D*D plus A-level Mathematics

IB 33 points **IELTS** 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

This course aims to produce the next generation of civil engineers equipped for leading professional roles in the civil engineering industry and the wider local, national and global community.

We will introduce you to mainstream civil engineering knowledge, ranging from geotechnical site investigation to assessing and designing structures.

We have excellent connections with industry. This means that you'll be taught by professional engineers who are working with major clients, consultancies and contractors and can bring real-world experience to their course teaching.

Typical modules

Year 1 Engineering Mechanics and Materials • Engineering Systems and Energy • Introduction to Contemporary Civil Engineering

Year 2 Construction Materials and Sustainability • Hydraulics • Structural Design and Detailing

Year 3 Design of Structural Systems • Innovative Construction Materials • Structural Analysis and Computational Mechanics • Major Individual Project

Year 4 (MEng) Structural Design and FEA • Structural Dynamics and Seismic Design • Major Group Project



The Professional Development module stands out the most to me where we get to learn about key skills that are required in industry and how to execute them. All my lecturers are very good at what they do and have a passion to make sure we understand what's being taught. I love my course!

Deborah, Civil Engineering BEng (Hons)

Civil Engineering with Sustainability BEng/MEng (Hons)

For BEng: brunel.ac.uk/beng-ces

For MEng: brunel.ac.uk/meng-ces



Civil Engineering with Sustainability BEng (Hons)

UCAS codes

H200 3 years full-time

H201 4 years full-time with placement

Entry criteria

A-level ABB **BTEC** D*DD **IB** 31 points

IELTS 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Civil Engineering with Sustainability MEng (Hons)

UCAS codes

H202 4 years full-time

H203 5 years full-time with placement

Entry criteria

A-level AAB **BTEC** D*D*D plus A-level Mathematics

IB 33 points **IELTS** 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

This course provides a mainstream education in civil engineering with a focus on sustainable infrastructure design and development.

You'll develop essential technical knowledge incorporating surveying and site investigation, and designing infrastructure including sustainability assessments into the life cycle of the project.

We have excellent connections with industry. This means that you'll be taught by professional engineers who are working with major clients, consultancies and contractors and can bring real-world experience to their course teaching.

Typical modules

Year 1 Engineering Mechanics and Materials • Engineering Systems and Energy • Introduction to Contemporary Civil Engineering

Year 2 Construction Materials and Sustainability • Hydraulics • Structural Design and Detailing

Year 3 Civil Engineering Design • Sustainable Transport Infrastructure Engineering • Water and Wastewater Engineering • Major Individual Project

Year 4 (MEng) Infrastructure Management • Water Process Engineering • Major Group Project



As an ICE Quest scholar, I have a sponsor company who offer great support, including a site placement every summer. This benefits both my academic studies and career.

Isabel, Civil Engineering with Sustainability MEng (Hons)

COMPUTER SCIENCE

 brunel.ac.uk/computer-science



Showcase projects at Made in Brunel Software Innovation



Technology is rapidly evolving and affects our daily lives as we are constantly connected and can access information on demand.

With new solutions to real-world and business-related problems being released regularly, studying a computing degree could put you at the forefront of developing the next big thing.

Our courses are tailored to cover the current trends of the ever-advancing industry, such as big data, cybersecurity and artificial intelligence. Consequently, there is a strong demand for our graduates equipped with invaluable technical skills to enter the fast-paced computing world.

- **Computer Science BSc (Hons)**
- **Computer Science (Artificial Intelligence) BSc (Hons)**
- **Computer Science (Digital Media and Games) BSc (Hons)**
- **Computer Science (Network Computing) BSc (Hons)**
- **Computer Science (Software Engineering) BSc (Hons)**
- **Business Computing BSc (Hons)**
- **Business Computing (eBusiness) BSc (Hons)**
- **Business Computing (Human-Computer Interaction) BSc (Hons)**
- **Business Computing (Social Media) BSc (Hons)**
- **Mathematics and Computing with an Integrated Foundation Year, see page 149**

Study Computer Science at Brunel

Brunel's Computer Science department has invested in brand new, dedicated computer labs for its students. It's here you'll be taught using the most current specialist software and hardware, and will have the opportunity to gain experience in working with our drones.

We are members of two globally recognising initiatives – the Microsoft Alliance and the Apple iOS Academic Developer Programme. The knowledge pioneered by these leading organisations will feed into your learning and prepare you for your future through hands-on experience in using industry-recognised modern business applications.

You'll have the opportunity to showcase your projects at our annual Made in Brunel Software Innovation event. This event will give you a platform to demonstrate your expertise to industry professionals, with awards presented by the likes of Cisco, Sky and Xerox.

Careers and your future

All our undergraduate computing courses come with the option of undertaking a year's placement in the industry. This prepares you for the world of work and provides a year of invaluable experience when you graduate.

Our computing courses have evolved to meet the needs of the industry worldwide, and they focus on current trends like big data and artificial intelligence to ensure you get the most relevant and up-to-date education.

Alongside a focus on industry trends, you will also benefit from gaining a comprehensive understanding of IT systems, networking and project management, to give you a head-start in your career and to prepare you for the workplace. Our recent graduates have gone on to work for well-known names such as Accenture, Toshiba, Microsoft, British Airways, O2, and Barclays.



At Brunel, we pride ourselves on our strong links with industry. These connections inform our teaching. We will encourage you to undertake a work placement, where you'll spend up to 12 months in a role relevant to your studies.

Professor Steve Counsell, Reader, Department of Computer Science

Computer Science BSc (Hons)

brunel.ac.uk/bsc-cs



UCAS codes

G402 3 years full-time

G407 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDD **IB** 30 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

On Brunel's Computer Science BSc degree, we'll help you gain the ability to develop software solutions to business problems. You'll learn how to specify, design, code, modify and test different types of software, from web-based systems to mobile solutions.

In addition, you'll acquire in-depth knowledge of algorithms, design, programming and testing techniques. By the end of the course, you'll have confidence in your knowledge of common system and network architectures and system development approaches, requirements capture, design methods, models, tools, and techniques.

Typical modules

Year 1 Data and Information Assessment • Fundamental Programming Assessment • Software Implementation Event

Year 2 Algorithms and their Applications • Group Project • Networks and Operating Systems

Year 3 Advanced Topics in Computer Science • Computer Science Project



My course has covered so many different areas of computer science which really helped me when I went on placement. Using my knowledge in a practical way has given me a better understanding which makes me stand out when applying for graduate roles.

Noor, Computer Science BSc (Hons)

Computer Science (Artificial Intelligence) BSc (Hons)

brunel.ac.uk/bsc-csa



UCAS codes

G701 3 years full-time

G700 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDD **IB** 30 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Handling large amounts of data efficiently and quickly is becoming an increasingly important aspect of computing. Businesses need to understand trends in data which will allow them to make informed and timely decisions. Artificial intelligence (AI) and the techniques it embraces provide opportunities for this to happen and to make sense of big data.

Brunel's Computer Science course, specialising in artificial intelligence, will expose you to the foundations, theory and practical aspects of computer science and AI. You'll gain a good understanding of computer science and a grasp of the important elements of a computer system. Then you will specialise in AI and develop a range of techniques which can be applied in software to solve complex problems.

Typical modules

Year 1 Data and Information Assessment • Fundamental Programming Assessment • Software Implementation Event

Year 2 Algorithms and their Applications • Group Project • Networks and Operating Systems

Year 3 Advanced Topics in Computer Science • Artificial Intelligence • Computer Science Project



Computer Science (Digital Media and Games) BSc (Hons)

brunel.ac.uk/bsc-csd



UCAS codes

G450 3 years full-time

G451 3 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDD **IB** 30 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Digital media and gaming applications are at the cutting edge of user experience technology. This Computer Science course, specialising in digital media and games, provides you with the knowledge and skills to design creatively and commercially.

You'll gain a solid grounding in computer science and the integral elements of a computer system. Then you will focus on digital media and gaming. This specialist degree will help you understand the nature, diversity and limitations of software artefacts (programs) targeted at the entertainment market and apply your skills to implement and develop your own.

Typical modules

Year 1 Data and Information Assessment • Fundamental Programming Assessment • Software Implementation Event

Year 2 Algorithms and their Applications • Group Project • Networks and Operating Systems

Year 3 Advanced Topics in Computer Science • Digital Media and Games • Computer Science Project

Computer Science (Network Computing) BSc (Hons)

brunel.ac.uk/bsc-csn



UCAS codes

G424 3 years full-time

G423 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDD **IB** 30 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

On this course in computer science, specialising in network computing, you will gain a good understanding of computer science and a grasp of the important elements of a computer system. You'll also learn how to build different types of software from web-based systems to mobile solutions.

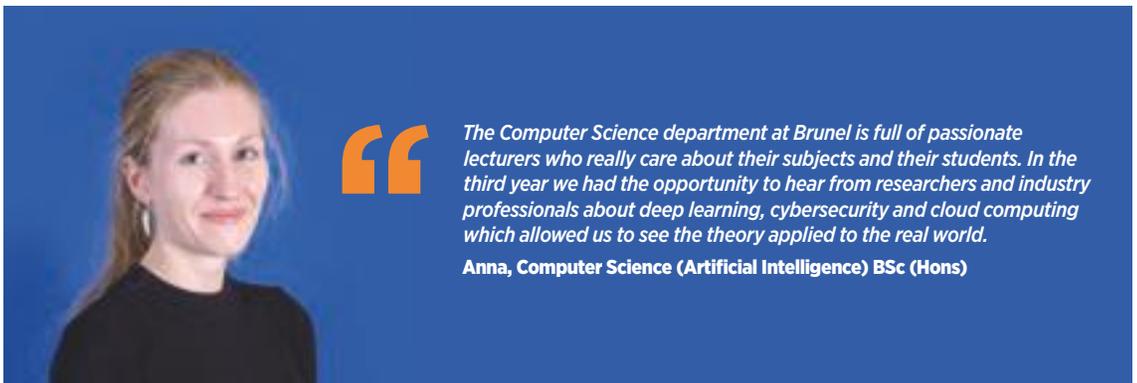
Then you will specialise in network computing and gain in-depth knowledge of the challenges and ways distributed information systems work and use your skills to implement and develop them.

Typical modules

Year 1 Data and Information Assessment • Fundamental Programming Assessment • Software Implementation Event

Year 2 Algorithms and their Applications • Group Project • Networks and Operating Systems

Year 3 Advanced Topics in Computer Science • Network Computing • Computer Science Project



The Computer Science department at Brunel is full of passionate lecturers who really care about their subjects and their students. In the third year we had the opportunity to hear from researchers and industry professionals about deep learning, cybersecurity and cloud computing which allowed us to see the theory applied to the real world.

Anna, Computer Science (Artificial Intelligence) BSc (Hons)

Computer Science (Software Engineering) BSc (Hons)

brunel.ac.uk/bsc-css



UCAS codes

G601 3 years full-time

G602 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDD **IB** 30 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

This course will provide you with a good understanding of computer science and the important elements of a computer system. You will learn how to build different types of software – from web-based systems to mobile solutions.

By specialising in software engineering, you'll then focus on how to build high-quality systems which will be easier to maintain and develop as the requirements of the system change and available technologies evolve. The techniques involved include testing, service-oriented architectures, and refactoring. You will gain in-depth knowledge of the management, organisation and execution of large-scale software design and development activities including reuse and integration.

Typical modules

Year 1 Data and Information Assessment • Fundamental Programming Assessment • Software Implementation Event

Year 2 Algorithms and their Applications • Group Project • Networks and Operating Systems

Year 3 Advanced Topics in Computer Science • Software Engineering • Computer Science Project





Business Computing BSc (Hons)

brunel.ac.uk/bsc-bc



UCAS codes

NG14 3 years full-time

NGC4 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDD **IB** 30 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

This course will give you a comprehensive introduction to computing within an organisation. You'll feel fully equipped and able to assess and solve computing issues that face businesses today.

Through a mixture of theory and real world practice, you'll learn how to determine a dynamic mix of processes, which allow information delivery systems and users to carry out business effectively and efficiently. You'll come to intuitively understand how an organisation's information systems need to adapt to the changes and developments natural to growth and progress.

Typical modules

Year 1 Data and Information Assessment • Fundamental Programming Assessment • Software Implementation Event

Year 2 Business Analysis and Process Modelling • Group Project • ICTs in Society

Year 3 Advanced Topics in Business Computing • Business Computing Project

Business Computing (eBusiness) BSc (Hons)

brunel.ac.uk/bsc-bce



UCAS codes

NI11 3 years full-time

NIC1 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDD **IB** 30 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

On this Business Computing BSc degree course, you get to specialise in eBusiness, learning about how software and IT systems can support business transactions and drive sales.

Through a mixture of theory and real world practice, you'll learn how to determine a dynamic mix of processes, which allow information delivery systems and users to carry out business effectively and efficiently. You'll come to intuitively understand how an organisation's information systems need to adapt to the changes and developments natural to growth and progress.

Typical modules

Year 1 Data and Information Assessment • Fundamental Programming Assessment • Software Implementation Event

Year 2 Business Analysis and Process Modelling • Group Project • ICTs in Society

Year 3 Advanced Topics in Business Computing • eBusiness • Business Computing Project



Business Computing (Human-Computer Interaction) BSc (Hons)

brunel.ac.uk/bsc-bch



UCAS codes

NGD4 3 years full-time

G445 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDD **IB** 30 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

By specialising in Human-Computer Interaction (HCI), you will learn how to understand the user experience (UX), and to use the insights you gain to help build systems that better meet the user's needs.

Through a mixture of theory and real world practice, you'll learn how to assess organisational problems and apply solutions. We'll teach you how to determine a dynamic mix of processes, which allow information delivery systems and users to carry out business effectively and efficiently. You'll come to intuitively understand how an organisation's information systems need to adapt to the changes and developments natural to growth and progress.

Typical modules

Year 1 Data and Information Assessment • Fundamental Programming Assessment • Software Implementation Event

Year 2 Business Analysis and Process Modelling • Group Project • ICTs in Society

Year 3 Advanced Topics in Business Computing • Human-Computer Interaction • Business Computing Project

Business Computing (Social Media) BSc (Hons)

brunel.ac.uk/bsc-bcs



UCAS codes

NGDK 3 years full-time

NGCL 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDD **IB** 30 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

By specialising in Social Media, you'll look at the ways that social media has transformed how we connect and how we do business in the 21st century. You'll study how the internet has rapidly evolved to accommodate services and technologies which can be used by companies as commercial tools. In your final year, we'll take a closer look at applications integral to supporting business such as Skype, Facebook and Twitter.

Through a mixture of theory and real world practice, we'll teach you how to determine a dynamic mix of processes, which allow information delivery systems and users to carry out business effectively and efficiently.

Typical modules

Year 1 Data and Information Assessment • Fundamental Programming Assessment • Software Implementation Event

Year 2 Business Analysis and Process Modelling • Group Project • ICTs in Society

Year 3 Advanced Topics in Business Computing • Social Media • Business Computing Project



ELECTRONIC AND ELECTRICAL ENGINEERING



brunel.ac.uk/electronic-and-electrical-engineering



**Develop
drones,
rockets and
autonomous
vehicles**



Our Electronic and Electrical Engineering programmes provide students with a wide range of fundamental and transferable skills. Our courses are industry-led and focus on important themes relevant to electric vehicle technology, smart grids, embedded real-time systems and the ‘Internet of Things’.

Electronic equipment and products are a vital part of our daily lives, from mobile phones and computers, to highly sophisticated diagnostic equipment used in hospitals and state-of-the-art fibre optic communications systems.

Computers, telecommunication systems and consumer electronics are advancing at a fast pace. Electronic and microelectronic embedded systems are at the core of these developments and there is a rapidly growing demand for well qualified scientists and engineers.

- **Computer Systems Engineering BEng (Hons)**
- **Electronic and Electrical Engineering BEng/MEng (Hons)**
- **Electronic and Electrical Engineering (Artificial Intelligence) BEng (Hons)**
- **Electronic and Electrical Engineering (Communication Systems) BEng (Hons)**
- **Electronic and Electrical Engineering (Computer Systems) BEng (Hons)**
- **Electronic and Electrical Engineering (Energy Systems) BEng (Hons)**
- **Engineering with an Integrated Foundation Year, see page 154**

Study Electronic and Electrical Engineering at Brunel

Our courses will give you the analytical and innovative skills to play a key role in the rapidly expanding technological industries. We have excellent laboratory facilities in analogue and digital electronics, computer systems and networks, digital signal processing, communications, sensors, power systems and control. You'll also have access to the most current industry standard software available, as used in electronics and electrical engineering.

Careers and your future

Industrial placements are integral to our undergraduate courses. A placement allows you to bring your studies to life, giving you excellent professional experience and contacts. Our geographical proximity to the highest concentration of the UK's electronics engineering and telecommunications industry – in London and along the M4 corridor – means our placement network is second to none.

Supported by our on-campus Professional Development Centre we have placed our students at high-profile companies including Arm, BMW, IBM, Intel, Mercedes, Microsoft, Motorola, National Grid, Siemens, 3M and UK Power Networks. Our graduates have gone on to work for prestigious organisations including the BBC, Fujitsu, Intel, National Grid, Philips, Siemens, 3M and UK Power Networks.



Electronic and Electrical Engineering at Brunel has a long tradition of providing state-of-the-art programmes that develop highly employable graduates. Our programmes engage students in theoretical learning, while encouraging them to develop their own engineering concepts and skills through peer interaction and industry-inspired project work.

Professor Gareth Taylor, Head of Department, Electronic and Electrical Engineering



Computer Systems Engineering BEng (Hons)

brunel.ac.uk/beng-cse



UCAS codes

GH56 3 years full-time

GH5P 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** D*DD **IB** 30 points

IELTS 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Our Computer Systems Engineering BEng degree is a unique course that has been developed to equip you with cutting-edge knowledge and skills needed to design and build both hardware and software for smart and embedded systems.

You will be introduced to computing and engineering, gaining deep knowledge on both computer hardware (electronics) and software (programming). You'll learn about coding and computer architecture and then progress to embedded systems. In your final year, you can choose specialist subjects such as artificial intelligence (AI), autonomous systems, and the internet of things.

Typical modules

Year 1 Data and Information • Internet and Network Technologies • Introductory Programming for Engineers

Year 2 Computer Architecture and Interfacing • Data Networks, Services and Security • Object Oriented Systems and Programming • Sensors and Automation

Year 3 Artificial Intelligence Systems • Autonomous Systems • Design of Internet of Things



I wanted a course that allows me to learn about software and hardware simultaneously, while really getting hands-on with all of it.

Jason, Computer Systems Engineering MEng (Hons)

Electronic and Electrical Engineering BEng/MEng (Hons)

For BEng: brunel.ac.uk/beng-eee

For MEng: brunel.ac.uk/meng-eee



Electronic and Electrical Engineering BEng (Hons)

UCAS codes

H600 3 years full-time

H602 4 years full-time with placement

Entry criteria

A-level ABB **BTEC** D*DD **IB** 31 points

IELTS 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Electronic and Electrical Engineering MEng (Hons)

UCAS codes

H601 4 years full-time

H603 5 years full-time with placement

Entry criteria

A-level AAB **BTEC** D*D*D plus A-level Mathematics

IB 33 points **IELTS** 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Typical modules

Year 1 Electronic Devices and Systems • Engineering Mechanics and Materials • Engineering Systems and Energy

Year 2 Communication Systems • Electrical Engineering and Sustainability • Electronic Systems • Signals and Systems

Year 3 Advanced Electronics (BEng) • Individual Project (BEng) • Advanced Devices and Electronic Systems Design (MEng) • Individual Project and Project Management (MEng)

Year 4 (MEng) Advanced Analogue Electronics and Photonics • Engineering Ethics and Sustainability • Innovation, Business and Enterprise for Engineers • Major Group Project

Our Electronic and Electrical Engineering BEng/MEng degrees are modern courses that have been developed to equip you with the knowledge and skills needed to design electronic and electrical systems for the next generation.

You will be introduced to engineering science and electronic devices and systems, gaining deep knowledge of electronics and electrical systems. You'll learn about electrical engineering and sustainability, and then progress to advanced electronics. In your final year, you can choose specialist subjects such as artificial intelligence (AI), embedded systems, and robotics, control and power systems.



I decided to come to Brunel as it's regarded highly in the engineering community and my course is accredited by the Institution of Engineering and Technology (IET). Electronic and electrical engineers are always in demand and there are amazing global work opportunities.

Zuriel, Electronic and Electrical Engineering BEng (Hons)

Electronic and Electrical Engineering (Artificial Intelligence) BEng (Hons)

brunel.ac.uk/beng-eeea1



UCAS codes

H620 3 years full-time

H624 4 years full-time with placement

Entry criteria

A-level ABB **BTEC** D*DD **IB** 31 points

IELTS 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Our Electronic and Electrical Engineering (Artificial Intelligence) BEng degree is a modern course that has been developed to equip you with comprehensive knowledge and skills in electronic and electrical based artificial intelligence (AI) systems.

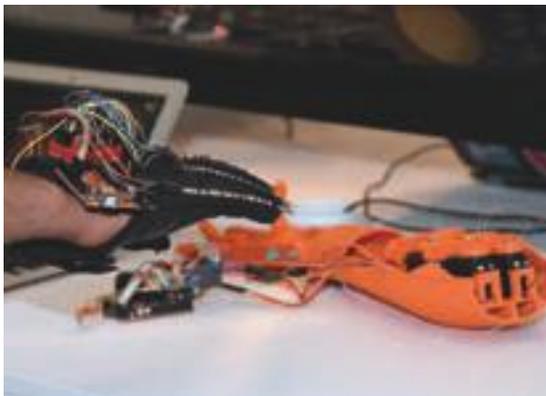
You will be introduced to engineering science and electronic devices and systems, gaining deep knowledge of electronics and electrical systems. You'll learn about electrical engineering and sustainability, and in your final year progress to advanced electronics and artificial intelligence. You can also choose specialist subjects such as digital communication systems, embedded systems, and robotics and control systems.

Typical modules

Year 1 Electronic Devices and Systems • Engineering Mechanics and Materials • Engineering Systems and Energy

Year 2 Communication Systems • Electrical Engineering and Sustainability • Electronic Systems • Signals and Systems

Year 3 Advanced Electronics • Artificial Intelligence Systems • Individual Project



Electronic and Electrical Engineering (Communication Systems) BEng (Hons)

brunel.ac.uk/beng-eeecosy



UCAS codes

H660 3 years full-time

H662 4 years full-time with placement

Entry criteria

A-level ABB **BTEC** D*DD **IB** 31 points

IELTS 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Our Electronic and Electrical Engineering (Communication Systems) BEng degree is a modern course that has been developed to equip you with in-depth knowledge and skills in electronics and communication systems.

You will be introduced to engineering science and electronic devices and systems, gaining deep knowledge of electronics and communication systems. You'll learn about electrical engineering and sustainability, and in your final year progress to advanced electronics and digital communication systems. You can also choose specialist subjects such as artificial intelligent systems, embedded systems, and robotics and control systems.

Typical modules

Year 1 Electronic Devices and Systems • Engineering Mechanics and Materials • Engineering Systems and Energy

Year 2 Communication Systems • Electrical Engineering and Sustainability • Electronic Systems • Signals and Systems

Year 3 Advanced Electronics • Digital Communication Systems • Individual Project



Electronic and Electrical Engineering (Computer Systems) BEng (Hons)

brunel.ac.uk/beng-eeecpsy



UCAS codes

H630 3 years full-time

H631 4 years full-time with placement

Entry criteria

A-level ABB **BTEC** D*DD **IB** 31 points

IELTS 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Our Electronic and Electrical Engineering (Computer Systems) BEng degree is a modern course that has been developed to equip you with in-depth knowledge and skills in the design and implementation of computer systems.

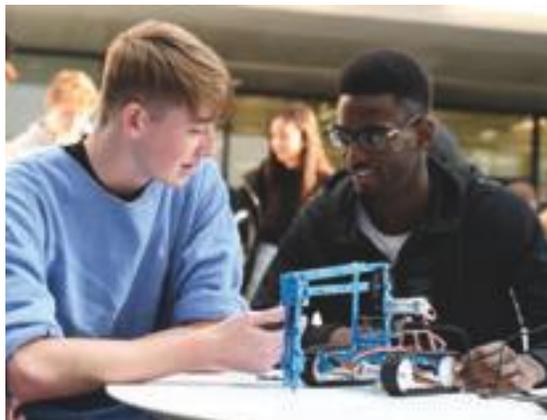
You will be introduced to engineering science and electronic devices and systems, gaining deep knowledge of electronics and computer systems. You'll learn about electrical engineering and sustainability, and in your final year progress to advanced electronics and embedded systems. You can also choose specialist subjects such as artificial intelligent systems, digital communication systems, and multimedia digital signal processing.

Typical modules

Year 1 Electronic Devices and Systems • Engineering Mechanics and Materials • Engineering Systems and Energy

Year 2 Communication Systems • Electrical Engineering and Sustainability • Electronic Systems • Signals and Systems

Year 3 Advanced Electronics • Embedded Systems • Individual Project



Electronic and Electrical Engineering (Energy Systems) BEng (Hons)

brunel.ac.uk/beng-eeeensy



UCAS codes

H650 3 years full-time

H652 4 years full-time with placement

Entry criteria

A-level ABB **BTEC** D*DD **IB** 31 points

IELTS 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Our Electronic and Electrical Engineering (Energy Systems) BEng degree is a modern course that has been developed to equip you with comprehensive knowledge and skills in electronic and electrical energy systems.

You will be introduced to engineering science and electronic devices and systems, gaining deep knowledge of electronics and electrical systems. You'll learn about electrical engineering and sustainability, and in your final year progress to advanced electronics and sustainable electrical energy systems. You can also choose specialist subjects such as artificial intelligent systems, digital communication systems, and embedded systems.

Typical modules

Year 1 Electronic Devices and Systems • Engineering Mechanics and Materials • Engineering Systems and Energy

Year 2 Communication Systems • Electrical Engineering and Sustainability • Electronic Systems • Signals and Systems

Year 3 Advanced Electronics • Sustainable Electrical Energy Systems • Individual Project



MATHEMATICS

 brunel.ac.uk/mathematics



**Ranked top 10
in the UK for
International
outlook***

By studying Mathematics at Brunel, you will develop a combination of problem solving, analytical, computational and transferable skills that will equip you for a variety of careers. You have the option to select a specialist pathway by selecting modules in business, computing or finance depending on where your interest lies.

Mathematics is a fundamental subject that is constantly developing, it supplies the theory behind countless commercial, industrial and technological activities. Mathematical models underpin engineering, the applied sciences, computing and many aspects of management. On our courses, you'll develop in-depth knowledge and understanding as well as excellent study skills that will be hugely valuable whatever career path you follow after graduation.

- **Mathematics BSc/MMath (Hons)**
- **Financial Mathematics BSc/MMath (Hons)**
- **Mathematics for Data Science BSc (Hons)**
- **Mathematics and Statistics with Management BSc (Hons)**
- **Mathematics with Computer Science BSc (Hons)**
- **Mathematics and Computing with an Integrated Foundation Year**
- **Economics and Mathematics with an Integrated Foundation Year, see page 61**

Study Mathematics at Brunel

Studying Mathematics at Brunel means you'll be working with staff who are internationally recognised for their subject knowledge. They are involved in research programmes that are informed by modern problems in science, technology and business and often work in collaboration with companies.

We'll teach you in smaller groups for the first few weeks to ease you into the course and help you adapt to the demands of university study. Extra support is always available through mathematics and numeracy workshops throughout the year where you can seek support in linear algebra, complex calculus, LaTeX, MATLAB and more. Our academic staff also run a Maths Café for you to bring along any mathematical-related questions and receive one-to-one support in an informal setting.

Careers and your future

Our dedicated placement team has strong connections with industry and students have completed their placements at UK companies such as Accenture, Bosch, Disney, GSK, Microsoft, the NHS, Unilever and Xerox.

To help you get ready for work, we run popular employability skills workshops for all students. The three-day conference will help you to prepare for a placement or employment and covers many aspects of employability, from writing a winning CV and cover letter to lots of interview practice.

Our graduates have gone on to careers with Accenture, Bank of New York, the BBC, Coca-Cola, Deutsche Bank, Deloitte and Touche, Ernst and Young, Merrill Lynch, NetApp and many more.

*Times Higher Education World University Rankings 2020



Our degrees have a strong focus on building employability skills. We want our students to thrive, not just while they are with us but also after they graduate.

Professor Stephen Langdon, Head of Department, Mathematics

Mathematics BSc/MMath (Hons)

For BSc: brunel.ac.uk/bsc-ma

For MMath: brunel.ac.uk/mmath-ma



Mathematics BSc (Hons)

UCAS codes

G103 3 years full-time

G104 4 years full-time with placement

Entry criteria

A-level ABC **BTEC** DDD plus A-level Mathematics

IB 30 points **IELTS** 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Mathematics MMath (Hons)

UCAS codes

G100 4 years full-time

G101 5 years full-time with placement

Entry criteria

A-level ABB **BTEC** D*DD plus A-level Mathematics

IB 31 points **IELTS** 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Typical modules

Year 1 Calculus • Elements of Applied Mathematics • Linear Algebra • Programming and Mathematical Projects

Year 2 Algebra and Analysis • Mathematics of Deep Learning • Probability and Statistics • Professional Development and Project Work

Year 3 Complex Variable Methods and Applications • Encryption and Data Compression • Mathematics Project

Year 4 (MMath) Dynamical Systems and ODEs • Research Methods and Case Studies • Advanced Project



Our Mathematics BSc/MMath degrees will develop your knowledge, understanding and expertise in a range of mathematical methods, giving you a broad understanding of mathematics at an advanced level. You'll study many aspects of pure and applied mathematics alongside general concepts of mathematical modelling.

The MMath course offers you the chance to graduate with a master's degree that follows on from your undergraduate studies. You'll be able to study in-depth those areas of mathematics that most appeal to you.



Mathematics at Brunel has been so eye-opening. The best thing about mathematics is solving the problem. When you find the correct answer, you feel like you can do anything!

Shale, Mathematics BSc (Hons)



Financial Mathematics BSc/MMath (Hons)

For BSc: brunel.ac.uk/bsc-fm

For MMath: brunel.ac.uk/mmath-fm



Financial Mathematics BSc (Hons)

UCAS codes

GN13 3 years full-time

GND3 4 years full-time with placement

Entry criteria

A-level ABC **BTEC** DDD plus A-level Mathematics

IB 30 points **IELTS** 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Financial Mathematics MMath (Hons)

UCAS codes

GN1H 4 years full-time

GN1J 5 years full-time with placement

Entry criteria

A-level ABB **BTEC** D*DD plus A-level Mathematics

IB 31 points **IELTS** 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

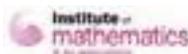
Typical modules

Year 1 Calculus • Elements of Applied Mathematics
• Linear Algebra • Programming and Mathematical Projects

Year 2 Elements of Investment Mathematics
• Mathematics of Deep Learning • Probability and Statistics • Professional Development and Project Work

Year 3 Financial Mathematics Project • Mathematical Finance • Risk and Optimisation for Financial Planning

Year 4 (MMath) Option Pricing Theory • Probability and Stochastics • Research Methods and Case Studies • Advanced Project



Brunel's Financial Mathematics BSc/MMath degrees are for mathematicians who want to work in the fast-moving worlds of finance or commerce. Two-thirds of the course content focuses on developing your mathematical knowledge and skills. The rest of the course covers financial markets, corporate investment and finance.

The MMath course offers you the chance to graduate with a master's degree that follows on from your undergraduate studies. You'll be able to study in-depth those areas of mathematics that most appeal to you.



From my first visit, I knew that I wanted to study Mathematics at Brunel. It's really welcoming here and all of the lecturers are very helpful and supportive. The best thing about my course is the variety of topics that you get to cover and being able to see the real world applications that come from them.

Molly, Financial Mathematics MMath (Hons)



Mathematics and Statistics with Management BSc (Hons)

brunel.ac.uk/bsc-msm



UCAS codes

G1NG 3 years full-time

G1NF 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDD plus A-level Mathematics

IB 30 points **IELTS** 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Using mathematics to solve industrial and commercial problems has led to vital breakthroughs for human advancement. Mathematical models underpin engineering, the applied sciences, computing and many aspects of business and management today.

The Mathematics and Statistics with Management BSc degree focuses on how mathematics can solve industrial and commercial problems. You'll develop a broad knowledge of general management alongside applicable skills and knowledge in mathematics and statistics.

Typical modules

Year 1 Calculus • Organisational Behaviour and Analysis • Probability and Statistics

Year 2 Critical Perspective in Management • Discrete Mathematics and Operational Research • Probability and Statistics

Year 3 Innovation and Knowledge Management • Statistics • Final Year Project OR Issues and Controversies in Management Project

Mathematics for Data Science BSc (Hons)

brunel.ac.uk/bsc-mds



UCAS codes

G1ND 3 years full-time

G1NK 4 years full-time with placement

Entry criteria

A-level ABC **BTEC** DDD plus A-level Mathematics

IB 30 points **IELTS** 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Data analytics (Big Data) is a major phenomenon in the 21st century, there is an increasing demand for data analysts trained in this area who can collate, interpret and draw value from complex data sets.

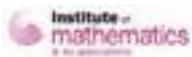
Brunel's Mathematics for Data Science BSc degree brings together a range of techniques for the modern data analyst. You will study mathematics, statistics, data analysis and computing, and tackle a variety of interesting and engaging problems from business and industry.

Typical modules

Year 1 Elements of Applied Mathematics • Probability and Statistics • Programming and Mathematical Projects

Year 2 Mathematics of Deep Learning • Probability and Statistics • Statistical Programming for Data Analytics

Year 3 Experimental Design and Regression • Statistical Data Science and Machine Learning • Data Science Project



Mathematics with Computer Science BSc (Hons)

brunel.ac.uk/bsc-mcs



UCAS codes

G1GL 3 years full-time

G1GK 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDD plus A-level Mathematics

IB 30 points **IELTS** 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Our Mathematics with Computer Science BSc degree is for mathematicians who also want to become skilled in modern-day computing and information systems.

Mathematical and computational techniques underpin much of modern science, technology and business. This course emphasises the aspects of modern algebra that relate to computer science, and includes much numerical analysis of mathematical problems. Around two-thirds of the course content concentrates on mathematics, with the rest focused on computer science.

Typical modules

Year 1 Calculus • Fundamental Programming Assessment • Linear Algebra

Year 2 Algorithms and their Applications • Discrete Mathematics and Operational Research • Software Development and Management

Year 3 Artificial Intelligence • Encryption and Data Compression • Final Year Project

Mathematics and Computing with an Integrated Foundation Year

brunel.ac.uk/fdsc-mc

UCAS codes

G503 4 years full-time

G504 5 years full-time with placement

Entry criteria

A-level CDD **BTEC** DMM **IB** 25 points

IELTS 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

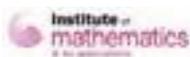
A key aim of the Mathematics and Computing with an Integrated Foundation Year is to help you to discover where your interests lie. You might opt for computer science and work with ever more sophisticated computer technology and information systems. Or you may find yourself drawn to mathematics where you will learn to model and solve problems for the worlds of business, finance and science.

This full-time course will build on your existing qualifications and introduce you to the exciting and fast-moving disciplines of computing and mathematics.

Typical modules

Year 0 Mathematics students Algebra • Calculus • Statistics • Study Skills

Year 0 Computer Science and Business Computing students Discrete and Decision Mathematics • Introduction to Artificial Intelligence • Introduction to Computing • Programming • Study Skills



My course is broad-based and covers all the important areas of mathematics and computer science. It is challenging and rewarding. I've strengthened both my analytical and strategic thinking skills necessary for my future career.

Nagihan, Mathematics with Computer Science BSc (Hons)

MECHANICAL AND AUTOMOTIVE ENGINEERING



brunel.ac.uk/mechanical-engineering



Develop Formula Student combustion and electric racing cars

Mechanical Engineering is the most established subject area at Brunel. It provides a broad-based education in mechanical engineering and design.

You'll be taught by leading academic staff, who are also researchers collaborating with universities and companies around the world. As a result, we feed our cutting-edge research back into our courses.

Our annual Brunel Engineers event offers you the opportunity to demonstrate your final year work to fellow students and industry representatives. This exciting celebration brings together the creative minds of our students to showcase projects ranging from nano and micro engineering to larger scale locomotive and UAV projects.

Our dynamic Brunel Racing student team compete in the Formula Student petrol and electric competitions every year and enter the Isle of Man TT Zero electric motorcycle race.

- **Mechanical Engineering BEng/MEng (Hons)**
- **Automotive Engineering BEng/MEng (Hons)**
- **Engineering with an Integrated Foundation Year**

Study Mechanical and Automotive Engineering at Brunel

Mechanical engineers deal with the design and production of the machines, systems and structures that are everywhere in the modern world. Our courses meet the needs of industry and reflect our world-class research interests, such as in energy and environmental engineering, vehicles and their fuels, and materials and manufacturing.

Our laboratory facilities are extensive, modern and well-equipped. They include the modern material/structure testing laboratory, professionally designed motorsport workshop and state-of-the-art internal combustion engine laboratories. Industry standard specialist software for engineering design is available to students 24 hours a day.

There are opportunities for you to study abroad during your second year, either in Europe or at University of Iowa in the USA.

Careers and your future

If you opt for a placement course, you will have the added bonus of putting your academic study into practice and developing ideas about future careers. Some graduates are offered full-time graduate posts at the companies where they carried out their work placements.

Our graduates go on to work in exciting industrial, commercial, and public sector areas including aviation, automotive design, building services, energy and environmental engineering, gas and water supply, oil production, mining and mineral processing, nuclear power, pharmaceutical production, banking, biomedical, the armed forces and the railways.



Our engineering courses ensure you engage in thought-provoking projects and challenging tasks. This means that when you graduate from Brunel you will be ready for the workplace and join our long list of highly employable engineering graduates.

**Professor Diane J Mynors, Head of Department,
Mechanical and Automotive Engineering**

Mechanical Engineering BEng/MEng (Hons)

For BEng: brunel.ac.uk/beng-me

For MEng: brunel.ac.uk/meng-me



Mechanical Engineering BEng (Hons)

UCAS codes

H303 3 years full-time

H304 4 years full-time with placement

Entry criteria

A-level ABB **BTEC** D*DD **IB** 31 points

IELTS 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Mechanical Engineering MEng (Hons)

UCAS codes

H301 4 years full-time

H302 5 years full-time with placement

Entry criteria

A-level AAB **BTEC** D*D*D plus A-level Mathematics

IB 33 points **IELTS** 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Typical modules

Year 1 Engineering Mechanics and Materials • Engineering Systems and Energy • Mechanical Engineering Science

Year 2 Design Process for Machine Elements, Manufacturing Processes, Materials and CAD • Elements of Engineering Design Project • Engineering Mathematics and Programming

Year 3 Introduction to AI Applications in Engineering • Mechanical Engineering Structures • Major Individual Project

Year 4 (MEng) Additive Manufacturing and Advanced CAD • Strategy and Business Planning • Major Group Project

Institution of
**MECHANICAL
ENGINEERS**

Our Mechanical Engineering BEng/MEng degrees will give you a solid grounding in the core principles of engineering science including solid body mechanics, thermodynamics, and materials science, as well as in the fundamentals of design and manufacturing.

You'll also get training in related disciplines integral to mechanical engineering such as computing, electrical engineering and electronics. And, as mechanical engineers not only design many exciting products but venture into managing projects and companies, you'll study elements of management, ethics, finance and law.



During my industrial placement I got to learn hands-on about additive manufacturing and consulting engineering. The highlight of the year was a trip to Las Vegas to attend a conference. I look forward to what the future holds for me!

Asad, Mechanical Engineering MEng (Hons)



Automotive Engineering BEng/MEng (Hons)

For BEng: brunel.ac.uk/beng-aue

For MEng: brunel.ac.uk/meng-aue



Automotive Engineering BEng (Hons)

UCAS codes

HH30 3 years full-time

HHN1 4 years full-time with placement

Entry criteria

A-level ABB **BTEC** D*DD **IB** 31 points

IELTS 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Automotive Engineering MEng (Hons)

UCAS codes

HHH0 4 years full-time

H3N1 5 years full-time with placement

Entry criteria

A-level AAB **BTEC** D*D*D plus A-level Mathematics

IB 33 points **IELTS** 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Typical modules

Year 1 Engineering Mechanics and Materials • Engineering Systems and Energy • Mechanical Engineering Science

Year 2 Design Process for Machine Elements, Manufacturing Processes, Materials and CAD • Engineering Mathematics and Programming • Vehicle Design and Performance

Year 3 Technologies for Future Transport • Vehicle Propulsion • Major Individual Project

Year 4 (MEng) Advanced Vehicle Dynamics and Advanced CAD • Strategy and Business Planning • Major Group Project

Institution of
**MECHANICAL
ENGINEERS**

Brunel's Automotive Engineering BEng/MEng degrees give students with a passion for motor vehicles the specialised knowledge they need to become professional engineers in the fast-moving automotive industry.

Along with a solid grounding in the fundamentals of mechanical engineering, including maths, engineering science and design, you'll gain an in-depth knowledge of current and future automotive technology.

You'll study all aspects of the automotive industry, from vehicle design and performance to engine and transmission systems to materials, structures, management, and safety.



The opportunities to get involved in projects such as Brunel Racing from the first year has allowed me to develop my skills further and expand my knowledge of the automotive industry.

Georgina, Mechanical Engineering MEng (Hons)



Engineering with an Integrated Foundation Year

brunel.ac.uk/fd-eng

UCAS codes

H100 4 years full-time

H101 5 years full-time with placement

Entry criteria

A-level CCC **BTEC** DDD **IB** 27 points

IELTS 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Brunel's Engineering with an Integrated Foundation Year is an ideal choice if you don't have the required qualifications to begin an engineering degree straight away. It will equip you with the knowledge and skills needed to join the first year of your chosen engineering degree.

You will learn about basic engineering principles and study subjects including engineering mathematics, physics, mechanics, and materials science. You'll be introduced to concepts of electronic engineering and develop your verbal, graphic and written communication skills.

Typical modules

Year 0 Engineering Science • Foundations of Physics • Mathematical Methods



The Formula Student racing team is why I came to Brunel and the engineering foundation year has given me the groundwork to get involved. Brunel has great connections and resources to support my passion for racing.

Harrison, Engineering with an Integrated Foundation Year



Kirsty leads the way in engineering

Kirsty Greener #IamBrunel

Brunel Civil Engineering with Sustainability (MEng) alumna student Kirsty Greener received recognition for her leadership in engineering by being awarded the Cadzow Smith Engineering prize by the Engineers Trust. The award is based on a combination of academic ability, personality and initiative in engineering that will provide promise for the future.

In addition to Kirsty's great academic record, she received the award for her contributions to the wider community. Before starting at Brunel, Kirsty co-founded a charity called Loud and Proud; which gives young people the opportunity to help the local community through clean ups, residential home visits and events. Kirsty has also been active in Brunel's civil engineering society (CivSoc) and engaging students in STEM activities.

Kirsty said: "This was an amazing finale to my studies at Brunel and will help my career development as a well-rounded engineer. I am so grateful to the university for submitting me as their candidate and the support they have given me throughout my five years of study."

BIOMEDICAL SCIENCES



brunel.ac.uk/biomedical-sciences



**Accredited
by the Royal
Society of
Biology**



If you're looking to make an impact in the world of science, Biomedical Sciences at Brunel offers you the highest standard of teaching in our extensive range of laboratories, that will set you up for future success.

You'll learn about the most up-to-date scientific discoveries in a fast-moving field where our academics teach you cutting-edge research through practical experience. Our lecturers are active researchers who have published in high-quality reviews and textbooks in areas such as treatments for 21st century diseases, personalised medicine, cancer and genomic treatments as well as ageing diseases.

- **Biomedical Sciences BSc (Hons)**
- **Biomedical Sciences (Biochemistry) BSc (Hons)**
- **Biomedical Sciences (Genetics) BSc (Hons)**
- **Biomedical Sciences (Human Health) BSc (Hons)**
- **Biomedical Sciences (Immunology) BSc (Hons)**
- **Biological Sciences (for intercalated students) BSc**
- **Life Sciences BSc (Hons), see page 172**

Study Biomedical Sciences at Brunel

Studying Biomedical Sciences at Brunel means you'll learn from our expert lecturers carrying out some of the most important biomedical research of the 21st century.

You'll benefit from an award-winning learning experience that reduces the burden of assessments and refines your skills in evaluation, communication and using complex information. Our biomedical sciences teaching team won an award for Teaching Excellence from the Higher Education Academy in recognition of our innovative approach to teaching and learning.

You also have an extensive range of biomedical sciences laboratories at your disposal to develop the career skills you need to stand out in the job market. Our courses are accredited by the Royal Society of Biology in recognition of our academic quality, so you'll gain professional accreditation leading to greater career prospects.

Careers and your future

Biomedical Sciences at Brunel has a strong focus on developing you for your future career goals.

Whether you want to work as a cancer research scientist, a forensic scientist or a science journalist – the employability teaching blocks at Brunel provide a personalised approach towards developing your skills. You'll work on improving your CV and your interview techniques, as well as attending careers events and carrying out research projects with academics.

You can network with some of the biggest industry names. Each year, we hold a Biomedical Sciences Careers Fair where you'll have the opportunity to connect with organisations such as GlaxoSmithKline, Great Ormond Street Hospital, Parexel, Age UK and Royal Brompton Hospital NHS Foundation.



At Brunel you'll find we regularly ask for your opinion and consider your interests before making decisions. We're proud that this policy of student involvement has contributed to Biomedical Sciences at Brunel, consistently receiving exceptionally high satisfaction ratings from our students.

Dr Elisabete Silva, Division Lead for Biosciences

Biomedical Sciences BSc (Hons)

brunel.ac.uk/bsc-bs



UCAS codes

C900 3 years full-time

C901 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDD **IB** 30 points

IELTS 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

The human body runs on complex internal processes, with cells and organs functioning in incredible ways to make us who we are. But what happens when our health is compromised? This dynamic degree is perfect for those fascinated by how we work and how we treat human diseases.

Your interest in biomedical sciences at this stage may be very broad and perhaps you're not ready to specialise. Our Biomedical Sciences BSc is flexible in your first year, so you have the option to switch over to a specialist pathway in your second year.

Typical teaching blocks

Year 1 Biochemistry: Structure and Function • Biology of the Cell • Practical Skills in Biomedical Sciences

Year 2 Genetics, Genomics and Human Health • Human Pathology and Immunology • Molecular and Cellular Biology

Year 3 Final Year Project

Optional: The Biology and Treatment of Cancer • Gene Therapy and Related Technologies • Medical Immunology

Biomedical Sciences (Biochemistry) BSc (Hons)

brunel.ac.uk/bsc-bsb



UCAS codes

C722 3 years full-time

C723 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDD **IB** 30 points

IELTS 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

What is happening inside our cells? What is happening at a molecular level? The bringing together of biology and chemistry allows scientists to use chemical knowledge to understand biological problems.

As you continue through your degree you'll study specialist areas that will teach you about the various biochemical pathways and how they may be altered during specific human diseases.

Typical teaching blocks

Year 1 The Human Body: Principles of Anatomy and Physiology • Introduction to Data Analysis • Practical Skills in Biomedical Sciences

Year 2 Analytical Biochemistry • Human Pathology and Immunology • Molecular and Cellular Biology

Year 3 Medical Biochemistry • Final Year Project

Optional: Cellular Pathologies • Endocrine Disorders

You might also be interested in our Life Sciences BSc (Hons) programme. See page 170 for details.



The course addresses real-world issues, so I've learned to solve problems, speak in public and become confident about the field. I graduated with a first class honours degree and I have won a scholarship for a fully funded PhD project at Brunel so my journey here continues.

Denise, Biomedical Sciences BSc (Hons)

Biomedical Sciences (Genetics) BSc (Hons)

brunel.ac.uk/bsc-bsg



UCAS codes

C400 3 years full-time

C401 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDD **IB** 30 points

IELTS 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

The Human Genome Project is having a huge impact on the field of science and genetics. How will it provide new insights and therapies for the treatment of genetic diseases? If you're interested in the field of genetics and the treatment of genetic diseases then this specialist course is perfect for you.

You'll study specialist areas that will teach you how the role of various genetic mutations alter cellular processes and biomechanical pathways in normal metabolism, and also how these pathways may be altered during specific human disease.

Typical teaching blocks

Year 1 Biology of the Cell • The Human Body: Principles of Anatomy and Physiology • Practical Skills in Biomedical Sciences

Year 2 Developmental Genetics and Stem Cell Biology • Genetics, Genomics and Human Health • Human Pathology and Immunology

Year 3 Gene Therapy and Related Technologies • Final Year Project

Optional: Genomic Medicine • Medical Immunology



The course covers the study of disease specifically related to genetic defects and how you can change that. After graduating I hope to study a postgraduate qualification and then to progress into a medical career.

**Susanna, Biomedical Sciences
(Genetics) BSc (Hons)**

Biomedical Sciences (Human Health) BSc (Hons)

brunel.ac.uk/bsc-bsh



UCAS codes

B990 3 years full-time

B991 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDD **IB** 30 points

IELTS 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

How do human beings stay healthy? What are the factors involved in disease transmission? Studying the human health biomedical sciences degree answers these questions.

After covering all of the areas of biomedical sciences in your first year, you'll go on to study specialist areas that will give you a greater understanding of the role of the immune system. You'll learn about how the human defence system helps to prevent disease and you'll focus on how this can fail through deficiencies in immunity.

Typical teaching blocks

Year 1 Biochemistry: Structure and Function • Biology of the Cell • The Human Body: Principles of Anatomy and Physiology

Year 2 Genetics, Genomics and Human Health • Human Pathology and Immunology • Medical Microbiology • Molecular and Cellular Biology

Year 3 Microbial Pathogenesis • Final Year Project

Optional: Cellular Pathologies • Molecular Pharmacology and Toxicology



I chose the Human Health pathway because I'm particularly interested in the more clinical side of biomedical sciences. I would like to work in a hospital, analysing people's test results and this pathway will help me to achieve my career goals.

Emily, Biomedical Sciences (Human Health) BSc (Hons)



Biomedical Sciences (Immunology) BSc (Hons)

brunel.ac.uk/bsc-bsi



UCAS codes

C550 3 years full-time

C551 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDD **IB** 30 points

IELTS 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Often credited as the 'father of immunology' Edward Jenner is said to have saved more lives than any other human being through his discovery of the smallpox vaccine. Modern study of immunology is an exciting and fast-moving area of biomedicine and remains an extremely rewarding one to be part of.

After covering all of the areas of biomedical sciences in your first year, you'll go on to study specialist areas that will teach you about the role of infectious organisms in disease and how human activities can lead to disease transmission.

Typical teaching blocks

Year 1 Biochemistry: Structure and Function • Biology of the Cell • Practical Skills in Biomedical Sciences

Year 2 Human Pathology and Immunology • Medical Microbiology • Molecular and Cellular Biology

Year 3 Medical Immunology • Microbial Pathogenesis • Final Year Project

Optional: Genomic Medicine

Biological Sciences (for intercalated students) BSc

brunel.ac.uk/bsc-ibsc

Course code

BIOLOGSCIEN3FTD 1 year full-time

Entry criteria

Successful completion of first two years' study of a UK medical degree with a profile equivalent to a 2:1 average

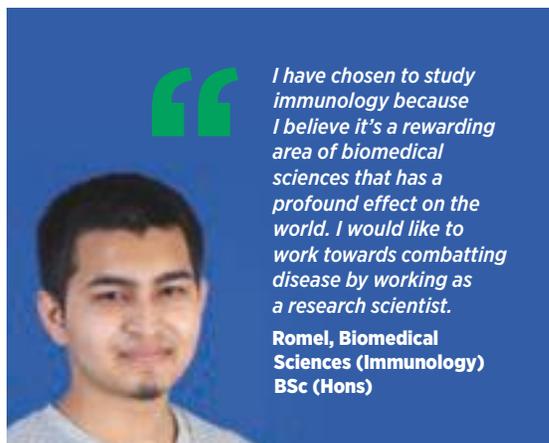
For detailed entry criteria visit our web page

If you've completed at least two years of an undergraduate medical degree and wish to further develop your skills and knowledge to improve your career prospects, then this year-long programme is designed for you.

By studying Biological Sciences BSc at Brunel you'll gain an advanced knowledge and understanding in life science and the impact this has on biomedical science. You'll enhance your university experience and prepare for your future career by learning a more specialist pathway.

Typical teaching blocks

Year 1 Research Methods for Intercalated Students 1 (Scientific Communication) • Research Methods for Intercalated Students 2 (Health and Safety, Lab Skill, Ethics and Statistics) • Research Project





BRUNEL MEDICAL SCHOOL

 brunel.ac.uk/medical-school



Educating doctors of the future

We're excited to introduce our 5 year undergraduate degree in medicine leading to the award of Bachelor of Medicine, Bachelor of Surgery (MBBS).

Our Medicine MBBS is open to students from outside the UK. Opportunities for home students will depend on Health Education England opening new training places for which Brunel Medical School will apply.

- **Medicine MBBS**

Study Medicine at Brunel

The Brunel Medicine MBBS course will enable you to graduate with the medical knowledge and professional skills you will need as a new doctor, ready for further training in the UK or overseas. You will be awarded a UK Primary Medical Qualification called Bachelor of Medicine, Bachelor of Surgery (MBBS)* and will be eligible to undertake your Foundation training.

Brunel Medical School will be awarding a number of MBBS international scholarships on the basis of academic merit.

*As a new medical school, our MBBS award is subject to successful progress through the General Medical Council's rigorous quality assurance programme.

Careers and your future

The world of medicine is certainly challenging. Our goal at Brunel is to prepare you for your Foundation training wherever you choose to continue your clinical journey.

Specialist advice and guidance regarding your career in medicine will be provided as well as support when applying for your Foundation training.

Supervised clinical placements will include general practices, community services and teaching hospitals in the neighbouring NHS Trusts, to give you a broad understanding of clinical specialties, health system delivery and community care.

For further information on Brunel Medical School, please register your interest by completing our online enquiry form at brunel.ac.uk/medical-school



We're proud of our world-class medical school at Brunel which aims to prepare you for 21st century practice in the range of clinical and community settings. Our aim is to train doctors with the knowledge, skills and flexibility, who are patient-focused and ready to practise medicine.

Professor Olwyn Westwood, Director of Medical Education, Brunel Medical School

Medicine MBBS

brunel.ac.uk/medical-school



UCAS code

A100 5 years full-time

Entry criteria

A-level AAB **IB** 33 points

IELTS 7 (min 7.0 in all areas)

International Secondary School Qualifications:

Grades equivalent to AAB at A-level

Graduates with a degree cognate to medicine with at least a 2.1 honours or equivalent will be reviewed on a case-by-case basis.

Priority will be given to applicants who have taken the University Clinical Aptitude Test (UCAT).

For detailed entry criteria visit our web page

Studying Medicine at Brunel will prepare you for the future of medical practice, being team-based, highly technology-driven and patient-focused. Team-based learning (TBL) will be the main teaching approach in the early years, both in-person and on-line. Our modern purpose-designed teaching facilities, vibrant international campus based in west London and focus on communication skills, team-work and leadership training will prepare you for clinical placements and patient contact.

The curriculum includes a focus on 'Technologies' for Health to prepare you for emerging and innovative approaches for patient care, including telemedicine, genomics and bio-informatics to determine the genetic and environmental contributions of disease.

The vision of the school is to transform healthcare through research that is translational and interdisciplinary, involving basic and clinician scientists, engineers, designers and computer scientists and research-informed approaches to health professions education, training and practice.



Course content

You will learn the following:

Scientific basis of medicine

Cellular and genetic basis of health and disease • Molecular biology, anatomy, physiology, pathology and pharmacology as applied to systems of the body such as blood, circulation, respiration, excretion, hormones, digestion, muscles, bones and joints, the nervous system and reproduction.

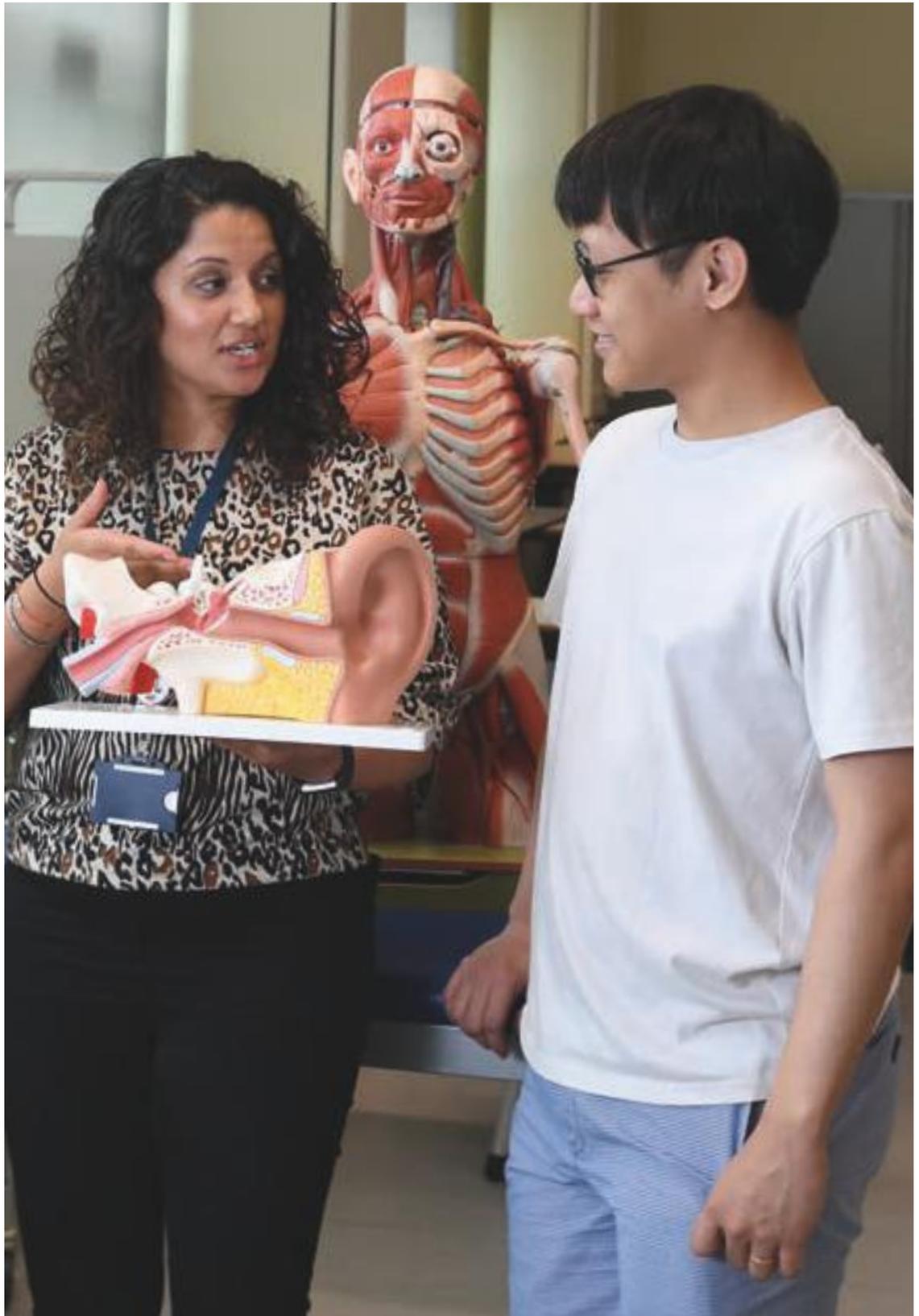
Social and professional basis of medicine

Medical humanities, lifestyle medicine • Professionalism, ethics, law, leadership and patient safety • Clinical and communication skills

Clinical practice

Clinical placements start in term 1 of year 1, with increased frequency from year 3 onwards.





ENVIRONMENTAL SCIENCES



brunel.ac.uk/environmental-sciences



Tackle global ecological issues with an Environmental Sciences degree



The Intergovernmental Panel on Climate Change estimate that human activities have caused approximately 1°C of global warming above pre-industrial levels. What is the impact of this and what will happen if it continues to rise? Studying Environmental Sciences at Brunel will give you the foundation you need to pursue a career that makes a difference to our planet.

You'll learn a wide range of skills that will make you an all-rounder capable of dealing with the many challenges our environment faces. Gaining scientific skills and knowledge through classroom, laboratory, group and field-based learning means you'll be prepared to analyse and evaluate potential solutions to environmental problems across the world.

You'll benefit by being taught by our industry experts who bring the latest environmental research and insight into their teaching to give you a comprehensive learning experience.

- **Environmental Sciences BSc (Hons)**
- **Environmental Sciences MSci (Hons)**

Study Environmental Sciences at Brunel

Whether you're starting your career or want to develop your existing skills, studying an environmental sciences degree at Brunel means you'll be part of a team developing creative and innovative ideas around the areas of climate change, sustainability and renewables.

You'll graduate from a course that's highly regarded in the sector. Our courses are accredited by the Institution of Environmental Sciences (IES) and you'll benefit from free IES membership. This is your first step towards becoming a Chartered Environmental Scientist, bringing opportunities for networking and professional development.

Our degrees offer exceptional work placement opportunities that really add value to your CV and give you access to a number of exciting future careers.

Careers and your future

Your environmental sciences degree will give you the skills to deal with sustainability and environmental management issues, which are now becoming important factors for all types of businesses.

You'll also have the potential opportunity to work within government organisations that help create better places for people and wildlife, as well as support sustainable development in the UK.

Both our courses offer a unique compressed degree option, where you can carry out two placements during summer vacations or a one year placement between years 2 and 3. Upon graduation from your environmental sciences degree, you'll better understand the impact of humans on the natural world and become someone who develops practical solutions to tackle global ecological issues.



Our programmes mix some of the best teaching and research at Brunel with the skills needed for the growing field of environmental sciences. We loved putting these programmes together and we think that you'll love tackling current global challenges during the degree and afterwards in your career.

Dr Edwin Routledge, Divisional Lead for Environmental Sciences

Environmental Sciences BSc (Hons)

brunel.ac.uk/bsc-es



UCAS codes

F850 3 years full-time

F854 3 years full-time with compressed placement

F852 4 years full-time with placement

Entry criteria

A-level BBC **BTEC** DDD **IB** 29 points

IELTS 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Environmental Sciences MSci (Hons)

brunel.ac.uk/msci-es



UCAS codes

F851 4 years full-time

F855 4 years full-time with compressed placement

F853 5 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDD **IB** 30 points

IELTS 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Environmental Sciences at Brunel is a multidisciplinary degree that includes biology, chemistry, geography, ecology and maths amongst other key topics. Your first year will bring together many of these different disciplines. You'll use physical, chemical and biological knowledge to develop an understanding of the Earth's environment.

You'll benefit from our extensive, state-of-the-art teaching facilities and research laboratories. Field-based learning is an important element of the course and you'll have the opportunity to attend at least two residential field trips (currently in Dorset and Tenerife).

Follow your passion to make a difference by studying for an Environmental Sciences MSci. From deforestation to waste disposal or natural resource depletion to global warming, this degree will provide you with the foundations to pursue a career that makes a difference to our world.

Studying for an MSci means that you'll graduate with an integrated master's. From an employer's perspective you'll stand out from the crowd because you'll have developed your skills to a greater depth and specialised in an important environmental sciences area of your choice.

Typical modules

Year 1 The Biosphere and Ecology • Environmental Chemistry • Earth System Science

Year 2 Climate Change • Environmental Pollution • The Sustainability Challenge

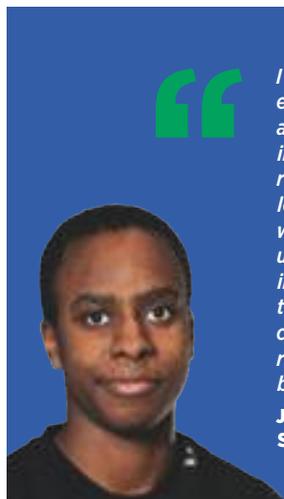
Year 3 Environmental Governance • Sustainable Development • Individual Project

Typical modules

Year 1 – 3 You have the same programme of study as the Environmental Sciences BSc (Hons) for years 1 to 3.

Year 4 (MSci) Group Project

Optional: Designing, Analysing and Interpreting (Eco) Toxicological Studies • Water Infrastructure Engineering



“ I chose to study environmental sciences as I am interested in sustainability and renewable energy. In lectures or group-work, we're always coming up with creative and innovative ideas around the areas of climate change, sustainability and renewables which really bring my course to life.

Jeffrey, Environmental Sciences BSc (Hons)



“ I wanted to study environmental sciences, as it's important that more people work towards an environment free from burning fossil fuels and relying completely on renewable energy. The range of environmental topics taught on this course allowed me to see where my interests are, as well as the opportunities to develop them.

Patrycja, Environmental Sciences BSc (Hons)



LIFE SCIENCES

 brunel.ac.uk/life-sciences



**Study the
behaviour of
living organisms
to create a
degree as
unique as you**

Life Sciences at Brunel builds your understanding of living beings on a cellular, biomechanical, environmental and psychological level, so that you can create a degree as unique as you.

If you've not yet decided on the area of life sciences you want to study and want to keep your options open, then this degree is the one for you. You'll have the opportunity to study several different life science streams (biological, environmental, psychological and sports science) alongside learning computational data analytics and optional modules such as creative writing, languages or law.

You'll gain an understanding of life sciences at an international level. Our academics have taught, worked or carried out research across the world so you'll benefit from their teaching, which brings a global perspective to this subject area.

- **Life Sciences BSc (Hons)**

Study Life Sciences at Brunel

If you choose to study Life Sciences at Brunel, you'll gain a comprehensive understanding of several life sciences disciplines to create a distinctive, industry-valued degree. You'll hit the ground running and continue your rapid learning throughout your course. From day one, you're able to use our extensive range of labs and start learning to use basic lab equipment, gradually working your way up to more specialist forensic equipment and analytical software.

Our academics will give you a unique combination of knowledge which includes biochemistry, cellular and molecular biology, sports and exercise biology, biological psychology and the biological environment.

Plus, if you opt for a placement year, you'll have the opportunity to work within a range of prestigious organisations helping you build a world-class career.

Careers and your future

Your life sciences degree offers excellent job prospects and access to a range of careers within science and many other industries. It was designed in response to feedback from many different industries to provide the kind of graduates they need.

You'll graduate with a unique set of skills in communication, critical thinking, data analysis, experimental techniques, information technology, team-working and time management – all of which are highly valued in the job market.

This course will prepare you for a career in a diverse range of fields such as the sport, health and exercise industry, biomedical research or ecology and environmental management. It will also prepare you for further study and research in life sciences.



Life Sciences BSc (Hons) is a flexible degree and you'll draw together elements of the life sciences to match your own interests. You'll broaden your knowledge further by selecting options in other subjects such as management and modern languages. When you graduate, you'll have a unique combination of knowledge and skills, making you highly employable and ready to explore new and exciting career paths.

Dr David Tree, Reader in Life Sciences

Life Sciences BSc (Hons)

brunel.ac.uk/bsc-ls



UCAS codes

LF01 3 years full-time

LF02 4 years full-time with placement

Entry criteria

A-level BBB **BTEC** DDD **IB** 30 points

IELTS 6 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Life sciences are at the forefront of modern science. With this degree you'll gain a mix of skills, in areas chosen by you, across a range of science streams. In year 2 you'll choose two areas of the life sciences to specialise in, giving you a broad but complete scientific education.

You'll choose from a wide range of subjects including Biology, Environmental Sciences, Psychology and Sports Science. You'll learn computational and statistical data analysis and quantitative research, giving you the skillsets to work with big data – a fundamental part of modern science.

Typical modules

Year 1 Biochemistry: Structure and Function
• Biosphere for Life Sciences • Introduction to Human Anatomy and Physiology

Year 2 Career Skills in Life Sciences • Introduction to Bioinformatics

Streams: You can choose two areas to specialise in: Biochemistry, Cell Biology, Cognitive Neuroscience, Computational Data Analytics, Environmental Health, Evolution and Behaviour, Genetics, Infection and Immunity and Sports Science

Year 3 Final Year Project • The Cognitive Neuroscience of Consciousness • Continuation of your chosen specialist areas from year 2



I chose to study Life Sciences because it's a unique course that allows me to study a broad range of subjects within my degree. I love the fact I get to study some of my most favourite subjects on this degree such as sports science, psychology and even maths!

Caitlin, Life Sciences BSc (Hons)



Lending a helping hand

Lucy Hawkes #IamBrunel

Brunel students don't hold back when it comes to giving back to the community. In 2017 an amazing 690 students completed 18,169 volunteering hours, raising funds for charity, supporting fellow students and getting involved in the community.

As a Brunel Volunteer you can take part in a wide range of on-campus and local activities, such as our annual Good Deed Day when students volunteer to perform good deeds in Hillingdon – our local community – to raise funds for the Mayor of Hillingdon's Charitable Trust. Occupational Therapy student Lucy Hawkes (pictured right) and Holly Chung (English with Creative Writing) were among 80 students who joined forces with charities to offer everything from free manicures and lunch to picking up litter and packing bags in local supermarkets.

Lucy said: "Brunel Volunteers makes it very easy for you to find a volunteering opportunity. I've had a great time on all of my volunteering experiences at Brunel, meeting other students and helping out in the local community."

brunel.ac.uk/volunteers

NURSING

 brunel.ac.uk/nursing



Become a progressive professional promoting health and wellbeing

Studying nursing at Brunel will make you a proactive, creative and dynamic practitioner in this challenging yet rewarding field.

You'll gain the essential skills needed to start or develop a career in nursing. Brunel will empower you with the knowledge to become a confident practitioner who can administer effective care and treatments to your patients.

Nursing & Midwifery Council (NMC) registration, with your degree, enables you to practise as a registered nurse in the UK.

- **Nursing (Adult) BSc (Hons)**
- **Nursing (Child Health) BSc (Hons)**
- **Nursing (Mental Health) BSc (Hons)**
- **Specialist Community Public Health Nursing BSc (Hons)**

Study Nursing at Brunel

Your Nursing degree will develop you into an innovative practitioner in the promotion of health, and the prevention of ill health, for individuals, groups and communities.

We offer three new undergraduate degrees in Adult, Child Health and Mental Health Nursing* that empower you with the specialist skills, knowledge and confidence to start your nursing career.

You'll learn through an equal balance of theory and practice, gaining your professional experience in a variety of healthcare settings where you'll work closely with other healthcare professionals, service users and their families.

For qualified nurses (with initial nurse or midwife registration), we offer three pathways as part of our Specialist Community Public Health Nursing BSc (Hons): Health Visiting, Occupational Health Nursing or School Nursing.

*These programmes are subject to approval by the Nursing & Midwifery Council. These courses will be open to Home and EU applicants only for 2021 entry.

Careers and your future

At Brunel, you'll gain the knowledge to start a career in nursing and specialise in either adult, mental health or children's nursing*. NMC registration, with your degree, enables you to practise as a registered nurse in the UK so you'll be entering a highly respected profession with excellent employment prospects.

If you have initial nurse or midwife registration, you'll improve your opportunities of progressing into a leadership or management role after graduating from your specialist community public health nursing course.



At Brunel, you'll be taught by an experienced team of committed nurse lecturers, who'll support you in your studies both in the University and in practice. You'll be taught within a vibrant campus, with fabulous clinical facilities, including simulation. We work with a wide range of highly regarded practice partners and you'll get the opportunity to experience clinical placements in these environments. Brunel has an excellent reputation so you'll be proud of where you have undertaken your studies for the duration of your career.

Dr Karen Harrison-White, Divisional Lead for Nursing

Nursing (Adult) BSc (Hons)

Course subject to NMC approval

brunel.ac.uk/bsc-na



UCAS code

TBC 3 years full-time

Entry criteria

A-level TBC

For detailed entry criteria visit our web page

Gain the essential skills needed to start a career in nursing. Brunel will empower you with the knowledge to become a confident practitioner who can administer effective care and treatments to adult patients.

On this programme, you'll learn to care for adults with acute / long-term illnesses and you'll prepare to play a vital role in health promotion and disease prevention.

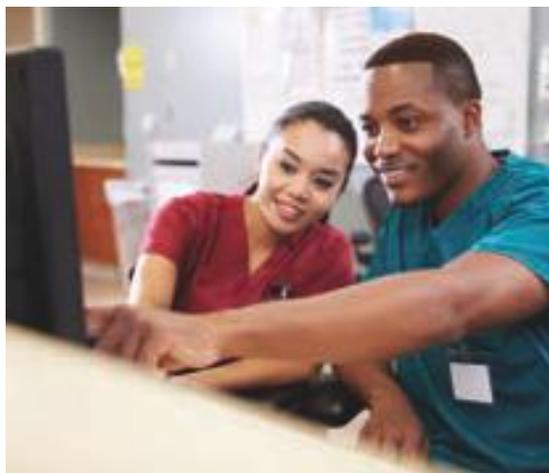
Through your programme in adult nursing, you'll learn to understand the health needs of patients aged 18 and over within public health, community development and global agendas. You'll be supported in developing the personal skills necessary for the nursing profession.

Typical modules

Year 1 Developing Skills for Practice • Health and Wellbeing Across the Life Continuum • Human Sciences

Year 2 Enhancing Skills for Adult Nursing • Nursing in Society • Pharmacology and Prescribing Ready

Year 3 Reviewing the Literature to Inform Practice • Skills for Registration • Transition to Registered Nurse



Nursing (Child Health) BSc (Hons)

Course subject to NMC approval

brunel.ac.uk/bsc-nch



UCAS code

TBC 3 years full-time

Entry criteria

A-level TBC

For detailed entry criteria visit our web page

How are the specific health needs of a child different to an adult? How can a child's symptoms be understood through their behaviour and reactions? How can the whole family be supported through times of great change and stress? These are the questions you'll be finding the answers to as a children's nurse. Nursing infants, children and young people is challenging and rewarding. If you're compassionate, sensitive and have quick, sound judgement then you'll thrive in a career where you can truly make a difference to children's lives.

On this programme, you'll learn clinical and communication skills focused on paediatric nursing. Your placement opportunities will develop these skills and your understanding of caring in hospital and community settings.

Typical modules

Year 1 Developing Skills for Practice • Health and Wellbeing Across the Life Continuum • Human Sciences

Year 2 Enhancing Skills for Child Nursing • Nursing in Society (Child) • Pharmacology and Prescribing Ready

Year 3 Reviewing the Literature to Inform Practice • Skills for Registration (Child) • Transition to Registered Nurse



Nursing (Mental Health) BSc

Course subject to NMC approval

brunel.ac.uk/bsc-nmh



UCAS code

TBC 3 years full-time

Entry criteria

A-level TBC

For detailed entry criteria visit our web page

Are you looking for a rewarding career where you can improve the quality of people's lives? From building therapeutic relationships through to advising patients about relevant therapies or social activities, as a mental health nurse, you'll have a profound impact on the lives of the people you care for. Nursing is the largest healthcare profession in the country. As a qualified mental health nurse, you'll be entering a highly respected profession with excellent employment prospects.

On this programme, you'll gain the clinical and communication skills required to support individuals and their families through their recovery process. You'll learn about the new and emerging concept of trauma-informed care and gain the knowledge and experience to work within community, primary and acute care settings. You'll be given the skills to work with patients with psychosis, anxiety and conditions such as mood-related, organic and neurodevelopmental disorders. You'll also learn to support individuals affected by the use of psychoactive substance use. You'll also learn how to safely care for your patient's physical health needs.

Typical modules

Year 1 Developing Skills for Practice • Health and Wellbeing Across the Life Continuum • Human Sciences

Year 2 Enhancing Skills for Mental Health Nursing • Nursing in Society (Mental Health) • Pharmacology and Prescribing Ready

Year 3 Reviewing the Literature to Inform Practice • Skills for Registration (Mental Health) • Transition to Registered Nurse

Specialist Community Public Health Nursing BSc (Hons)

brunel.ac.uk/bsc-nu



Course duration

1 year full-time

2 years part-time

Apply at brunel.ac.uk/bsc-nu

Entry criteria

Qualified nurse with active registration on the NMC Nursing Register part one or two.

For detailed entry criteria visit our web page

This course is for a qualified nurse or midwife who is looking for the next career step or who would like to progress into a leadership or management role.

You'll specialise in one of these three areas:

Health Visiting

You'll learn to promote health and prevention of ill health in expectant mothers and under-fives in a proactive and innovative way. You'll liaise with parents and a multi-disciplinary team.

Occupational Health Nursing

This course covers health and safety at work, risk assessment, management of occupational disease and the promotion of physical and psychological health among the workforce. If you choose this pathway, you'll be eligible for free membership to The Association of Occupational Health and Wellbeing Professionals (iOH).

School Nursing

This course will prepare you to lead a school nursing team of variable skills mix, to promote school health and meet the health-related needs of children and adolescents at school and with their families and carers.

Typical modules

Year 1 Developing Specialist Community Public Health Nursing Practice • Health Promotion and Public Health Leadership • Managing Professional Perspectives in Specialist Community Public Health Nursing



I'm so glad I chose to study Health Visiting at Brunel. The enthusiasm of the lecturers combined with lots of support, especially with assignments, has made the course very rewarding and enjoyable, despite being a very intense and full-on year of study.

Amanda, Specialist Community Public Health Nursing BSc (Hons)

OCCUPATIONAL THERAPY

 brunel.ac.uk/occupational-therapy



**Accredited
by the Royal
College of
Occupational
Therapists**



Study Occupational Therapy at Brunel and you'll learn the practical and enquiry skills to help people lead better lives physically, emotionally, socially and psychologically.

The human body is amazing but when things go wrong, either mentally or physically, people often aren't able to do activities that matter to them. What are the barriers to activity? Are there ways to overcome these barriers? These are the questions you'll be finding the answers to as an occupational therapist.

- **Occupational Therapy BSc (Hons)**

Study Occupational Therapy at Brunel

Studying Occupational Therapy at Brunel equips you with the skills to play an active role in understanding and improving the lives of your patients. You'll benefit from 28 weeks of practice placements on your degree and access to purpose-built occupational therapy facilities which mirror real clinical environments including our specialist kitchen, arts room and gym. In our 'Keep Living Suite', you'll learn about the use of equipment and adaptable living environments.

Our expert lecturers are experienced, passionate and still active in clinical settings or research, so you'll get a comprehensive learning experience where their knowledge becomes yours. You'll learn the latest developments in occupational therapy and be better able to think, discuss and engage critically using the latest practices.

Careers and your future

After graduating you'll be eligible to apply for registration with the UK Health and Care Professions Council in order to practise as an occupational therapist. You'll be able to work in areas such as physical rehabilitation, mental health settings, with children in schools or clinics and with people with learning disabilities, based at a hospital or as part of a community reablement team. As well as opportunities to work in the health and social care sector, there's also demand for occupational therapists in the voluntary sector, private practice, schools and industry. Some graduates go on to become case managers, expert witnesses, work with engineers to design equipment or start up their own business or private practice.



We aim to combine a thorough professional education with academic excellence. Our department has a fantastic record of research, innovation and publication which is reflected in the quality and relevance of the teaching you'll experience. If you're committed to improving lives through occupational therapy in the spirit of the NHS, we're very much looking forward to meeting you.

Dr Carolyn Dunford, Divisional Lead for Occupational Therapy

Occupational Therapy BSc (Hons)

brunel.ac.uk/bsc-ot



UCAS code

B920 3 years full-time

Entry criteria

A-level BBB **BTEC** DDM **IB** 30 points

IELTS 7 (min 6.5 in all areas)

For detailed entry criteria visit our web page

Your Occupational Therapy degree integrates theory with practice. You'll learn to examine the physical, psychological and contextual aspects of a patient.

You're encouraged to be creative in your approach and to develop ways to solve their problems. For instance, you could be helping someone who uses a wheelchair with identifying ways to have their kitchen adapted.

If you're positive, a motivator, good at coming up with solutions to problems and looking for a career that's rewarding and really makes a difference to people's lives, then this is the course for you.

Typical modules

Year 1 Human Sciences • Knowledge and Skills for Occupational Therapy • Practice Placement

Year 2 Core Professional Skills • Evidence-Based Occupational Therapy • Occupations for Health and Wellbeing • Theory of Occupation

Year 3 Occupational Therapy Provision and Service Development • Professional Practice • Research in Occupational Therapy



I really enjoyed the anatomy and physiology aspects of my course. I have been on two community placements which showed me how much occupational therapy is needed and used to help various sections of the community. I finished my placements with a greater confidence in my abilities as an occupational therapist.

Allison, Occupational Therapy BSc (Hons)



Occupational Therapy student travels the world and brings home medals

Bethany Wheeler #IamBrunel

Brunel student, Bethany Wheeler began playing wheelchair basketball a year before starting university. When she discovered that Brunel has an active wheelchair basketball club she made her decision to study here. As her medical condition deteriorated and she was unable to run anymore, Bethany became more and more involved in this fully inclusive sport.

In the 2017/18 University Championships, Bethany was 'player coach' when the Brunel team took home silver. In 2018 she was selected to play in the Euro Cup where she competed in Switzerland and Spain. From Europe to the rest of the world – Bethany is now part of Great Britain's Under 25 squad and competed in the World Championships in Thailand where the team won bronze. "The honour of being selected to play for my country has made me want to achieve even more and my aim is to make the senior team in the future."

At Brunel, wheelchair basketball is offered to all Occupational Therapy students as part of the course and there are often friendly matches between staff and students. When asked about how wheelchair basketball has helped with her Occupational Therapy course Bethany said "It's the only fully inclusive sport where able-bodied and wheelchair players can play together. Wheelchair basketball has given me a broad understanding of a range of physical and learning disabilities and how you can adapt activities to include everyone."

PHYSIOTHERAPY

 brunel.ac.uk/physiotherapy



**Ranked
2nd in
London***



Our Physiotherapy undergraduate degree, the largest programme of its kind in London, equips you with the scientific knowledge and patient assessment skills to become an internationally respected professional in this area.

You'll be at the forefront of the latest clinical challenges faced in society today. Brunel's located in London, home to some of the world's leading healthcare centres treating a diverse range of physical conditions.

Studying physiotherapy helps you learn to play an active role in understanding and improving the lives of your patients. You'll also benefit from over 1,000 hours of clinical placements and access to purpose-built physiotherapy facilities which include a specialist gym and bespoke treatment rooms.

- **Physiotherapy BSc (Hons)**

Study Physiotherapy at Brunel

You'll benefit from hands-on learning and excellent, evidence-based teaching throughout your course to gain a thorough understanding of physiotherapy. This will encourage you to think, discuss and engage critically so that you learn to play an active role in understanding and improving the lives of your patients.

Brunel has one of the largest physiotherapy academic teams in the UK with a wide range of experience, so each module you study is taught by an expert in that area. You'll learn from academics currently practising with patients in hospitals so that you gain relevant and effective knowledge that keeps up with the pace of this progressive sector.

We have great links with some of the most highly regarded health providers in London so you'll add over 1,000 hours of exceptional clinical placement experiences to your CV.

Careers and your future

You can start working as a physiotherapist straight after you graduate and begin building an exciting career, as you'll be eligible to apply for statutory registration with the Health and Care Professions Council and full membership of the Chartered Society of Physiotherapy

You'll be equipped with a strong scientific foundation and the practical skills required to be a first-rate physiotherapist.

*The Complete University Guide 2021



At Brunel, we have one of the largest and most experienced physiotherapy academic teams in the UK. We have extensive links with some of the most highly regarded placement partners which means that our students benefit from a broad range of clinical placements.

Alex Harvey, Programme Lead Physiotherapy (BSc)

Physiotherapy BSc (Hons)

brunel.ac.uk/bsc-phy



UCAS code

B160 3 years full-time

Entry criteria

A-level AAB **BTEC** D*DD (plus A-level B grade in Biology/Human Biology) **IB** 33 points

IELTS 7 (min 6.5 in all areas)

For detailed entry criteria visit our web page

The human body is a complex machine, but what happens when movement becomes a challenge? This course trains the next generation of physiotherapists to use their scientific knowledge and patient assessment skills in helping to improve the physical wellbeing of their patients or optimising sports professionals' physical performance.

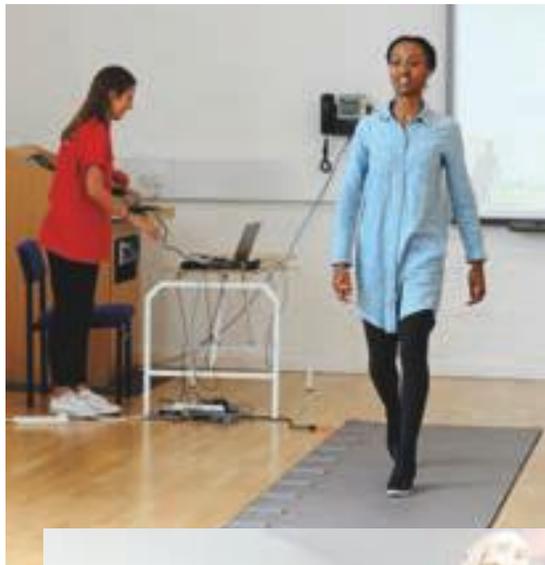
You'll study modules covering a vast range of specialist areas within physiotherapy. You'll learn the skills necessary to analyse patient symptoms and develop treatment plans. You'll also learn to assess the effectiveness of your treatments. This is a skill which is vital to working as a physiotherapist.

Typical modules

Year 1 Anatomy • Musculoskeletal Lower Quadrant • Pathophysiology • Rehabilitation • Respiratory

Year 2 Cardiovascular Health • Musculoskeletal Upper Quadrant • Neurorehabilitation • Placements 1 and 2

Year 3 Critical Care • Professional Practice • Placements 3, 4 and 5



I love the fact that the course doesn't involve just lectures. I also have fun practical sessions with my tutorial group where we get to consolidate the vast amounts of information from the lectures through hands-on learning. It helps that we have incredibly approachable lecturers who will help you with anything.

Alex, Physiotherapy BSc (Hons)

A photograph of four students walking in a line on a paved area in front of a large, modern building with a curved glass facade. They are all wearing black, full-body simulation suits designed to mimic the physical effects of ageing. The suits include large, padded vests, thick gloves, and knee pads. Some students are also wearing large, dark sunglasses and headphones. The scene is brightly lit, suggesting a sunny day.

Ageing suits let students walk in grandad's slippers

#IamBrunel

Brunel students are discovering how it feels to be 50 years older by wearing ageing simulation suits. The wearable technology is helping aspiring health workers and designers to empathise with older people by mimicking age-related conditions. These include the tremors and stumbling associated with Parkinson's, the effects of a stroke, limited vision, pain and fatigue.

The suits are used by students from clinical studies including occupational therapy and physiotherapy as well as design. They gain first-hand understanding of the socially isolating effect ageing can have on a person by wearing the suits for everyday things such as buying a coffee or playing cards.

"How cut off you feel from the outside world is astounding," says Inclusive Design Research Group Leader, Dr Farnaz Nickpour. "I was so busy processing basic tasks that I struggled to manage a conversation."

PSYCHOLOGY



brunel.ac.uk/psychology



**Accredited
by the British
Psychological
Society**



Psychology is an exciting and ever-expanding discipline with areas of research that can provide breakthrough knowledge about the inner workings of the world's most complex machine – the human brain.

Studying psychology will grow your understanding about people, the mind and behaviour relevant to every workplace setting, from the research lab to mental health care.

- **Psychology BSc (Hons)**
- **Psychology (Sport, Health and Exercise) BSc (Hons)**

Study Psychology at Brunel

Since the 1960s, Psychology at Brunel has been producing world-leading research. Our courses offer a rich combination of research and clinical expertise. Our academics are actively involved in a variety of research projects carried out within clinical (NHS) and non-clinical (laboratory, private sector) settings. This feeds into our research-led course content, giving you an up-to-date and a high-quality learning experience. Our aim is to equip you with the full range of skills and experiences you need for the world of work.

Your study will involve the use of lab equipment, enabling you to experience what it is really like working in the field. In addition, our unique placement scheme offers you the option of completing not one but two work experience placements. This gives you the chance to see different work environments. Alternatively, you can carry out a one year placement within a single environment.

Careers and your future

Your British Psychological Society-accredited Psychology degree at Brunel is the first step to becoming a chartered psychologist. In addition to clinical psychology, your degree will give you the skills that are attractive to employers in a wide variety of sectors such as media, marketing, HR, law enforcement, finance, government, health and education.

You'll also leave with a wide range of transferable skills including data handling, scientific analysis, problem-solving, time-management, team working, report writing, presentation and communication skills.

Should you graduate with a 2:2 grade or higher, you'll be eligible to apply for graduate membership of the British Psychological Society (BPS) – the representative body for psychologists in the UK. Membership shows professionalism and dedication to the research and development of psychology for the greater good.

If you choose to pursue further study in psychology, many BPS accredited postgraduate and doctoral programmes also require that you are a graduate member.



Our academic staff are all actively engaged in research. They integrate their research findings into the course, making sure that our teaching is up-to-date. Our aim is to equip you with the full range of skills and experiences you need, ready for the world of work.

Dr Terence Dovey, Divisional Lead for Psychology

Psychology BSc (Hons)

brunel.ac.uk/bsc-psy



UCAS codes

C801 3 years full-time

C800 4 years full-time with two six month placements

C804 4 years full-time with one year placement

Entry criteria

A-level BBB **BTEC** DDD **IB** 30 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Psychology is an exciting subject to study as we are still looking for answers to questions about the human mind and human behaviour. At Brunel, you'll have the chance to immerse yourself in the accepted theories of psychology, as well as the latest research that is expanding our knowledge.

The course will help you to develop specific skills and practical research methods. In the final year you'll tailor your studies to your own interests by selecting modules and writing a dissertation.

Typical modules

Year 1 Academic Skills in Psychology • Foundations of Psychology • Seminars in Psychology • Statistics

Year 2 Biological Psychology • Cognitive Psychology • Developmental Psychology • Social Psychology

Year 3 Dissertation

Optional: The Cognitive Neuroscience of Consciousness • Cross-Cultural Psychology • Forensic Psychology



My two placements were at the International School of London to work with students who have learning disabilities and a victim support group. The fact that these placements were so different allowed me to get a range of experience and helped me understand what type of work I enjoy the most.

Mariam, Psychology BSc (Hons)



Psychology (Sport, Health and Exercise) BSc (Hons)

brunel.ac.uk/bsc-pss



UCAS codes

C802 3 years full-time

C803 4 years full-time with two six month placements

C805 4 years full-time with one year placement

Entry criteria

A-level BBB **BTEC** DDD **IB** 30 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

Psychology in sport, health and exercise is an area of growing interest, particularly in the world of professional sport. Through studying the link between the mind and the body, you'll be able to understand things like motivation and confidence, and the effect that physical activity has on the brain.

You'll learn about core psychology theories and methodologies which will complement your understanding in specialist areas specific to sport, such as health and wellbeing, and the allocation of visual attention in highly complex and dynamic environments such as those encountered in many sports contexts.

Typical modules

Year 1 Foundations of Psychology • Introduction to the Psychology of Sport and Exercise • Physical Activity, Health and Wellbeing

Year 2 Biological Psychology • Cognitive Psychology • The Psychology of Sport, Exercise and Physical Activity: Theory and Application

Year 3 Advanced Issues in Individual Differences • Advanced Issues in Social Psychology • Issues in Physical Activity, Health and Wellbeing in the Life Course • Advanced Research Methods and Data Analysis: Final Year Project





Alumna overcomes challenges to inspire others

Keeley Taverner #IamBrunel

Psychology alumna Keeley Taverner found the route to success wasn't always straightforward but with persistence, training and support – she achieved her dream. Keeley's first job after graduation was at HMP Wormwood Scrubs as a substance misuse worker before becoming a probation officer, a role in which she served for eight years.

Keeley overcame obstacles in her personal life which gave her the determination to help and inspire others through counselling. After gaining a number of professional qualifications by May 2012, she registered her company, Key for Change, and saw her first client.

Key for Change helps people whose lives have become complicated by utilising a range of creative, traditional and contemporary methods to facilitate personal healing. Keeley has built a team of independently qualified, registered and experienced professional therapists who help people resolve emotional and psychological challenges.

"I came to Brunel at the age of 25 as a single mother juggling a part-time job. I always knew I wanted to help other people like me and felt that a degree in psychology would set me in the right direction. The advice I would give to the next generation of Brunel students is that you've got to believe in yourself and define your own dream. Remember, there is no failure, only feedback so don't give up and most importantly, keep the faith."

SPORT, HEALTH AND EXERCISE SCIENCES



brunel.ac.uk/sport-health-and-exercise-sciences



**Ranked
2nd in
London***

Whether you're passionate about sports science, or an aspiring athlete, and want to further your learning in this area – you can achieve your ambitions at Brunel.

Choosing to study sports science at Brunel gives you access to a broad range of programmes. This allows you to pursue your specialist interests, gain hands-on learning and work experience, and grants you access to some of the best teaching and sports facilities in the UK, including our modern physiology and biomechanics laboratories.

- **Sport, Health and Exercise Sciences BSc (Hons)**
- **Sport, Health and Exercise Sciences with Business Studies BSc (Hons)**
- **Sport, Health and Exercise Sciences (Physical Education, Coaching and Social Issues) BSc (Hons)**
- **Psychology (Sport, Health and Exercise) BSc (Hons) see page 188**
- **Life Sciences BSc (Hons) see page 170**

Study Sport, Health and Exercise Sciences at Brunel

Brunel's specialist degrees in Sport, Health and Exercise Sciences aim to advance your academic knowledge, develop independent learning skills, and promote curiosity and creativity, in preparation for an exciting career in the ever-growing world of sports science.

You'll be taught by our internationally-renowned academic staff who use a combination of innovative and traditional teaching and assessment methods designed to get the best out of you.

You can also broaden your communication, cultural and employability skills by studying abroad for a year at the prestigious San Francisco State University (please note this is available for selected undergraduate degrees only).

If you're a talented athlete coming to study at Brunel, you can apply for a sport scholarship, which includes help with your competition expenses, accommodation, mentoring and use of our sports facilities.

Careers and your future

Brunel prepares you for a whole range of careers related to sport, health and exercise sciences.

You'll benefit from a complete programme of personalised career support from your first term with us. We focus on getting you job-ready through activities including career development modules focused on improving your CV, interview skills and transferable skills.

You'll also have access to other career-focused activities such as inspirational talks from alumni, careers events, paid and volunteering opportunities with sport organisations and research work experience with academics.

*The Complete University Guide 2021



Our students benefit from Brunel's links with major organisations and undertake placements with Canon, West Ham United FC, Sutton Tennis Academy and the London Sports Trust to name a few. Our students have gone into careers such as coaching, fitness testing and training, sport development and sports management. Your passion for sport, health and exercise combined with our strong focus on 'job readiness' can open doors to a vast array of career opportunities.

Professor Costas Karageorghis, Divisional Lead for Sport, Health and Exercise Sciences

Sport, Health and Exercise Sciences BSc (Hons)

brunel.ac.uk/bsc-she



UCAS codes

C607 3 years full-time

C63P 3 years full-time with two summer placements

C609 4 years full-time with placement

Entry criteria

A-level BBC **BTEC** DDD **IB** 29 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

The Brunel Sport, Health and Exercise Sciences BSc is designed for students interested in learning how sports science can be used to optimise athletic development, sport performance, and also enhance health and wellbeing.

You'll learn how the human body works on physiological, biomechanical and psychological levels and how to apply this knowledge to training methods, mental techniques and nutritional strategies that will enable people to consistently perform at the upper ranges of their abilities.

Crucially, you'll gain insight into how the body and mind respond to the demands of sport and exercise.

Typical modules

Year 1 Fundamentals of Human Anatomy and Physiology • Introduction to Biomechanics • Introduction to Research Methods and Data Analysis

Year 2 The Application of Sport Science to Coaching: Working with Individuals • Physiology of Sport and Exercise • The Psychology of Sport, Exercise and Physical Activity: Theory and Application

Year 3 Advanced Research Methods and Data Analysis: Final Year Project

Optional: Employability and Professional Development • Issues in Physical Activity, Health and Wellbeing in the Life Course



I chose to study at Brunel as the course is flexible with a wide variety of study blocks to choose from. I am particularly enjoying the hands-on experience in the labs. My work placement with Access Sport on the Ignite and BMX Legacy programme has helped me to learn why people engage or disengage from physical activity and this complements my dissertation.

Phoebe, Sport, Health and Exercise Sciences BSc (Hons)



From Brunel to Brazil

Kate Richardson-Walsh #IamBrunel

Brunel Sports graduate Kate Richardson-Walsh, captain of Team GB Hockey Women's Team, won the first ever Olympic gold for the women's GB hockey team at Rio 2016.

In recognition of her achievements, Kate received the Order of the British Empire (OBE) in the New Year's Honours list 2017. She was also shortlisted for BBC Sports Personality of the Year 2016 following her penalty shoot-out victory in the Olympic final against the Netherlands.

Kate wasn't the only Brunel success story in Rio. Amber Luzar, who became performance analyst for England and GB Hockey in 2014 (just two years after graduating), was part of the background staff preparing the team for Olympic glory.

Amber credits her time at Brunel with helping her to develop the right skills to succeed in her career. She said: "A career in elite sport is difficult, but Brunel provided a learning environment to develop practitioners who could go on to lead expert athletes in major sporting events. You could learn from the best, with the best equipment that mirrored that used in the sporting arena."

Sport, Health and Exercise Sciences with Business Studies BSc (Hons)

brunel.ac.uk/bsc-sheb



UCAS codes

C6ND 3 years full-time

C6NG 3 years full-time with two summer placements

C6NC 4 years full-time with placement

Entry criteria

A-level BBC **BTEC** DDD **IB** 29 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

The Sport, Health and Exercise Sciences with Business Studies BSc is a popular joint honours programme that combines a strong foundation in the sciences behind sport and exercise with a thorough knowledge and understanding of the business world.

You'll learn how the human body works physiologically, biomechanically and psychologically. This knowledge can be applied to improve athletic development and performance as well as prevent injury.

The business element of your degree will focus on key business disciplines including management, organisational behaviour, marketing, change management, entrepreneurship and small business ventures.

Typical modules

Year 1 Fundamentals of Biomechanics • Organisational Behaviour and Analysis • Physical Activity, Health and Wellbeing • Principles and Practice of Marketing

Year 2 Developing Research Methods and Data Analysis Skills • Graduate and Transferable Skills • Physical Activity, Health and Wellbeing in the Life Course

Year 3 Advanced Research Methods and Data Analysis: Final Year Project

Optional: Entrepreneurship and Small Business Ventures • Gender and Organisations • Innovation and Knowledge Management

Sport, Health and Exercise Sciences (Physical Education, Coaching and Social Issues) BSc (Hons)

brunel.ac.uk/bsc-pecsd



UCAS codes

CX40 3 years full-time

CX41 3 years full-time with two summer placements

CX42 4 years full-time with placement

Entry criteria

A-level BBC **BTEC** DDD **IB** 29 points

IELTS 6.5 (min 5.5 in all areas)

For detailed entry criteria visit our web page

This Sports programme is designed for students who are interested in working in physical education or youth sport, developing sport in communities, helping individuals fulfil their potential in sport and health, as well as those seeking to gain a strong understanding and application of sports coaching principles and practices.

You'll critically explore the sociological, political, pedagogical and psychological factors that govern participation in physical education and sport, and how these relate to sports management, performance, physical activity, health and wellbeing.

Typical modules

Year 1 Fundamentals of Human Anatomy and Physiology • Physical Education Policy and Pedagogy • Sport Development Issues and Policy

Year 2 The Application of Sport Science to Coaching: Working with Individuals • Physical Education, Pedagogy and the Learning Environment • Social Issues in Sport

Year 3 Advanced Research Methods and Data Analysis: Final Year Project

Optional: The Application of Sport Science to Coaching: Working with Teams • Critical Pedagogy and Learning in Physical Education and Sport



All of the lectures and seminars are really engaging and interesting. The topics are explained very well and in-depth. The level of support provided by the tutors is also fantastic. They make you aware of their office hours and contact details at the end of every session in case you need extra help or have any questions.

Ellie, Physical Education with Youth Sport BSc (Hons)



Brunel's rugby trailblazer in France

Harrison Obatoyinbo #IamBrunel

Team Brunel's star full-back Harrison Obatoyinbo will be hoping to light-up France's top tier next season after signing a professional contract with three-time Heineken Cup champions, Toulon.

The pacey full-back scored nine tries in eleven matches for Team Brunel this season, and was expected to be lining up for the Greene King IPA Championship side Ealing Trailfinders next season after being recently promoted from the club's Academy to first team. Harrison will now be plying his trade on the other side of the Channel, however, after the French rugby giants, impressed by his recent performances, activated a release clause in his contract.

Harrison – who can play across the back three – joined Team Brunel last year as a member of the Trailfinders Rugby Academy, a sports scholarship programme run in partnership between Brunel University London and Ealing Trailfinders.

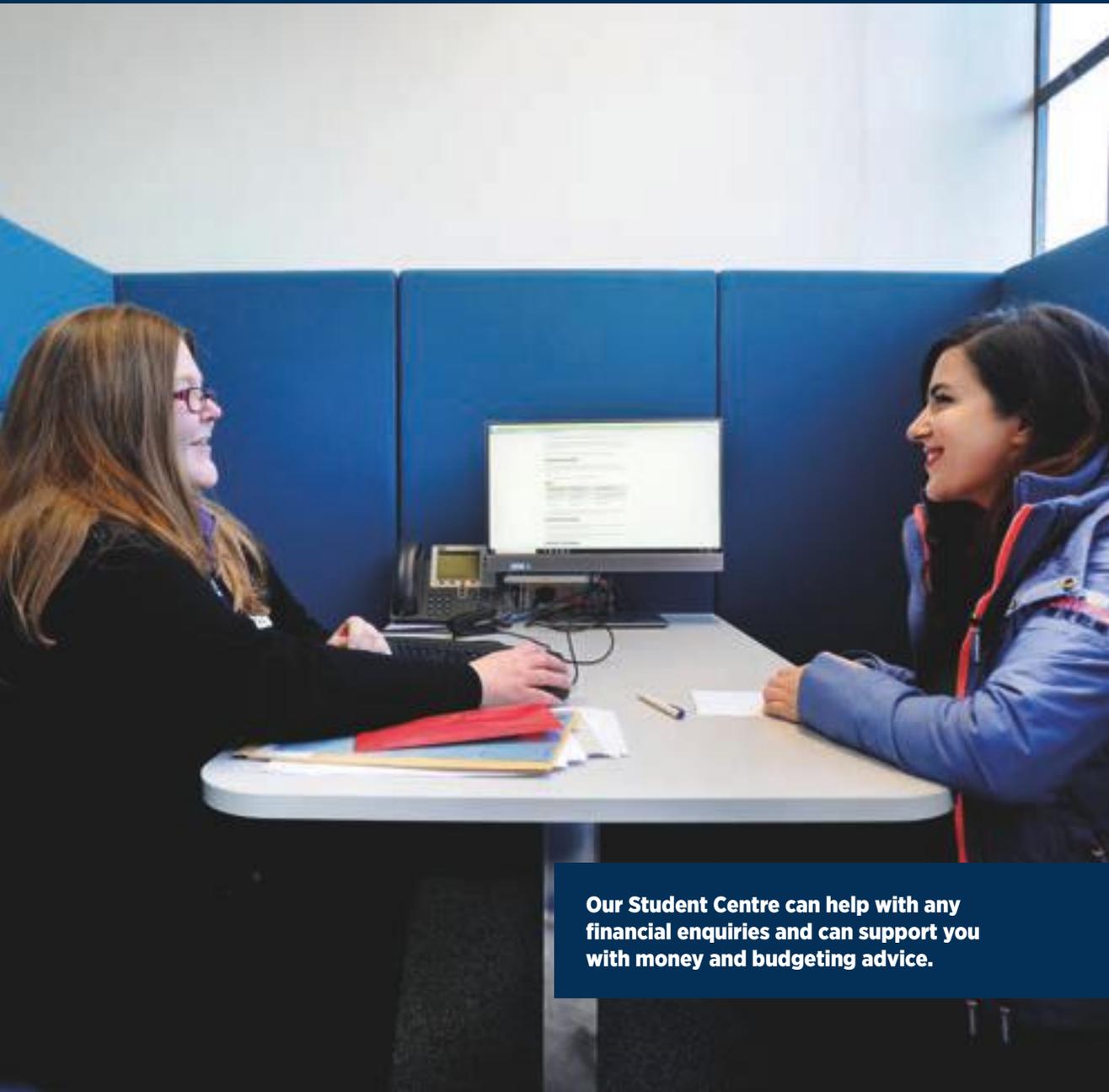
“The last twelve months with Ealing Trailfinders have been fantastic,” Harrison told the club's website. “They have a great rugby infrastructure and a genuine, supportive community of staff and players who have made me feel welcome and wanted”.

“Ealing Trailfinders is a great opportunity for young players with goals of being a professional. Thank you to everyone who has helped me to kick-start my career.”

Brunel University London and our partner Ealing Trailfinders have put together an impressive package of support for our elite rugby scholars. We provide world class coaching and facilities, professional support and a tailored sports curriculum. Our partnership offers the most comprehensive and professional package of support for women and men's university rugby in the UK. The rugby scholarship programme is tailored to enable you to combine high quality degree level studies and progress in the sport you love.

Find out more about the Ealing Trailfinders Rugby Scholarship Programme by visiting brunel.ac.uk/scholarships

FUNDING YOUR STUDY



Our Student Centre can help with any financial enquiries and can support you with money and budgeting advice.



Brunel has a strong reputation for design, innovation and industry links compared to many other universities so I felt it would be the best investment for my future as a designer. Brunel also gives me the opportunity to live close to one of the world's greatest cities and hubs for events. There's always something going on in London which keeps me inspired.

Azim, Brunel International Scholar, Product Design Engineering BSc (Hons)

You're about to make one of the most important decisions of your life. One that will shape your future. But don't worry, you don't need to go it alone – there's lots of funding options available to support you.

We're here to help too. Brunel offers more than 400 scholarships every year, including 370 for international students. These awards can go a long way to help you fund fees and living costs whilst you're studying. Our Job Shop is also on hand to support you in finding part-time work to help you earn some extra cash – a great way to also boost your CV.

Tuition fees

The fee you pay depends on several factors, such as your nationality and residency.

At the time of publication, fees for 2022 have not yet been confirmed. Please visit brunel.ac.uk/study/undergraduate-fees-and-funding for further information.

Whatever course you choose to study, you should also be prepared to pay some additional study-related costs for materials and equipment. You can check the relevant course web page for details.

Student finance

Depending on your circumstances, you could be eligible for financial support from the government. These packages include student loans that cover your tuition fees while you are studying.

Maintenance loans are available to full-time home students to help with the day to day costs of going to university. The amount you receive will depend on where you live during term time and where you decide to study.

You may also be eligible for additional money, for example if you're on a low income, are disabled or have children.

Tuition fees and maintenance loans must be paid back but you will only start to make repayments when you are earning above a certain amount per year.

You'll find details on the full range of government support offered at gov.uk/studentfinance

Living costs

You will also need to consider what budget you set for your living costs, which will include accommodation, clothes, food and your social life.

If you are an international student and require a Student visa to enter the UK to study, you must show you can afford your living costs each month. There is more information to help you with this at brunel.ac.uk/international/fees-and-funding

Working while you study

Taking up a part-time job is a great way to earn some extra money, as well as giving you valuable work experience and learning new skills.

Our Job Shop can help you find part-time opportunities on and off campus. You can find more details at brunel.ac.uk/jobshop

Scholarships

Brunel offers over 400 scholarships to our students every year.

Our scholarships and bursaries are based on a whole range of criteria, and many don't require an application. In the summer we will assess your grades and other eligibility criteria and automatically award a scholarship or bursary if found eligible.

Available scholarships include awards for academic excellence, sports and for different subjects and countries – as well as bursaries for those from low income households. Undergraduate applicants are reminded to consent to the sharing of household data submitted to the Student Loans Company (SLC). Without your consent Brunel cannot access your data (namely your household income) and assess your eligibility for a Bursary and you won't be awarded.

You'll find information about all available scholarships and bursaries, application details and all terms and conditions at brunel.ac.uk/scholarships

For enquiries about specific scholarships please email scholarships@brunel.ac.uk

UNDERGRADUATE APPLICATION CYCLE

1

UCAS Applications open

UCAS applications open at the end of May for registration only. At this point you can start searching for courses and research your areas of interest. On 1 September 2021, you'll be able to submit your application. The deadline to apply for most courses is 15 January, although check the UCAS website for information on the course you are interested in.

2

Complete and submit your application

Universities will decide whether to make you an offer, which will either be unconditional (if entry requirements are met) or conditional (if offer is based on exam results). If you submit your application by 15 January, you must respond to any offers you receive by early May (check UCAS for 2022 deadline dates).

3

UCAS Extra opens

If you have used all five choices earlier on in the cycle and don't receive any offers, or you decide to decline any offers you have received, you can use UCAS Extra to apply for more choices. Any applications received after 30 June are automatically entered into Clearing.

4

Confirmation of your offer

You can see the status of your application in UCAS Track and check if your place has been confirmed. If your choice is unconditional, the place is yours. If it is conditional, the university will update your status when they receive your results.

5

Clearing and Adjustment

If your application is unsuccessful, you can use Clearing to apply for more courses. If you do better than expected and exceed the conditions of your firm choice, you can look for an alternative course using Adjustment.

DEGREE AND COURSE STRUCTURE

Awards

Brunel University London awards the following first degrees:

- Bachelor of Engineering BEng
- Bachelor of Science BSc
- Bachelor of Arts BA
- Bachelor of Music BMus
- Bachelor of Laws LLB

Brunel also offers the following integrated master's degrees:

- Master of Engineering MEng
- Master of Mathematics MMath
- Master of Science MSci

We offer three courses for students who do not meet the standard criteria for Level 1 entry:

- Mathematics and Computing with an Integrated Foundation Year
- Engineering with an Integrated Foundation Year
- Economics and Mathematics with an Integrated Foundation Year

Brunel Pathway College also offers Foundation courses in a range of other subjects for students who do not meet the entry criteria. For more information see p.33

First degrees are usually awarded with honours and classified into first class, second class (with upper and lower divisions) or third class. You are admitted to the University on the expectation that you will achieve an honours degree. Some departments offer a less demanding ordinary degree course if your performance proves not to be of honours standard before the final year.

Course structure

Students following a three-year, full-time route will study for six academic terms, with a standard summer vacation.

Year	Level	Term 1 Sept-Dec	Term 2 Jan-Easter	Term 3 Easter-May	Summer June-Sept
1	1	Academic period 1	Academic period 1	Assessment	Summer vacation
2	2	Academic period 1	Academic period 1	Assessment	Summer vacation
3	3	Academic period 1	Academic period 1	Assessment	

Courses with a placement year follow a similar pattern but students spend certain periods on work placement, dependent on the course you are studying.

The three-part year

Brunel's course structure is based on three periods of study per year. There are two teaching terms of 12 weeks each, running from September to December and from January to Easter. There is then a third, shorter term for revision, examination and assessment.

Students who take a four-year placement course will spend a further period in either one or two work placements.

There are some exceptions to this. For example, students on Physiotherapy, Occupational Therapy and Specialist Community Public Health Nursing courses may take clinical work experience (see the individual course pages for details).

Part-time courses

Some degrees are available on a part-time basis. You'll find all the available modes of study listed on each course page. Part-time students normally take up to 80 credits per academic year, though this may vary according to your circumstances.

Joint honours degrees

Some subjects can be combined with a selected second subject to form a joint honours programme. You'll find details of possible combinations on the individual course pages in this prospectus and on our website. The proportion of credits you will be expected to attain in each subject is set out in the programme specification.

MODULE CHOICE

You select your study and modular blocks before the beginning of each level, and your tutor will advise you on the most appropriate options available, based on your interest. You can find module details for each course on the relevant pages within this prospectus. Up-to-date details can also be found within the programme specifications which are included on our online course pages.

Credits

All Brunel's courses are made up of study, assessment and modular blocks, each worth between 0-45 credits. The final year usually includes a major project worth up to 40 credits. Overall, you'll normally take at least 120 credits per year to complete a minimum of 360 credits for the award of an Honours Bachelor degree.

There are some exceptions:

- Placements attract 120 further credits, so you will complete at least 480 credits in total. This structure leads to a separate degree award title such as 'with Placement'. If this is relevant to the course you would like to study, you'll find details on the online course pages.
- Students taking an MEng, MMath or MSci qualification will study for a further fourth year, or Level 5. This year will include advanced modules and group projects and you must complete at least 120 further credits.
- If you do not complete your degree programme, you may still be eligible to achieve a recognised qualification, depending on the number of credits you do complete. Since each module has a credit value, Brunel is able to participate in national and international credit accumulation and transfer schemes.

Teaching

Our teaching and learning methods are designed to develop the transferable skills that will increase your employability.

Most study and modular blocks include formal lectures, seminars and tutorials. Courses in the applied sciences, health and engineering disciplines include substantial practical or laboratory-based activity, including individual or group project work.

Teaching methods are summarised on each course page. You'll also be expected to learn on your own in private study or in groups. You may also participate in external activities such as research projects with external agencies and companies or visits to and by professionals in your discipline.

Assessment

Each programme specification describes the learning outcomes for your course – what you are expected to know and what you should be able to do when you have completed it. Assessment methods are summarised on each course page.

We want to test both your knowledge and skills. Therefore many courses are assessed by a combination of continuous assessment, for example by essays, reports, practical reports and presentations; and end-of-year examinations. To progress from one level of a course to the next, you'll need to fulfil the requirements for each level.

If you are taking a placement course the Board of Examiners will also consider your performance on work placements. Professional practice in Education and Clinical Sciences degrees is also assessed.

Your final undergraduate degree award classification is usually determined by your results at years 2 and 3. For MEng, MMath and MSci courses, your performance at years 2, 3 and 5 will count towards your degree classification.



APPLYING TO BRUNEL

Applications for all full-time and placement first degree courses must be made online through the Universities and Colleges Admissions Service (UCAS).

Where can I apply?

You'll find all available courses listed on the UCAS website. You can apply for 2022 entry online as an individual or as part of your school or college. For more information and to apply for a course, visit ucas.com

When should I apply?

UCAS will start receiving applications from 1 September 2021 for entry in Autumn 2022. The normal closing date for submitting an application is 15 January 2022. Some applicants, especially from outside the UK, may find this deadline difficult. So you can still apply through UCAS up to the end of June. Universities and colleges may still consider your application but the most popular courses may already be full. If you apply after the end of June, you will automatically go into Clearing. This means your application will be considered if there are still vacancies on the course. In Clearing you contact the universities directly and then you add the choice on your UCAS account once you have received an offer.

How do I apply?

You may apply for up to five choices of institution or course on your UCAS form. You do not need to use all five choices if you don't want to. You can select your choices from any of the courses listed on the UCAS website and you may, for example, mix both degree and non-degree courses if appropriate. If you wish to apply for more than one course at Brunel, you'll have to make a separate entry for each choice. It is not possible to place your choices in order of preference and all your applications will be treated equally. You'll need to include the institution codes for your choices.

As well as choosing five institutions/courses, you need to complete seven other sections on the application: your personal details; additional information (for UK applicants only); student finance; your education history; your employment history; a personal statement; and a reference from the last educational institution you attended. If you need help or advice on your application, you can call the UCAS Customer Service Unit on **+44 (0)371 468 0 468**. For other contact details, including phone numbers for applicants with hearing difficulties, visit ucas.com/contact-us

What does it cost to apply?

It currently costs £25 to apply through UCAS or £20 if you apply for only one course. UCAS costs can vary each year. If you're applying through school or college, your teacher or lecturer will tell you whether you need to pay online with a card or bring in a cheque. If you're applying online as an individual, you can pay by credit or debit card.

How do I apply if I hope to be sponsored by my employer?

If you are employed in industry and hope to be sponsored by your employer to study on a course listed on the UCAS website, you must apply through UCAS in the normal way.

I have a disability – why should I disclose this?

We encourage all disabled students who apply to Brunel to disclose their disability when completing the UCAS form. This information is treated sensitively and only used to help us ensure our services and support can meet all students' needs. We also strongly advise students with disabilities to apply for Disabled Students' Allowances (DSA) prior to the start of their course.

I am a care leaver – why should I disclose this?

Brunel offers a range of bursaries for care leavers. If you are a care leaver, please tick the appropriate box on your UCAS form in order to be automatically considered for one of these. See page 197 for more information on Brunel scholarships.

I have a criminal record – can I still apply?

Having a criminal record will not necessarily bar you from studying with us. This will depend on the circumstances and background of your offences. For guidance notes for applicants who are ex-offenders, please see our Admissions Policy at: brunel.ac.uk/study/admissions/policy. Students applying for courses that involve regulated activity with children and/or vulnerable adults will be legally required to undertake a Disclosure and Barring Service check.

How do I apply for a part-time or non-degree course?

Applications are made online via a link on each course webpage: brunel.ac.uk/study

What offer will I be made?

Many applicants will have to gain qualifications before they can take up their place and the university will set the grades needed for a course. This is called a Conditional Offer. You may receive an Unconditional Offer if you have already achieved the qualifications for a particular course. Any conditions set for an offer of a place that are not based on A-levels taken in summer 2022 should be fulfilled by 6 August 2022. If you have any queries regarding this date, please contact the Admissions Office at: Tel: **01895 265 265** E: admissions@brunel.ac.uk

VISITING BRUNEL

Central London is only 40 minutes away from campus by tube, and it takes 20 minutes by car to reach us from Heathrow Airport.





Brunel is on a single campus in Uxbridge, west London. The campus is well connected to the rest of the UK, just a short drive from the M25, M4 and M40 motorways. Buses stop outside the main entrance to campus, connecting you to Uxbridge town and the rest of west London. Uxbridge is part of the London Underground network on the Metropolitan and Piccadilly lines.

At Brunel we are committed to sustainability. Our Travel Plan aims to reduce our carbon footprint by enabling our students to travel to the campus with less dependency on cars. You can work out the best route to campus and frequencies of services using Transport for London's journey planner: tfl.gov.uk/plan-a-journey

By underground

Uxbridge tube station is about one mile from Brunel's campus. You can get to Uxbridge from central London (Baker Street) on the Metropolitan Line or Piccadilly Line in as quick as 40 minutes. When you arrive at Uxbridge, leave the tube station from the exit on your right to get to the bus station. The bus takes 10 minutes; or you can walk to the campus in 20 minutes.

By bus

From Uxbridge tube station:

U3: Alight at Brunel University London, Cleveland Road.

U1, U4 and U7: Alight at Brunel University London, Kingston Lane.

222 and U5: Alight at Cowley Road and use the path through the university accommodation complex.

From West Drayton railway station:

U1: Alight at Brunel University London, Kingston Lane.

U3: Alight at Brunel University London, Cleveland Road.

222: Alight at Cowley Road and use the path through the university accommodation complex.

From Heathrow Central:

A10: 'Heathrow Fast' bus leaves every 15 minutes and the journey time is 25 minutes. Alight in Hillingdon Road at the bus stop called 'The Greenway' and you'll find the footpath to our campus.

From Stockley Park:

A10: 'Heathrow Fast' bus as above, with a journey time of 10 minutes.

Longer distance bus routes stopping at The Greenway just off campus:

427: From Acton and Ealing.

607: From Shepherd's Bush.

By train

Trains run from London Paddington or from Bristol to our local station in West Drayton. The train from Paddington takes 20–25 minutes. Catch the 222, U1 or U3 bus to campus.

By car

Free parking is available on campus for our Open Day events.

We have a limited number of pay-and-display spaces on campus for the Wednesday tours. Parking costs £1 per hour.

From the M4:

Leave the M4 at junction 4 on to Stockley Road. At the second roundabout turn right on to Park View Road. Then take the first left on to Colham Green Road. Go over a mini roundabout and continue to a second mini roundabout. Turn left here and continue past Hillingdon Hospital and across a set of traffic lights. At the roundabout, go straight on and take the first right into Kingston Lane. At the next roundabout, turn left into the university.

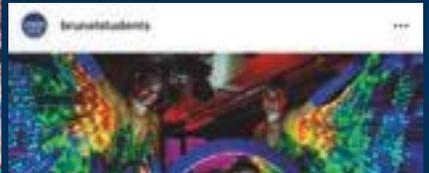
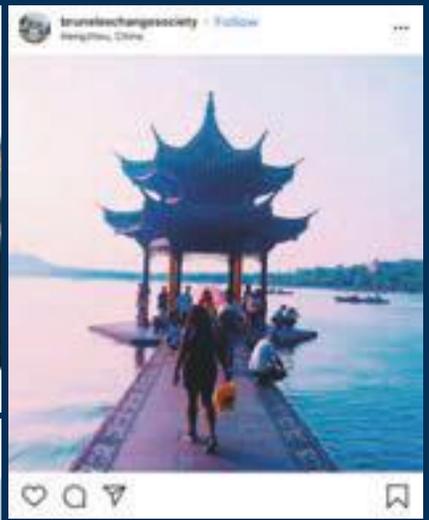
From the A40/M40:

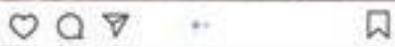
At Swakeleys roundabout take the B483 exit to Uxbridge. Follow the signs across two mini roundabouts. At a major roundabout, bear left on to the A4020 (signposted to Brunel); at the second set of traffic lights turn right into Kingston Lane. At the roundabout, turn right into the university.

From the M25:

From the North or the South, join M40 or M4 and follow instructions as above.

Connect with us





brunel_envbsc



bruneluni
Brunel University London



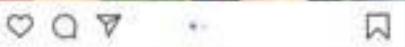
teessatbrunel
Brunel University London



brunel_rugby



bruneldigital



brunelracing



Osugi's Final Year Project is a superpowered sci-fi animation, called **COUNCIL**.

FUTURE PROOF



#DiscoverBrunel

INDEX

- A**
- Academic English 9
 - Academic Skills Service 9
 - Accommodation 20
 - Accountancy BSc 58
 - Accounting and Business Management BSc 44
 - Adjustment and Clearing 198, 201
 - Aerospace Engineering BEng/MEng 114
 - Anthropology BSc 40
 - Anthropology and Sociology BSc 41
 - Application cycle 198
 - Apply your mind 6
 - Applying to Brunel 201
 - Arts and culture 24
 - Automotive Engineering BEng/MEng 153
- B**
- Banking and Finance BSc 58
 - Biomedical Sciences BSc 158
 - Biomedical Sciences (Biochemistry) BSc 158
 - Biomedical Sciences (Genetics) BSc 159
 - Biomedical Sciences (Human Health) BSc 159
 - Biomedical Sciences (Immunology) BSc 160
 - Biological Sciences (for intercalated students) BSc 160
 - Brunel Business School 42
 - Brunel Medical School 162
 - Brunel+ 15
 - Bursaries 197
 - Business and Management BSc 44
 - Business Computing BSc 136
 - Business Computing (eBusiness) BSc 136
 - Business Computing (Human-Computer Interaction) BSc 137
 - Business Computing (Social Media) BSc 137
- C**
- Campus map 18
 - Campus tours Inside back cover
 - Care leavers 201
 - Careers development 14
 - Chemical Engineering BEng/MEng 124
 - Choosing your course 36
 - Civil Engineering BEng/MEng 128
 - Civil Engineering with Sustainability BEng/MEng 129
 - Clearing 198, 201
 - Communication and Media Studies BSc 50
 - Computer Science BSc 132
 - Computer Science (Artificial Intelligence) BSc 132
 - Computer Science (Digital Media and Games) BSc 133
 - Computer Science (Network Computing) BSc 133
 - Computer Science (Software Engineering) BSc 134
 - Computer Systems Engineering BEng 140
 - Connect with us 204, Inside back cover
 - Counselling 27
 - Course structure 199
 - Creative Writing BA 54
- D**
- Degree structure 199
 - Design BSc 118
 - Digital Design BSc 118
 - Directions to Brunel 203
 - Disabled Students' Allowances (DSA) 27
 - Discover Brunel 4
- E**
- Economics BSc 59
 - Economics and Accounting BSc 59
 - Economics and Business Finance BSc 60
 - Economics and Management BSc 60
 - Economics and Mathematics with an Integrated Foundation Year 61
 - Education BA 64
 - Electronic and Electrical Engineering BEng/MEng 140
 - Electronic and Electrical Engineering (Artificial Intelligence) BEng 142
 - Electronic and Electrical Engineering (Communication Systems) BEng 142
 - Electronic and Electrical Engineering (Computer Systems) BEng 143
 - Electronic and Electrical Engineering (Energy Systems) BEng 143
 - Engineering with an Integrated Foundation Year 154
 - English BA 68
 - English language classes for international students 9, 32
 - English language requirements 32
 - English with Creative Writing BA 68
 - Enquiries 208
 - Entrepreneur Hub 15
 - Entrepreneurship and Innovation BSc 45
 - Environmental Sciences BSc 168
 - Environmental Sciences MSci 168
 - Erasmus+ 35
 - Exchange Programme, international 35
 - Extra-curricular activities 24
- F**
- Faith and religion 27
 - Film and Television Studies BA 72
 - Film and Television Studies and English BA 72
 - Film Production BA 73
 - Film Production and Theatre BA 73
 - Finance and Accounting BSc 61
 - Financial Mathematics BSc/MMath 147
 - Foundation Programmes 33, 61, 149, 154, 199
 - Funding your study 196
- G**
- Games Design BA 76
 - Games Design and Creative Writing BA 76
 - Global Challenges (Global Innovation) BAsc 80
 - Global Challenges (Planetary Health) BAsc 80
 - Global Challenges (Security) BAsc 81
 - Global Challenges (Social Cohesion) BAsc 81
 - Global opportunities 35
 - Graduate Entry LLB 93
 - Gym 23
- H**
- Halls of residence 21
 - HeadStart 9
 - How to apply 201
 - How to find us 203
 - How you'll learn 8
 - Human Resource Management BSc 45
- I**
- Industrial Design BA 119
 - Inspirational teaching 10
 - International Business Management BSc 46
 - International community 28
 - International students 31
 - International Politics BSc 101
- J**
- Job Shop 14, 197
 - Journalism (Communication) 88
 - Journalism (Politics) BA 88
- L**
- Language Centre, Brunel 9, 32
 - Law LLB 92
 - Law with Criminal Justice LLB 92
 - Law with International Arbitration and Commercial Law LLB 93
 - Library 9
 - Life on our London campus 16
 - Life Sciences BSc 172
 - Living off-campus 21

M

Marketing Management BSc	46
Mathematics BSc/MMath	146
Mathematics and Computing with an Integrated Foundation Year	149
Mathematics and Statistics with Management BSc	148
Mathematics for Data Science BSc.....	148
Mathematics with Computer Science BSc.....	149
Mechanical Engineering BEng/MEng	152
Medicine MBBS.....	164
Meeting House.....	27
Mentoring.....	15
Military and International History BA	84
Modern History BA.....	84
Module choice.....	200
Music awards.....	25
Music BA.....	96
Music (Production) BA.....	96

N

Nursing (Adult) BSc.....	176
Nursing (Child Health) BSc.....	176
Nursing (Mental Health) BSc.....	177

O

Occupational Therapy BSc.....	180
Officers of the University	208
Open Days.....	Inside back cover

P

Partnerships	34
Pathways to undergraduate courses	33
Physiotherapy BSc.....	184
Placements	14
Politics BSc.....	100
Politics and History BSc.....	100
Politics and Sociology BSc	101
Product Design Engineering BSc.....	120
Professional Development Centre	14
Psychology BSc.....	188
Psychology (Sport, Health and Exercise) BSc.....	188

S

Scholarships	30, 197
Sociology BSc.....	104
Sociology (Media) BSc.....	104
Specialist Community Public Health Nursing BSc.....	177
Sports facilities.....	22
Sport scholarships.....	23
Sport, Health and Exercise Sciences BSc.....	192
Sport, Health and Exercise Sciences with Business Studies BSc..	194

Sport, Health and Exercise Sciences (Physical Education, Coaching and Social Issues) BSc.....	194
Sports Performance Programme.....	23
Start a business	15
Students' Union.....	26
Study Abroad.....	34
Summary of terms.....	208
Summer Schools.....	35
Supporting your study	9

T

Theatre BA.....	108
Theatre and Creative Writing BA.....	108
Theatre and English BA	110
Tuition fees	197

U

Union of Brunel Students.....	26
-------------------------------	----

V

Virtual tour.....	Inside back cover
Visiting Brunel	202
Visual Effects and Motion Graphics BSc.....	120
Volunteering.....	15

W

Welcome from the Vice-Chancellor and President	3
Work placements.....	14
Work while you study.....	14

Y

Your wellbeing.....	27
---------------------	----

#IamBrunel

We're proud of our students, and want to share their inspiring stories with you. You'll find some examples of these throughout this prospectus:

Ageing suits let students walk in grandad's slippers 185

Alumna overcomes challenges to inspire others..... 189

Alumna takes leap into world of business..... 115

Brunel alumni makes a splash in Music industry 97

Brunel's rugby trailblazer in France... 195

Demonstrating a commitment to the third sector community..... 109

Duo win Red Bull Basement with eco washing machine 121

From Brunel to Brazil 193

From Business degrees to life as an actor, entrepreneur and banker.... 47

Graduate's career takes thrilling turn..... 55

Hollywood calls for Brunel film project 51

Journalism students join world's media for election night special 89

Kirsty leads the way in engineering 155

Lending a helping hand 173

Occupational Therapy student travels the world and brings home medals..... 181

READY project helps tackle period poverty in Zambia..... 105

OFFICERS OF THE UNIVERSITY

Chancellor: Sir Richard Sykes

Chancellor Emeritus: The Rt Hon The Lord Wakeham

Pro-Chancellor: John Cridland CBE

Pro-Chancellor: Dr Jane Kelly

Vice-Chancellor and President: Professor Julia Buckingham CBE

Provost: Professor Rebecca Lingwood

Vice Provost (Students, Staff and Civic Engagement): Professor William Leahy

Vice Provost (Research): Professor Geoff Rodgers

Vice Provost (Education): Professor Mariann Rand-Weaver

Vice Provost (International and Academic Partnerships): Professor Trevor Hoey

ENQUIRIES

Admissions and enquiries

brunel.ac.uk/contact-admissions

+44 (0)1895 265599 (pre-application)

+44 (0)1895 265265 (post application)

Email us at enquiries@brunel.ac.uk

Clearing and Adjustment

brunel.ac.uk/clearing

clearing@brunel.ac.uk

The information in this prospectus is correct at the time of going to press. It is issued for the general guidance of students entering the University in September 2022 and does not form part of any contract. The University will use all reasonable endeavours to deliver the course of study in accordance with the description applied to it in the University's prospectus for the academic year in which you begin the programme. However, the University reserves the right to:

- make reasonable variations to the course (including, without limitation, the content and syllabus of the course, including changes to individual modules, the location of the course or the method of delivery of the course);
- discontinue the course or combine the course with another course, especially if it has insufficient numbers of students to be viable, if the University considers this reasonably necessary. If the University discontinues the course, it will use reasonable endeavours to provide you with a suitable alternative.

The University welcomes comments on its programmes from students' parents and sponsors. However, the University's contracts with its students do not confer benefits on third parties for the purposes of the Contracts (Rights of Third Parties) Act 1999. A full copy of our terms and conditions can be found on our website at brunel.ac.uk/about-this-website/the-student-contract

VISIT US

Open Days

Our Open Days are a fantastic opportunity for you to discover Brunel. Explore all aspects of university life, talk to our staff and students, and find out what Brunel has to offer.

To find out more about our next Open Day, please visit brunel.ac.uk/opendays

Campus Tours

Our campus tours give you the opportunity to explore our accommodation and facilities.

For more information and to make a booking, visit brunel.ac.uk/campustours



Virtual Tour

You can also explore Brunel online through our virtual tour. Visit brunel.ac.uk/virtualtour

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

 [@bruneluni](https://twitter.com/bruneluni)

 [bruneluni](https://www.instagram.com/bruneluni)

 [brunelcampus](https://www.snapchat.com/add/brunelcampus)

 [/bruneluniversity](https://www.youtube.com/bruneluniversity)

 [bruneluni](https://www.tiktok.com/bruneluni)

 [@bruneluniversity](https://discord.com/invite/bruneluniversity)

 伦敦布鲁内尔大学

#DiscoverBrunel

Brunel University London
Kingston Lane, Uxbridge,
Middlesex, UB8 3PH
Tel +44 (0)1895 274000

#DiscoverBrunel

brunel.ac.uk

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

 [@bruneluni](https://twitter.com/bruneluni)

 [bruneluni](https://www.instagram.com/bruneluni)