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Welcome

Brunel University London is an international university dedicated to education and research, relevant to the global economy, industry and society. We attract academics from around the world to teach our courses and lead our research programmes. From them, you'll discover new ways of thinking and solving problems, advance your knowledge and understanding of your discipline and develop your broader, transferable skills - all of which will help you build a successful career.

Our Graduate School provides tailored support to help you get the best out of your time at Brunel. It offers a variety of workshops including personal, professional and research skills development to complement your studies, alongside access to high quality online courses and resources. You'll have access to a 24/7 dedicated social space in the Graduate School, and the opportunity to meet members of the postgraduate community from all parts of the University.

It's important to us that you get the job you want when you leave university. Our Professional Development Centre is here to help you by developing the wide range of transferable skills and experience needed to stand out in the job market. There are many opportunities on offer to help you explore your career options, including expert careers advice, careers fairs, advice on business ideas, free language classes and support with finding professional placements and part-time work while you study.

We are proud of the strong community feel at Brunel. We are based on a single campus in west London, so you can live and work in one place, immersing yourself in our lively, cosmopolitan community while remaining within easy reach of central London.

We look forward to welcoming you to Brunel.

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



OUR INSPIRING LEARNING ENVIRONMENT

Research is at the heart of everything we do at Brunel and forms the foundation of our teaching. Whether you are a taught or research student, you'll work with leading academics who balance their teaching with research that progresses thinking in their specialist area. We are committed to outstanding excellence in interdisciplinary research and enterprise, and developing strong partnerships to meet the global challenges of the 21st century.

Our world leading research addresses some of the biggest challenges society faces today. New ideas are explored and innovative solutions are produced, as through our work we continue to increase our understanding of the world around us.

Our collaborative partnerships with industry and the public sector are driven by applied research and have placed us in the elite top 10% of universities for innovation and research partnerships.

Our research staff collaborate across departments within our three Colleges and in our three interdisciplinary Institutes, which tackle very specific challenges facing the world's economy and society.

Innovative learning and collaborative research

Academic excellence

Today, we offer more than 100 postgraduate courses and a wide range of research degrees. Internationally-recognised academics, many of them world-class in their field, lead our research programmes. Their work feeds directly into our teaching, providing students with the latest thinking, cutting-edge courses and an exceptional learning experience. This means our students can continue to combine academic excellence with the practical, entrepreneurial and imaginative approach pioneered by our namesake, the great British engineer Isambard Kingdom Brunel. We keep this original, pioneering mission at heart today.



World-class research

We are a top 40 university in England for the amount of quality-related research funding we receive. We have the 35th largest portfolio with the Engineering and Physical Sciences Research Council at over £33m and we are one of Innovate UK's top 10 Collaborative Research and Development partners. Our research achievements were highlighted by the most recent Research Excellence Framework (REF) in 2014, a system for assessing the quality of research in UK higher education institutions. For example, the REF rated Brunel among the UK's top 20 research producing universities and our Engineering and Design department was rated one of the biggest and best in London.



A collaborative approach

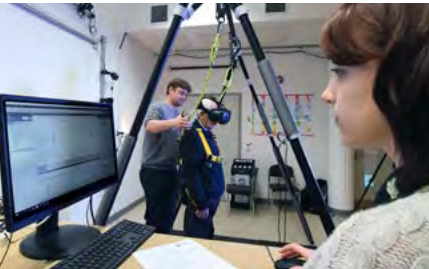
Our reputation for high-quality applied research attracts internationally-recognised academics who teach on our courses and lead our research programmes. You'll also benefit from our partnerships and research collaborations with industry, the public sector, business and government in the UK and overseas. For example, our exciting Co-Innovate programme, funded by Brunel and the European Regional Development Fund, supports 150 small and medium sized enterprises and gives our students industrial experience in real situations. In 2015, we joined forces with TWI Ltd to open the £33.6m National Structural Integrity Research Centre. Located near Cambridge, the centre houses more than 100 postgraduate Brunel students and provides the most up-to-date facilities for engineering and materials research in the UK.



Our world leading Research Institutes and Colleges

Research Institutes

Brunel has three Research Institutes that bring together academics from our research areas to collaboratively tackle very specific challenges to the world's economy and society. They are world leading, with highly-cited papers, substantial grant income and provide a thriving community for research students. www.brunel.ac.uk/research/institutes



Institute of Environment, Health and Societies

The Institute's research relates to the quality of our environment and to our health and wellbeing, and combines social, health and environmental sciences with engineering and design to enable exciting and innovative cross-disciplinary approaches.

There are six key themes of research:

- ▶ Ageing Studies
- ▶ Biomedical Engineering
- ▶ Environment and Health
- ▶ Health Economics
- ▶ Synthetic Biology
- ▶ Welfare, Health and Wellbeing



Institute of Energy Futures

The Institute has particular strengths in environmental design in refrigeration, heating and cooling, and disruptive energy and fuels - bringing together researchers from different disciplines as well as mainstream engineering research.

There are four key themes of research:

- ▶ Advanced Powertrain and Fuels
- ▶ Energy Efficient and Sustainable Technologies
- ▶ Smart Power Networks
- ▶ Resource Efficient Future Cities



Institute of Materials and Manufacturing

The aim of this Institute is to improve the performance of materials and structures and become the leading international provider of materials and manufacturing research.

The Institute offers research opportunities across five key themes:

- ▶ Design for Sustainable Manufacturing
- ▶ Liquid Metal Engineering
- ▶ Materials Characterisation and Processing
- ▶ Micro-Nano Manufacturing
- ▶ Structural Integrity

College Research Centres

Our three Colleges deliver world-class teaching that is informed by cutting-edge research and a vibrant research culture. Each College hosts their own research centres that promote interdisciplinary and high impact research. www.brunel.ac.uk/research/centres



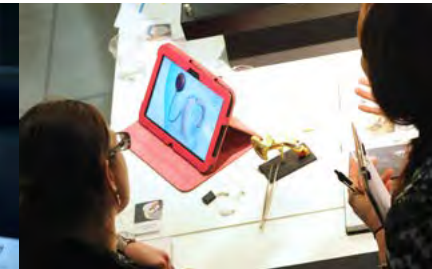
College of Business, Arts and Social Sciences

Research conducted in this College helps to change the lives of people around the world by bringing artistic, economic, social and cultural benefits.

Our interdisciplinary research brings together work from arts, humanities, social sciences and often the natural and physical sciences.

The College hosts two research centres:

- ▶ Entrepreneurship and Sustainability
- ▶ Global Lives



College of Engineering, Design and Physical Sciences

Our long-established partnerships with industry inform the relevance and direction of our impressive research portfolio.

We recorded the third largest research submission in engineering among London Universities in the Research Excellence Framework 2014 (REF). The REF also ranked our Department of Computer Science top in the UK for its research power.

Our four established research centres provide interdisciplinary and collaborative research platforms, which support and complement our work on global challenges in health, environment, energy and manufacturing.

The four research centres are:

- ▶ Big Data Analytics
- ▶ Autonomous Systems and Robotics
- ▶ Human-Centred Research
- ▶ Brunel Automotive Hub



College of Health and Life Sciences

Our vibrant research community works in areas such as cancer research, rehabilitation, health and wellbeing, human performance and psychology. Many College academics are also members of Brunel's Institute of Environment, Health and Societies.

The College hosts three research centres:

- ▶ Culture and Evolution
- ▶ Cognitive Neuroscience
- ▶ Human Performance, Exercise and Rehabilitation

“My project focuses on the relevance of liquid biopsies in ovarian cancer. Together with my supervisors we are developing a non-invasive test for ovarian cancer patients undergoing treatment, to measure therapeutic effectiveness. Our research has received instrumental backing from collaborating clinicians from the Mount Vernon Cancer Centre, and charitable organisations such as Cancer Treatment and Research Trust and GRACE: Global Resource for Advancing Cancer Education.”

Juhi Kumar, PhD Student, Department of Life Sciences



Research highlights

Here are some examples of recent work carried out in our Research Institutes and Colleges:



Automotive excellence

Our world-class Brunel Automotive hub delivers outstanding research through collaborative partnerships. We are helping to develop new transport technologies and addressing the challenges of producing cleaner, more efficient vehicles and fuels. This, along with integrated intelligent transport systems, will position the UK as a world leader in the field.



Environmentally sensitive lighting

Our FLEXOLIGHTING research project is developing environmentally sensitive systems to manufacture OLED lighting (organic light-emitting diodes). Funded by Horizon 2020 - the EU Framework Programme for Research and Innovation - the €4.3m project brings together some of Europe's most innovative SMEs and leading technology companies.



Breastfeeding saves money

The NHS could save more than £40m a year by increasing the length of time that mothers breastfeed, according to our Health Economics Research Group. The savings would come from a reduction in common childhood diseases and the risk of maternal breast cancer, which are both linked to low rates of breastfeeding. This is the first study of its kind in the UK.



Pioneering research in basalt-reinforced composites

Our researchers aim to use this study to design a new multi-material hybrid connector which will be, lighter, easier to assemble and enhance the lifespan of the mooring system. Critical for the success of all offshore floating renewable energy devices, the use of moorings enhances deployability, enabling deeper waters, closer to shore to be utilised with lower cost.



Expressions of oppression

Creative Interruptions: grassroots creativity, state structures and disconnection as a space for radical openness is an international project funded by the Arts and Humanities Research Council. It explores how disenfranchised communities have used cultural production to challenge inequality and oppression in mainland UK, Northern Ireland, Palestine and India.



Saving energy

EU Horizon 2020 awarded Brunel €4m to coordinate its Industrial Thermal Energy Recovery Conversion and Management (I-ThERM) project with 13 EU partners. The project is developing technologies and processes for efficient, cost-effective heat recovery from industrial facilities to reduce energy and greenhouse gas emissions by 15 per cent.

BRUNEL STORIES

Documenting pollution in our oceans

Brunel's Institute of Environment, Health and Societies has conducted world-leading research into the damage plastics can do to people and the planet. One area of research is plastic pollution in our oceans - collaborating with Plastic Oceans Foundation to advise on the science behind its feature-length documentary A Plastic Ocean.

Described by Sir David Attenborough as "one of the most important films of our time", it is an epic global adventure following a documentary filmmaker and a world record free-diver as they travel the Earth discovering the shocking impact plastic is having on our oceans and the marine animals that live there.

The Institute is currently forming a multidisciplinary plastics research group of ecotoxicologists, materials scientists and social scientists to drive solutions to the plastic problem by researching human attitudes and perceptions to plastic in the environment. Further research is looking into microplastics and their presence in biosolids - sludge from waste water treatment that is spread onto farmland as fertiliser. It has found the tiny fibres are prevalent on UK farms, and work will now take place to consider the significance of the finding, in collaboration with the water industry.

WINNER
Best Feature Film
Philadelphia Environmental
Film Festival
2017

WINNER
Ocean Impact Award
Berkshire Independent
Film Festival
2017

WINNER
Best of Festival
Blue Ocean Film Festival
2017

WINNER
Best Documentary
(Director's Choice)
Sedona International
Film Festival
2017

WINNER
Best Feature
Colorado Environmental
Film Festival
2017

WINNER
Stan Waterman Award
Princeton Environmental
Film Festival
2017

WINNER
Best Film - Ocean Environment
Waimea Ocean Film Festival
2017

PLASTIC OCEANS

WWW.PLASTICOCEANS.ORG



YOUR PROFESSIONAL DEVELOPMENT

At Brunel, we help you to develop your skills and prepare you for your future career as soon as you join us. We're proud of our reputation for producing graduates that are among the most employable in the UK, with 94% in a job or further education six months after they leave.

To help you prepare for employment and stand out in a competitive job market, we focus on developing the skills and experience that employers are looking for. Our Professional Development Centre will provide you with a varied programme of events throughout the year, from skills development to social events - all designed to develop your transferable skills and give you plenty of opportunities to network with your fellow students and meet potential employers. Our qualified team of career consultants will continue to work with you for up to three years after you graduate to help you identify potential career opportunities.

To further support your study, we provide first-class facilities to help you get the best out of your time with us. Our Graduate School provides a welcoming hub for all postgraduate students, offering skills workshops as well as 24/7 study and social spaces. You will also find a wealth of information resources at our library, which is open 24 hours a day during term time.

Professional Development Centre

There are more than 133,000 Brunel alumni working in 178 countries worldwide. Brunel graduates have gone on to become leaders at major companies including Barclays, Centrica and JP Morgan. Others have gone on to be judges, MPs and successful entrepreneurs.

Our alumni also include many household names in the arts and media industries, alongside Olympic, Paralympic, World and Commonwealth champions in a range of sports. By focusing on your professional development, we want to help you enjoy the same degree of success.

Our friendly and helpful teams can provide support and guidance in the following ways:

Develop your career

Brunel's team of careers consultants offer expert guidance and support to help you develop and achieve career objectives.

Within the Graduate School, careers consultants deliver a series of workshops specifically tailored to your needs. Each academic department has a designated careers consultant who is an expert in the careers relevant to your area of study. They offer one-to-one guidance, and this can be face to face, by email, phone or Skype.

We can help you to decide on or plan your career, make effective written applications and prepare for interviews and assessments. Careers consultants keep in regular

contact and inform you of any relevant vacancies, industry events, workshops or talks about individual postgraduate courses.

The careers department also organises an annual programme of industry-specific employer events, and careers fairs, enabling you to network and meet with employers in your chosen career areas.

Start a business

If you have an exciting business idea, our Innovation Hub can help you turn your vision into reality. You'll meet successful entrepreneurs and business mentors who are keen to support the next generation of entrepreneurs. Our Central Research Laboratory provides opportunities for graduates and alumni to develop their innovative products and technology ideas into new businesses. Based in Hayes, West London, the CRL programme supports entrepreneurs at every stage of their journey, providing mentoring and investment along the way.

We also run a Graduate Entrepreneur Scheme where international students can extend their stay in the UK for up to two years (with a Tier 1 visa) to start a business.

Work while you study

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 on and off campus. You might also be interested in applying to be one of our Student Ambassadors. You'll find more details at www.brunel.ac.uk/jobshop

Learn a new language

At Brunel, you can learn a new language for free. You can choose from Arabic, French, German, Italian, Japanese, Mandarin, Brazilian Portuguese, Russian and Spanish.

You'll be taught by experienced language teachers in a fun and stimulating environment. You'll have the opportunity to develop your listening, speaking, reading and writing skills over the course of 20 weeks. For further information, visit www.brunel.ac.uk/modern-languages

Placement support

A growing number of our postgraduate courses now offer you a work placement adding more value to your degree once you graduate.

Placements help you to gain the all-important hands-on industry experience that is directly relevant to your study. They give greater opportunity to apply the skills and knowledge you've learned in a professional environment.

You'll benefit from our vast range of contacts in industries of all sizes. We can support you throughout the application process, including preparing you for interviews to help you secure the placement that is right for you.

Please note not all postgraduate courses offer placements, please visit www.brunel.ac.uk/placements for more information.

▶▶▶ Brunel graduates are among the most employable in the UK, with 94% in a job or further education six months after they leave. ▶▶▶



Supporting your study



Brunel Graduate School

Our Graduate School aims to provide you with services and support to improve your experience of postgraduate life and to help you develop the skills you need to succeed in your programme and in your future career. Our friendly team are available to help you with queries throughout your time with us and we organise regular social events to help you make friends on campus and grow your network. www.brunel.ac.uk/graduateschool

Master's students

Stepping up to a master's degree requires a new set of skills especially working on your dissertation. All taught postgraduate students have the chance to join our skills development workshops and networking events. You'll pick up useful tips on every aspect of researching, planning and writing a successful master's dissertation - our Dissertation Week is a particularly popular event.

We also deliver regular workshops in collaboration with Brunel's careers team on topics such as CV writing and job interviews. We offer a one week laptop loan service to help with that last minute essay crisis or dissertation presentation.

Doctoral research students

Our Researcher Development Programme offers a comprehensive set of workshops which aim to help support you to develop the skills you need to:

- ▶ Do your research successfully (e.g. research skills, project management skills)
- ▶ Disseminate your research effectively (through academic publication, teaching, public engagement, etc.)

- ▶ Develop your career (considering a wide range of career options including industry, policy, third sector, academia)

Our programme is aligned to the national Researcher Development Framework endorsed by UK Research and Innovation (UKRI) and the Quality Assurance Agency.

As well as our programme of regular workshops, we also offer an annual programme of one-day events for each stage of the PhD.

We run several annual research events which provide an opportunity to gain practical presentation experience and practice your networking skills. These include the three-minute thesis competition and the research student poster conference. We also offer postgraduate research prizes to recognise exceptional academic performance and our travel prizes enable students to present their work at external conferences.

Improve your skills online

To help you develop your skills in research, enterprise, research integrity, statistics and leadership, we offer a range of practical online courses.

The Library

The Library, part of Information Services, contains an up to date collection of electronic and print books, and thousands of academic and professional journals. Other resources include financial data (e.g. Bloomberg) standards (e.g. British Standards Online) and a comprehensive online and physical law library.

See the full list of databases to learn about the breadth of information available www.brunel.ac.uk/library

The Library caters for varied needs, from group work to silent study, and provides an area designated for postgraduate study during term time. The numerous PC workstations and the wifi network are supplemented by laptops available for loan. Other loan services, such as for media equipment, are also provided by Information Services.

Academic Liaison Librarians work with departments to ensure the Library collections and services meet students' needs. Refer to guidance online and via the Virtual

Learning Environment, attend training delivered in your modules, and centrally in the LibSmart programme. Topics include searching for literature, referencing and using industry standard databases. Appointments and drop-ins are available for further help.

The Scholarly Communication Office supports staff and students throughout the research lifecycle, advising on meeting funder and University open access requirements, copyright, and the wide circulation of outputs - including PhD theses and data - for maximum visibility in the University's research archives.

Special Collections contains unique and distinctive research resources of archives and printed books. Our collections are particularly strong in 19th and 20th century and later history, particularly relating to the working class, railway history and poetry and dialect.





LIFE ON OUR LONDON CAMPUS

Brunel attracts students and staff from around the world who live and work together as members of our single London campus community. Our campus is beautifully maintained, set within leafy surroundings, and our excellent facilities give our students a safe and welcoming setting to study and thrive.

With everything within a 10-minute walk, the campus provides all you need in one place. You'll find all the essentials including shops, a medical centre, bank and a pharmacy. Our regular market offers street food, fresh fruit and vegetables, bread and home-made cakes. You're never far from a place to sit down and catch up with friends, with plenty of cafés on site, including Costa and Starbucks. There is also a range of eateries to help fuel you through the day, including The Junction, offering a variety of world food cuisines, and Izzi's, our pizza emporium.

You'll also find world-class sports facilities, a diverse arts centre, an active Students' Union and multi-faith facilities.

Internationalism is reflected within the heart of our campus life. We celebrate cultural events and festivals throughout the year to showcase Brunel's diverse community.

We're also well connected. The town of Uxbridge is a short walk away where you'll find a host of shops, a multi-screen cinema and dozens of bars and restaurants. The hustle and bustle of city life is right on your doorstep too, with central London only 40 minutes away by tube and Heathrow Airport just six miles away.



Your new home

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 2019 who meet their course conditions and apply for a room by 29 August 2019. If your course starts at another time of the year, then we'll prioritise your application for a room on campus during the following months. You'll find up-to-date details on our website.

We guarantee international students campus accommodation for each year of their studies. Students must still apply by the stated deadlines and are subject to the usual contract end dates. Visit www.brunel.ac.uk/international for more information.

Our halls

We have transformed many of our halls of residence in recent years as part of a £300million investment programme so 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 student mentors 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 2018 as a guide, and 2019 costs will be added nearer the time.

The website also includes details of the application process. www.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.

▶▶▶ Take a 360 degree look around our halls of residence for yourself at www.brunel.ac.uk/virtualtour ▶▶▶

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. Visit www.brunel.ac.uk/lettings 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 Welcome Week and beyond.

Our dynamic sports community

There's a huge choice of sport at Brunel, whether you play at the highest competitive levels or enjoy it for fitness and fun. Our sports facilities rank amongst the best in the UK and are used by some of the world's top athletes, including Usain Bolt and Yohan Blake.

Free sports clubs

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 £33. So there's no better time to try your hand at something new, such as American football, cheerleading, rock climbing or snowboarding. 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.

▶▶▶ Our sports activities have become more accessible than ever. You can join one of our 50 sports clubs for free with Team Brunel. ▶▶▶

Facilities

Our facilities include an impressive 132-metres long indoor sprint track which also boasts a long jump pit, high jump and pole vault areas. It also includes a Judo matted area and dedicated weightlifting platforms, a multi-purpose weight training area and a sports massage / physiotherapy room.

If gym is your thing, our More Energy 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, certified to IAAF standard, a full-size football pitch and rugby pitch to international standard. Our neighbouring playing fields are a further extension to the Sports Park facilities with four highly maintained football pitches and two further rugby pitches. Our outdoor facilities also include a 3G pitch, a multi-use pitch, 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 in key sports such as athletics, futsal, football, netball, rugby league/union and basketball. The programme gives you access to elite strength and conditioning facilities, extra coaching, fitness sessions and physiotherapy.

Sports scholarships

As well as free use of the sports facilities, we offer our top sports students scholarships that help with competition expenses, accommodation and mentoring. For more details please visit www.brunel.ac.uk/sportscholarships



Our lively arts 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. You can find more information at www.brunel.ac.uk/arts

▶▶▶ This cultural backdrop to your studies is a great opportunity for you to get involved and feel inspired. ▶▶▶

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, digital photography, oil painting, life drawing, pottery and guitar groups.

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



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 also put yourself centre stage or work behind the scenes with our technical production team. Our latest production, the musical comedy whodunit *Curtains* by Rupert Holmes was staged in our Antonin Artaud Theatre.



Music awards

Every year we make 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. For full details please visit Brunel Arts' webpages.



Students' Union

The Union of Brunel Students is the heart of campus life, enhancing your time at University. It's your support network, friend, and window to countless opportunities.



Your Union

The Union is a charity that is led by students for students and you automatically become a member of the Union when they enrol at Brunel, so there's no extra fuss to join the family. They are committed to voicing student opinions and crafting the best experience for each and every student. The Union organises events and entertainment, facilitates clubs and societies, enables debates on key issues, and is there to give you advice and support throughout your student journey. They offer growth and development opportunities for all, in addition to encouraging students to launch their own events and businesses with their support.

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. They work alongside the University's support departments to help you resolve your issues as efficiently as possible.

Clubs and societies

There are over 150 clubs and societies for you to get involved in at Brunel. They have everything from the Zombie Society or Lacrosse to subject specific groups where you can socialise with students from your course. The Postgraduate Research society is specifically for Postgraduate students to help you develop your ideas and they regularly hold social events.

Social

From the campus bar Loco's to the Academy nightclub, there's something for everyone to enjoy. Loco's has everything you could want from a student bar: pool tables, comfy sofas, deliciously inexpensive menu and legendary karaoke nights in addition to other regular student favourites.

The Union hold a weekly Friday club night called Global, in addition to regular other club nights which are hosted by students.

NUS discounts

The Union is affiliated with NUS, meaning you can purchase a 1 or 3-year NUS Extra card; giving you access to hundreds of discounts and offers at shops, restaurants and retailers across the country. You can get your card online or at the Union reception in the Hamilton building.

www.brunelstudents.com

“The Union of Brunel Students is a representative body for all Brunel Students. The Union aims to enhance student experience by providing independent representation, welfare services, sporting and social facilities, and by creating opportunities for development within the Union, University and the local community. The role of the Vice-President Postgraduate is to represent all Postgraduate Taught and Research students at Brunel.”

Radya Hussien, Vice President for Postgraduate Students at the Union of Brunel Students



Your wellbeing

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 our support is available through one point of access so that we can help you identify which service is best for your individual needs.

Faith and religion

The Chaplaincy is both a place and a team of people. 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 the Christian, Muslim and Hindu faiths are available throughout the week.

Student wellbeing

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

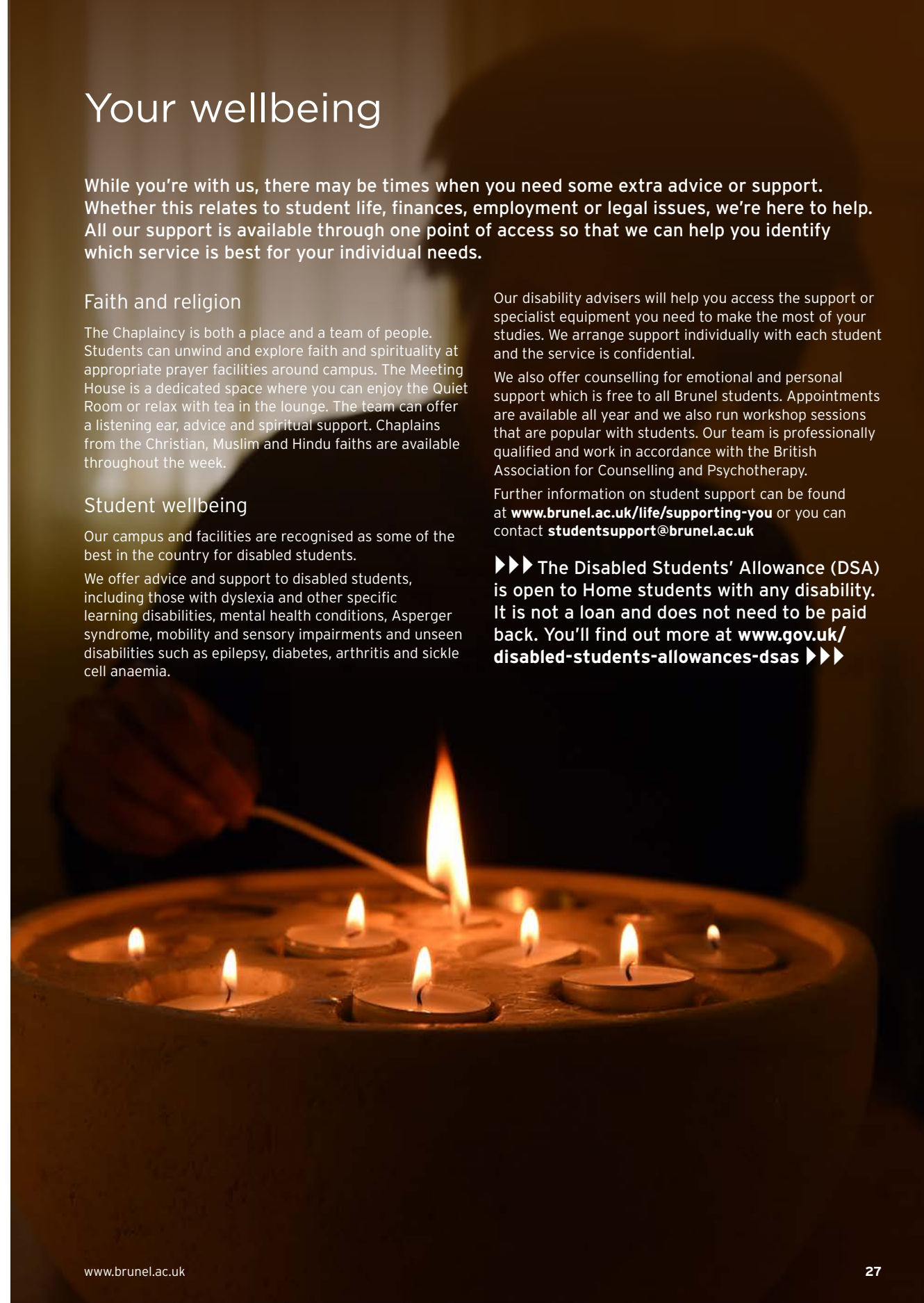
We offer advice and support to disabled students, including those with dyslexia and other specific learning disabilities, mental health conditions, Asperger syndrome, mobility and sensory impairments and unseen disabilities such as epilepsy, diabetes, arthritis and sickle cell anaemia.

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.

We also offer counselling for emotional and personal support which is free to all Brunel students. Appointments are available all year and we also run workshop sessions that are popular with students. Our team is professionally qualified and work in accordance with the British Association for Counselling and Psychotherapy.

Further information on student support can be found at www.brunel.ac.uk/life/supporting-you or you can contact studentsupport@brunel.ac.uk

▶▶▶ 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 www.gov.uk/disabled-students-allowances-dsas ▶▶▶



Our one London campus



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 Chepstow Hall of Residence for postgraduate students.

3 Some great athletes have trained at our impressive Indoor Athletics Centre.

4 Eastern Gateway Building at the campus entrance is where you'll find the main reception.

5 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.

6 Our More Energy Fitness Centre offers you state-of-the-art cardiovascular machines.

7 Brunel's Accommodation Office

8 The Medical Centre provides general medical services for students living within the catchment area.

9 The Antonin Artaud Theatre provides a creative space for performance and rehearsals.

10 Our iconic Lecture Centre is the main teaching hub.

11 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.

12 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.

13 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 Broosters - our go-to chicken restaurant.

14 The Union of Brunel Students with its Loco's Bar and Academy nightclub are housed in the Hamilton Centre.

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 Prayer facilities are available in the Isambard Complex and the Meeting House.

17 The Isambard Complex Halls of Residence for postgraduate students.

▶▶▶ Visit us or take a look around campus on our virtual tour at www.brunel.ac.uk/virtualtour ▶▶▶



OUR INTERNATIONAL COMMUNITY

Each year we welcome students from around the world to Brunel. We host more than 1,400 international postgraduate students from 110 countries worldwide - from Argentina to Zimbabwe.

Brunel is a vibrant, multi-cultural community. International students have the opportunity to work collaboratively, discover how different cultures address global issues and apply what you learn straight into the workplace.

You'll live and learn on a modern and secure campus with all the essential facilities within walking distance. We offer a wide range of contemporary and comfortable rooms so that you can live on campus and enjoy the best of Brunel.

Activities and social events are at the heart of campus life. There are a range of international societies, academic societies and an exciting calendar of on-campus cultural activities for you to enjoy at Brunel. We're here to help. Our on-campus Brunel Language Centre supports international students before and during your degree to help improve your academic English and be successful at postgraduate level.

We have everything in place for you to make the most of your time at Brunel.

International students

At Brunel, our international students learn in a supportive environment renowned for research-led teaching, strong practical learning and state-of-the-art facilities. You'll benefit from a range of services and support that will help you thrive academically.

Applying to Brunel

Applications should be made online through the Brunel University London website. You can find details on the application process on page 40 for postgraduate taught and page 46 for postgraduate research.

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 events visit www.brunel.ac.uk/international/events-in-your-country

Scholarships

We offer around 100 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 on page 51.

English language support

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 Brunel Language Centre is ranked among the top three university language centres in the UK and is accredited by the British Council. Depending on your needs, choose from over a dozen different courses, with options ranging from 6 to 50 weeks. Learn more at www.brunel.ac.uk/international/english



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.

“When I arrived at Brunel I found the support services, registration and accommodation teams really helpful. They gave me lots of useful information and the practical advice I needed to help me settle in quickly and start enjoying university life.”

Miray Titiane Razanajatovo, Public Health and Promotion MSc

Orientation Programme

We run a three-day Orientation Programme and Airport Welcome Service from Heathrow before the start of the academic year. This free 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 enrol onto your course.

Social life

Brunel has a lively, multicultural atmosphere and a strong sense of community. Activities and social events are at the heart of our campus life. We organise an exciting calendar of on-campus cultural and engaging activities for students. There are 46 cultural, faith, belief and worldview societies and 18 different academic societies to get involved in.

Every year the university and the Union of Brunel Students host and support a range of events and festivals to celebrate our diverse community.

Accommodation

All new postgraduate students are guaranteed on campus accommodation for the duration of your course. All you need to do is meet your course conditions and apply for a campus room by 30 August 2019.

Brunel has over 4,500 modern, comfortable and safe rooms on campus with accommodation options for single occupants and co-habiting couples.

Our halls of residence have an electronic door entry system and CCTV and, for peace of mind, we have a 24-hour security team on site.

If you prefer to live off campus or if you are bringing your family, our off-campus accommodation team can support you with finding suitable housing. We strongly advise you to arrange accommodation before arriving at Brunel. You'll find more details on page 21.



Pre-master's courses for international students

If you don't meet the entry requirements to study certain postgraduate courses at Brunel, you will be offered the opportunity to study a pre-master's course.

Minimum 15 years' education

Stage 1
Pre-master's

Stage 2
Master's

Exclusively for international and EU students, our pre-master's courses prepare you for postgraduate study at Brunel. 97% of pre-master's course graduates go on to complete a Brunel postgraduate degree and embark on successful careers in some of the world's top companies. We offer pre-master's courses in: Arts, Business, Computing/Computer Science, Business and Management, Engineering and Design, Environmental Science and Sustainability Law.

Start dates and mode of study

(One semester is equivalent to three months)

- ▶ January, full-time (one semester plus six weeks work placement)
- ▶ May, full-time (one semester)
- ▶ September, full-time (one semester)

Fees*

- ▶ Pre-master's course: £8,200
- ▶ Pre-master's course including a work placement: £9,200

* Fees indicated are for International and EU students only for September 2018. Fees are subject to change in 2019.

How to apply

You can apply online at www.lbic.navitas.com/apply

What it's like to study a pre-master's course

- ▶ Taught on our campus, your class sizes will be smaller. You'll receive additional help and support to ensure a smooth transition to the next stage of your studies
- ▶ Your modules are designed in partnership with Brunel academic staff, giving you the knowledge and skills to prepare you for your degree
- ▶ You'll have access to all university services and facilities
- ▶ You'll receive pre-departure advice and you'll have the opportunity to take part in the pre-master's Orientation programme and Airport Pick-Up helping you settle into your new life in London

"Studying my pre-master's course has really helped me understand the UK education system. I've really benefited from this programme's small class sizes, one-to-one tutor support and help with creating project work and writing academic essays which helped me achieve my desired grades."



"My pre-master's course has given me the opportunity to progress onto the Business Intelligence and Social Media MSc at Brunel and get a step closer to my dream job - a Social Media guru."

Nattaya Deevorakit, Pre-master's graduate in Business and Management





POSTGRADUATE TAUGHT COURSES

Postgraduate study will take your learning to a higher academic level. You'll learn and work with some of our world-renowned academics, develop a specialist understanding of your field and build your skills to develop your career.

At Brunel we offer more than 100 taught master's degrees in traditional subjects such as Business, Engineering and Law as well as contemporary courses that include Games Design and Creative Writing.

Our taught courses lead to the following qualifications:

- ▶ Master of Arts (MA)
- ▶ Master of Science (MSc)
- ▶ Master of Business Administration (MBA)
- ▶ Master of Research (MRes)
- ▶ Master of Laws (LLM)

Many of our master's degrees feature work-based learning opportunities, accreditation and exemptions from professional examinations. We continually refine and update our courses to prepare you for the latest challenges and opportunities in the workplace.

The MRes degree can be taken either as a stand-alone Master's taught course or as the foundation year for PhD study. It combines advanced subject tuition with advanced training in methodological, analytical and research skills.

You'll find details on all our postgraduate taught courses at www.brunel.ac.uk/pgcourses

Approaches to study

Postgraduate Taught courses

Flexible approaches to study

Most master’s courses are available on a full-time or part-time basis. Some may also be studied by distance-learning, which means you undertake most of your study away from the university. More flexible modes of study are available in some areas – you should check with your department on the arrangements for your particular course.

Some of our master’s degrees can be taken in a shorter form, by omitting the dissertation or some of the taught modules. These shorter courses are postgraduate certificates and postgraduate diplomas.

If you’d like to test the water of postgraduate study before jumping in or follow up an interest without committing yourself to a full master’s degree, our Associate Student scheme could be for you. You can choose from over 100 modules. If you decide to register formally for a master’s degree or intermediate award at a later date, you can take with you whatever credits you have accumulated.

Programme start dates

Full-time courses start at the end of September and last approximately one year. There are a few courses that also start in January.

Part-time courses last a minimum of two years and usually involve attendance at the university on one day a week, though some may differ.

Programme structure

Master’s courses are made up of modules and a dissertation worth a set number of credits. A full master’s degree represents 180 credits: around 120 are for the course modules and around 60 for the dissertation. If you decide to take a shorter course, a postgraduate certificate requires 60 credits and a postgraduate diploma requires 120 credits.

Usually you can expect to complete the taught modules during the first two-thirds of your course and concentrate on the dissertation for the final third, although some master’s courses have a different structure to this.

You can expect some lectures, seminars and small-group teaching. Students in technology or science-based disciplines will have some laboratory-based and practical components.



Your dissertation

You must complete a written dissertation (usually between 10,000 and 15,000 words) during the final third of your course. The dissertation represents a detailed piece of research carried out by you, with supervision by a course tutor.

You will be expected to work independently and to demonstrate sufficient mastery of your chosen topic. We also want to see you demonstrate your ability to organise and present the material.

Entry requirements

We normally expect you to hold a first degree from a UK university or a recognised equivalent UK or overseas qualification. We will consider candidates with other qualifications, such as extensive relevant work experience or professional qualifications, on an individual basis. Our entry criteria are subject to review and change each academic year. The full entry criteria for each course are available on our online course pages. International students also have the opportunity to enter at pre-master’s level, please see page 32 for more details.

Webinars

If you’ve applied for one of our courses, or you are still considering your application to Brunel, our webinars can offer you further insight into studying at Brunel. Booking is simple and you’ll find the latest dates at: www.brunel.ac.uk/webinars

English language entry requirements

All our courses have an English language requirement. International and EU students must show evidence that they meet the English requirement for their course. We accept a wide range of English language qualifications. The table below shows the most widely used tests and their equivalencies.

English language test	Pre-sessional English only	Pre-sessional English/London Brunel International College (LBIC)/direct entry			
IELTS	5.5 (minimum 5.5 in all subscores)	6 (minimum 5.5 in all subscores)	6.5 (minimum 6.0 in all subscores)	7 (minimum 6.0 in all subscores)	7.5 (minimum 7.0 in all subscores)
Brunel English Language Test (BrunELT)	See information on Pre-sessional courses below.	60% (minimum 55%)	65% (minimum 60%)	70% (minimum 60%)	75% (minimum 70%)
Pearson Test of English (PTE)	n/a	51 (minimum 51 in all subscores)	58 (minimum 51 in all subscores)	64 (minimum 58 in all subscores)	73 (minimum 66 in all subscores)
International GCSE	Grade C	Grade C	Grade C	Grade C	Grade C
International Baccalaureate (Standard B)	n/a	5	5	5	5
International Baccalaureate (Higher A, Higher B, Standard A)	n/a	4	4	4	4
Michigan English Language Assessment Battery (MELAB)	n/a	83% or above	90% or above	90% or above	90% or above
Michigan Examination for the Certificate of Proficiency in English (ECPE)	n/a	Pass	Honours	Honours	Honours

Pre-sessional courses

If you need a certain standard of English for your academic course, we have Pre-sessional English courses available throughout the year. Depending on your needs, choose from over a dozen different courses, with options ranging from 6 to 50 weeks. www.brunel.ac.uk/international/english

How to apply

1

Choose your course

To help you decide which course to study, you can search using our online course finder, www.brunel.ac.uk/study, or you can explore our website and find out more via the subject areas, www.brunel.ac.uk/subjects.

2

Check entry requirements and application deadlines

The full entry criteria for each course are available on our online course pages. If your first language is not English, you will also need to demonstrate you meet the required level of English language proficiency for the course you are applying to.

In most cases, applications can be made throughout the year, although some courses may have earlier application deadlines. It is worthwhile applying as early as possible as popular courses often fill up quickly.

3

Consider your funding options

Our tuition fees are listed on our course pages.

Find out more about fees and funding, and the Scholarships and Bursaries Brunel offer on page 49.

4

Complete your application

You can apply for one of our courses using our online portal. You'll find the application form on the relevant course page.

When you access the system, simply follow the online instructions. You can save your progress and update as many times as you like before you submit your final application.

Make sure you have attached all relevant supporting documents and checked everything before submitting.

Applications for teacher training PGCE courses and the Social Work MA should be made online via www.ucas.com

5

After you have applied

As soon as you've applied, we'll send you an email to acknowledge we have received it. We'll also send you details on how you can track the progress of your application on our online portal. Here you will also be able to check your details are correct and upload additional supporting documents.

We may ask you to attend an interview before we make a decision on your application. More details are available at: www.brunel.ac.uk/apply-pgt





POSTGRADUATE RESEARCH

Research is at the heart of Brunel's academic activities and we provide research opportunities in many fields of study. You can undertake your PhD or MPhil in one of the 15 interdisciplinary themes of research in our Institutes; you can work alongside researchers in our College research areas; or you can follow one of our many subject routes.

Brunel offers a range of research programmes:

- ▶ Doctor of Philosophy (PhD)
- ▶ Brunel Integrated PhD (four-year PhD programme with integrated PG Diploma)
- ▶ Doctor of Education (EdD)
- ▶ Master of Philosophy (MPhil)
- ▶ Master of Law by Research (LLM)

You'll find more details about all of our research opportunities at www.brunel.ac.uk/researchdegrees

Approaches to study Postgraduate Research

Flexible approaches to study

A doctoral programme usually takes three years if you study full-time and up to six years part-time. A full-time MPhil usually takes one to two years.

Part-time study is recommended for students who may need to undertake work during their studies to meet fees and maintenance costs or who have other constraints on their time and resources.

Programme start dates

Our main start dates are in October and January allowing you to benefit from the research methods study blocks, campus activities and support provided at the start of a new academic term. Applicants with start date restrictions may be able to start at other times throughout the year.

Programme structure

In the first part of your study you will be expected to develop your research proposal, undertake extensive literature review and collect data. You will then start to analyse your data and focus on building the details of your thesis plan. Once you have made initial progress you will have opportunities to present your preliminary research at various conferences and submit it for publication. In the final stages you will write and re-write your chapters, submit your thesis and present your research at a Viva Voce examination.

Working with your supervisory team

Your supervisory team will consist of a Principal Supervisor, secondary Supervisor and the Research Development Advisor. They will work together to provide you with appropriate support and will, between them, have the appropriate subject expertise and experience of supervising research degree students. To be successful in your doctoral studies you will need to be proactively and independently engaged with your supervisory team.

Industrial/specialist advisors may also be involved in providing support to students, particularly in cases where the research is being carried out in an industrial setting.

Assessing your progress

Your progress is assessed formally at regular defined points throughout your studies with a panel independent of your supervisory team. These reviews are designed to ensure that you keep on track of your research to enable timely thesis submission and gain valuable practice of defending your work.

Research training and personal and professional development

During your studies you will complete a bespoke programme of research, personal and professional training and development, individually tailored to you, your specific area of research and career aspirations. Your Developmental Plan will be an important part of your supervisory meetings. English language support is provided by the Brunel Language Centre on campus.

Your thesis

At the completion of your studies you will be required to submit a thesis. This may take the form of a wholly written dissertation or may comprise original, creative work supported by a scholarly text indicating how the creative work fulfils the requirements of the award. The appropriate length or typical word count for the thesis will be determined by the subject-matter and topic, and would not normally be more than 100,000 words in length.

Examination

Research degrees are awarded to candidates who successfully demonstrate the standards of the award. These standards are defined in sector-wide qualification frameworks (FHEQ level 8 for doctoral awards; FHEQ level 7 for research master's degrees) which can also be found in Brunel's Senate Regulation 5. The defining feature of a doctoral award is that the candidate is able to demonstrate the creation and interpretation of new knowledge in their discipline.

Research degree examination involves submission of the thesis and a formal oral defence of the thesis (the Viva Voce examination).

Additional guidance on the standard of awards is given in the Quality Assurance Agency's Frameworks for Higher Education Qualifications at www.qaa.ac.uk and in Brunel's Senate Regulation 5.

Entry requirements

Applicants will normally be expected to hold a good first degree and show competence in English if this is not your first language. We will consider alternative qualifications on an individual basis. Further details can be found on page 39.

Senate reserves the right to assess the eligibility of applicants on an individual basis.

Specialised PhDs

PhD partnered with Industry

Brunel's partnership with The Welding Institute (TWI) enables students to undertake research in structural integrity in the National Structural Integrity Research Centre in Cambridge housing over £20 million of state-of-the-art equipment and some of the world's most advanced analysis and testing technologies. The degree provides a platform for rewarding careers in oil and gas, power generation, petrochemical, nuclear and transportation sectors and is accredited by TWI as further learning for registration as a Chartered Engineer.

Find out more at www.brunel.ac.uk/phd-with-industry

Doctoral Training Partnerships

Brunel participates in three doctoral training partnerships. These partnerships provide funding for a number of PhD studentships in selected areas of study and innovative training environments for doctoral-level research:

- Engineering and Physical Sciences Research Council Doctoral Training Partnerships
- Natural Environment Research Council Doctoral Training Partnership
- The Economic and Social Research Council Grand Union Doctoral Training Partnership

More details can be found at

www.brunel.ac.uk/doctoral-training-partnerships

►►► The Engineering and Physical Sciences Research Council has awarded Brunel a £1.4m Doctoral Training Partnership grant to support around 60 PhD studentships until 2021►►►

Brunel Integrated PhD

The Brunel Integrated PhD is available across a range of subjects. The Integrated PhD combines the benefits of traditional PhD study with a more much guided and hands-on supervision of your learning and research process combined with professional and subject training. This extends the usual PhD from three to four years as it includes a programme of taught modules that run in parallel to research study during the first three years. The taught modules normally commence in September. In the fourth year you will focus solely on completing your PhD.

Graduates of the programme are eligible for the award of PhD with Integrated Postgraduate Diploma in Research. You can search for subjects that offer the Integrated PhD at www.brunel.ac.uk/researchdegrees

“ I managed to meet one of the academic staff members at Brunel before applying and I had a focused discussion on my proposed study area. This meeting reinforced my decision to apply for a PhD here. ”

Mussa Sheboniea, PhD student, Department of Electronic and Computer Engineering



How to apply

1

Identify your research area

Before applying for a research degree, you need to identify the research area and a potential supervisor with whom you'd like to conduct your research - you can contact them informally for advice before you make your application.

You can find your supervisor using the search tool at www.brunel.ac.uk/people. You may also find advertised research projects and funded opportunities on the university's webpages.

2

Check entry requirements

You will need to demonstrate English language proficiency and meet all requirements for your subject area. You can find more details here: www.brunel.ac.uk/research/entry-requirements

3

Prepare your research statement

Your statement should outline your initial thoughts within the context of your chosen subject area and many supervisors will be happy to discuss it with you before you submit your application. We recommend you include the area of research interest, your reasons for wanting to conduct research in that chosen topic, the explanation of how this research will advance knowledge and what data and methods you intend to use to answer your research questions.

4

Complete your application

When you are ready to apply you can do so using our online application system. Please make sure you have all your personal details, academic qualifications, work experience and research statement to hand.

5

After you apply

You will receive an email from us confirming your application has been received. You can keep track of your application using the My Application facility online. All applicants will be interviewed by at least two members of academic staff, one of whom will be part of the proposed supervisory team. The interview is conducted face-to-face, by phone, via Skype or other electronic means. Following the interview, you will be notified of the application decision by email.

Once you have had an offer, you can then start exploring your funding and accommodation options.

You'll find more details on applying to Brunel at www.brunel.ac.uk/researchdegrees





FEES AND FUNDING

We understand finances are a key factor in your decision about where to study. Exploring what's available to you can seem a daunting prospect, and the good news is there are a range of funding options available to support you, including Government loans, scholarships and studentships.

We offer over 100 postgraduate scholarships every year, plus additional research scholarships and PhD studentships in some subject areas, which could help you fund tuition fees and living costs whilst you're at university.

Funding can come from a variety of sources, so be prepared to do your research and review relevant websites to ensure you are aware of all your options. It's worth starting your research in plenty of time to make sure you meet any deadlines for scholarships or other funding opportunities.

We can support you in finding part-time work to help you earn money and gain useful work experience. Our Job Shop advertise a variety of roles on and off campus and our Professional Development Centre can offer you additional support with your applications and interview techniques.

Funding your study

Tuition fees

Our fees differ depending on which course you choose. Full details including the fees for distance learning courses and associate students are available at www.brunel.ac.uk/pgfees

Fees can be paid at or before enrolment at the start of each academic year. Students paying their fees in full by the enrolment date will receive a 2% discount. Brunel also offers a payment plan to help you spread the cost over the year.

There may be some additional fees such as re-registration, continuation or examination fees. Your academic department will give you more details.

▶▶▶ Have you completed an undergraduate degree with us? If you'd like to continue your study at Brunel, you're entitled to a 15% discount on the cost of your postgraduate tuition fees. ▶▶▶

Student finance

Depending on your circumstances, you could be eligible for financial support from the government. These packages for postgraduate UK students include student loans that contribute to your tuition fees and living costs while you are studying.

You may also be eligible for additional money, for example if you're on a low income, are disabled or have children. You'll find details at www.gov.uk/student-finance/extra-help

Postgraduate Doctoral Loans have now been introduced to help students studying for a research degree, such as a PhD, with course fees and living costs.

Tuition fees and 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 list of government support offered at www.gov.uk/postgraduateloan

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 Tier 4 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: www.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 www.brunel.ac.uk/jobshop

Scholarships

Brunel offers over 100 scholarships to postgraduate students every year.

Available scholarships include awards for academic excellence, sports and for different subjects and countries – as well as bursaries for those who meet Brunel's under-represented criteria.

We also offer additional research scholarships and PhD studentships in some subject areas.

You'll find information about all available scholarships, application details, deadlines and all terms and conditions at www.brunel.ac.uk/postgraduate-scholarships

For enquiries about specific scholarships please email scholarships@brunel.ac.uk

“ When I decided to do my master's in the United Kingdom I sought advice from the leaders in my specialised field. The CEO of my company and leading engineers in industry recommended Brunel as the top University for Building Services in the UK, and a top choice globally. Now in my second semester I am very glad I chose Brunel, the Building Services Engineering with Sustainable Energy Master program has some of the most qualified and respected academics in their respective fields and I am overjoyed and amazed that I get to learn from them every day, this, to me is priceless. ”

Kellesia Ebanks, Jamaica, Chevening Scholarship



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You can undertake a research degree in many of our subject routes.
 You can find more details on the following course pages.

Anthropology

Brunel is a pioneer and leader in postgraduate anthropology teaching and research. Over 25 years ago we established Europe's first master's in medical anthropology, led by two founders of the field - Ronnie Frankenberg and Cecil Helman (author of the world's most widely-used medical anthropology textbook).

Since then, we have launched the world's first master's in the anthropology of childhood and the only master's in psychological and psychiatric anthropology outside the USA. We offer five distinct master's courses addressing different strands within anthropology plus an MA on international development issues as they affect youth and children. All the degrees - full-time and part-time - combine intensive coursework, rigorous training in ethnographic research methods and a period of fieldwork in the final term.

- ▶ **Anthropology of Childhood, Youth and Education MSc**
- ▶ **Anthropology of International Development and Humanitarian Assistance MSc**
- ▶ **Children, Youth and International Development MA**
- ▶ **Medical Anthropology MSc**
- ▶ **Psychological and Psychiatric Anthropology MSc**
- ▶ **Social Anthropology MRes**
- ▶ **PhD / MPhil**

Why study Anthropology at Brunel?

Anthropology offers a unique and powerful means for understanding cultural and social diversity in the modern world. It is concerned with such contemporary issues as multiculturalism, identity politics, health and illness, racism and ethnic nationalism, changing forms of the family, religious conflict, gender and the political role of culture.

It also addresses the perennial questions about human nature: what do we have in common with each other cross-culturally, and what makes us different?

www.brunel.ac.uk/anthropology

“ Anthropology at Brunel offers a unique range of master's degrees that combine taught specialist modules with fieldwork-based research, and practical skills with theoretical knowledge. In a friendly and supportive environment you will discover new perspectives on the world and exciting approaches to developing your career. ”

Dr Andrew Beatty, Senior Lecturer in Anthropology

Brunel launched Europe's first master's in medical anthropology, the anthropology of childhood, and psychological and psychiatric anthropology, led by pioneers in their fields.

Course information

Anthropology of Childhood, Youth and Education MSc

This course demonstrates how anthropological approaches can be used to gain access to, and understand, children's and young people's lived experience, their ideas about the world and themselves and their relations with peers and adults. Its distinctiveness derives from an anthropological approach that focuses on the importance of their perspectives, and on the role that education (formal and informal) plays in children's learning processes and in the transmission and acquisition of cultural knowledge.

Typical modules

Understanding Childhood and Youth; Anthropology of Education and Learning; Ethnographic research methods

Mode of study

1 year full-time
2 or 2.5 years part-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-acye

Anthropology of International Development and Humanitarian Assistance MSc

This degree will appeal to those interested in critically assessing the policies and practices of international development and humanitarian assistance to war-affected regions from an anthropological perspective. It provides the training to enable students to seek employment with NGOs, international agencies and the civil service.

The course can also be a stepping stone for those seeking to undertake doctoral research in international development. While its approach is anthropological, this degree offers multidisciplinary possibilities with optional modules from politics, health sciences, law and business.

Typical modules

Critical Perspectives on International Development; Anthropological Perspectives of War and Humanitarian Assistance

Mode of study

1 year full-time
2 or 2.5 years part-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-aidha

Children, Youth and International Development MA

The innovative and interdisciplinary Children, Youth and International Development MA is one of the first in the UK to cater specifically for those working, or considering a career in the field of children, youth and international development. Half the world's population is under the age of 25 and almost 90% of these young people live in developing countries, in diverse geographical and social contexts.

This course focuses on the key issues relating to children, youth and international development, including the rights and participation of young people. You'll gain skills in research design and practice and have the opportunity to explore how children and youth related issues are addressed from alternative disciplinary perspectives.

You have the option for an international exchange programme. The Erasmus Link is an exchange opportunity for two students between Brunel and Norway's Centre for Child Research.

Mode of study

1 year full-time
2 or 2.5 years part-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-acye

Typical modules

International Development, Childhood and Youth; Young Lives in the Global South; Global Agendas on Young People's Rights and Participation; Researching Children, Childhood and Youth; Sociology of Youth and Youth Work; Applied Learning for Children, Youth and International Development; Critical Perspectives on International Development

Medical Anthropology MSc

This course provides a rigorous grounding in key topics and perspectives in medical anthropology and will equip you with research skills to enable you to complete research successfully. Medical anthropology can be described as the study of cultural beliefs and practices associated with the origin, recognition and management of health and illness in different social and cultural groups. The breadth of the course is wide ranging.

Students without a background in anthropology are also offered introductory modules in anthropological theory.

Typical modules

The Anthropology of Global Health; Applied Medical Anthropology in the Arena of Global Health; Medical Anthropology in Clinical and Community Settings

Mode of study

1 year full-time
2 or 2.5 years part-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-ma

“The best thing about studying anthropology at Brunel is that the department and the structure of the programme encourages you to take charge of your own degree. Not many programmes will allow you to conduct independent field-based research, and as someone who has previous research experience, it feels great to be trusted to work largely on my own, and choose when to reach out for guidance and supervision.”

Jon Hansen, Medical Anthropology MSc

Psychological and Psychiatric Anthropology MSc

This course investigates psychological and psychiatric issues from an anthropological perspective, addressing issues at the forefront of debates in social policy, morality, personal identity, and mental health. By considering cases from around the world you'll explore how person, consciousness, and experience are shaped through cultural practices and political realities.

Examining world ethnography (including the UK), you'll learn about selfhood, emotion, personality, and understandings of 'madness' and mental illness in cultural context. Our students come from varied professional and academic backgrounds, many taking time out for professional development. Those arriving without undergraduate training in anthropology are offered introductory modules in anthropological theory.

The degree leads to a range of career opportunities in the health and psy sectors, besides charities, development, NGOs, and anything requiring cultural expertise. Fieldwork can be 'at home' (e.g. psychic training, Pentecostal churches, mental health charities) or abroad (e.g. funerals in Iran, Amazon neoshamanism, autism programmes in Belgium).

Typical modules

Themes in Psychiatric Anthropology; Themes in Psychological Anthropology; Anthropology of the Person

Mode of study

1 year full-time
2 or 2.5 years part-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-ppa

“Studying anthropology at Brunel has been a life-changing experience. It has offered me a brand new frame of reference for world affairs.”

Lynnette Curtis, Psychological and Psychiatric Anthropology MSc



Social Anthropology MRes

This taught postgraduate degree provides high-quality training in anthropology and anthropological research. You can choose from a wide selection of modules in collaboration with academic staff to focus on your areas of research interest. The course is of particular relevance for those who wish to progress to PhD study or who are keen to enhance their careers through the acquisition of advanced knowledge and research skills. You can complete the course as a qualification in itself; you can also use it as a conversion course to anthropology.

Typical modules

In addition to selecting modules from across our suite of master's degrees, you'll also have the option of taking Guided Study Modules, tailor made to suit your particular interests.

Mode of study

1 year full-time
2 or 2.5 years part-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/mres-sa

Research areas

You can undertake your research in a number of areas within Anthropology. Our academics are specialists in their field, with particular focus on the following themes:

- ▶ **Education (formal and non-formal) in UK and Abroad; Nationalism and Nation-Building**
- ▶ **Emotion, Memory, Identity, Experience, Mental Health**
- ▶ **New Approaches to Ethnographic Writing**
- ▶ **Masculinity, Violence, Sexuality**
- ▶ **Public Health, HIV/AIDS**
- ▶ **History and Personhood**
- ▶ **War and Humanitarianism**

Careers and your future

You can apply the analytical and research skills that you develop on these courses to a wide range of careers, including education, public health, the charity sector, development, and government. Additionally, the courses enhance professional development in nursing, general practice, sexual health, psychiatry, nutrition, psychotherapy, NGOs and international development.

A number of our graduates continue to a PhD or applied research in anthropology or related fields. Some have set up similar programmes in Europe and Africa.

TAUGHT BY EXPERTS

James Staples

James is a Reader in Anthropology and Head of Brunel's Anthropology division. He conducts ongoing ethnographic field research in a leprosy colony in rural South India as well as in Hyderabad, India's sixth largest city. His recent work includes a study of suicide among young people in India and, more recently, research on the politics of food.

James' research feeds into all his teaching. His extensive hands-on experience means he has plenty of ethnographic examples to bring his lectures to life.





Brunel Business School

As a postgraduate student you will be joining an internationally diverse student body, and be taught by academic staff who produce research that improves lives and informs our diverse degree content.

Our global outlook provides a varied, multicultural learning environment that inspires our students to improve the world around them.

- ▶ Accounting and Business Management MSc
- ▶ Business Intelligence and Social Media MSc
- ▶ Corporate Brand Management MSc
- ▶ Global Supply Chain Management MSc
- ▶ Human Resource Management MSc
- ▶ Human Resources and Employment Relations MSc
- ▶ International Business MSc
- ▶ Management MSc
- ▶ Marketing MSc
- ▶ Master of Business Administration MBA
- ▶ PhD / MPhil

Why study Business at Brunel Business School?

Brunel Business School offers an environment of opportunities, not only to gain important insight into management theory and academic research, but to also develop your skills and experience, either through our employability-focused programme 'Business Life', or through company visits and guest speaker talks.

Many of our programmes carry professional accreditations that will give a boost to your job prospects and future earnings.

www.brunel.ac.uk/business-school



European Business Schools
Ranking 2017

“ Brunel Business School's postgraduate degrees aim to equip students with the essential knowledge, skills and tools they need to become employable and entrepreneurial global citizens. ”

Dr Monomita Nandy, Senior Lecturer and
Head of MSc Programmes



Our Business Life Executive Speaker Series is a free to attend regular forum where global business leaders share their expertise in building value and competitiveness.

Course information

Accounting and Business Management MSc

Accounting information lies at the heart of management and is also used by investors, business contacts, competitors and other external parties.

This course will develop your understanding of accounting and management in a business context, equipping you with the skills to excel in today's job market.

Accounting and Business Management MSc also offers a strong foundation for entrepreneurs looking to set up and manage their own business.

Accreditation by ACCA, ICAEW, CIMA, CIPFA and AIA offers graduates some exemptions to professional accounting exams.

Typical modules

Financial Accounting; Management Accounting; Financial Reporting; Current Issues in Accounting



Business Intelligence and Social Media MSc

This exciting course explores developments in cloud-based and mobile commerce that are changing the way businesses will operate in the future. The Business Intelligence and Social Media MSc draws together technology and business perspectives in order to understand the implications for social media-enabled business.

You'll gain technical skills and an appreciation of the crucial role social web technologies play in today's organisations and their ability to transform business processes.

Typical modules

Mobile, Social Media and Cloud Services; Professional Consultancy in Business; Social Media; Business Intelligence; Knowledge Management, Social Networks and Innovation

Mode of study

1 year full-time

Start date

September or January

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-abm

Mode of study

1 year full-time

Start date

September or January

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-bism

"A big advantage to my studies is the continuous support received from staff, professors and academic supervisors, as well as guest speakers from industry who share their knowledge which helps to equip us for the competitive job market. I highly recommend this degree to anyone looking to build a career as a business strategist, social media manager or business analyst."



Khawaja Usman Sarfraz, Business Intelligence and Social Media MSc

Corporate Brand Management MSc

Corporate Brand Management MSc focuses on branding in various forms including product branding and online branding. You will also compare branding strategy and expression across different sized entities, from entrepreneurs and SMEs, to multi-nationals branding across sectors and cultures. A special feature of the programme is a focus on branding at corporation level including corporate ethical identity and corporate brand heritage.

You will be taught by an enthusiastic team of scholars including the pioneering academic in the field, Professor John Balmer. The option of a 6-12-week work placement distinguishes the course and will help to boost your employability.

Additionally, accreditation by the Chartered Institute of Marketing through CIM Gateway offers students the opportunity to study for a CIM Professional Certificate for Diploma alongside their degree.

Typical modules

Advances in Corporate Branding; Strategic Corporate Branding; Strategic Corporate Brand Management and Consulting



Mode of study

1 year full-time
2 years part-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-acbm



WORK
PLACEMENTS

"I found the coursework especially interesting since it often involved a real company to apply the concepts and theoretical frameworks on. The placement on my course was a fantastic experience. I was able to apply the things I learned and gained international experience for my CV."



Krista Kaler, Corporate Brand Management MSc

Global Supply Chain Management MSc

This exciting programme is directed at those considering a career in supply chain or logistics and provides insightful knowledge into the development of outsourcing and the role played by outsourcing organisations. You'll also learn how to critically apply theories on logistics and supply chain operations within the context of global business management.

Accreditation by the Chartered Institute of Logistics and Transport and the Chartered Institute of Purchasing and Supply offers graduates some exemptions to their professional exams.

Typical modules

Operations and Project Management; Business Modelling in Supply Chains; Global Outsourcing; Procurement Fundamentals

Mode of study

1 year full-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-gscm

"Flawlessly designed modules have given me a fantastic theoretical and practical cognizance about Supply Chain and Operations; it has brought out the best in me. Combined with my work experience, this master's will make me a formidable candidate in the field of SCM."



Veeneey Paneer Selvam, Global Supply Chain Management MSc



Human Resource Management MSc

As part of this course, you will explore in depth the theoretical and analytical issues in the management of human resources and the roles these play in organisational success.

Topics will include issues in international human resource management such as expatriation, managing across cultures, and HR systems and processes from an international perspective.

This course is designed for those who wish to become human resource practitioners in academic, consultancy or commercial settings. Practitioners seeking a more in-depth master's qualification in human resource management, rather than an MBA, will also find the course of interest.

Additionally, accreditation through CIPD offers a number of benefits during and after study.

Typical modules

Organisational Behaviour; Knowledge Management, Social; Networks and Innovation

Mode of study

1 year full-time

Start date

September or January

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-hrm



Human Resources and Employment Relations MSc

Like Human Resource Management MSc, this degree will explore in depth the theoretical and analytical issues in the management of human resources and the roles these play in organisational success.

In particular, this course provides an opportunity to evaluate theoretical frameworks relevant to the study and practice of human resource management and employment relations under conditions of change.

This course is designed for those who wish to become human resource practitioners in academic, consultancy or commercial settings. Practitioners seeking a more in-depth master's qualification in human resource management, rather than an MBA, will also find the course of interest.

Additionally, accreditation through CIPD offers a number of benefits during and after study.

Typical modules

HRM in Context – Resourcing; Performance and Assessment; Issues in Employment Relations; Contemporary HRM: Policy, Development and Evaluation

Mode of study

1 year full-time

Start date

September or January

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-hrer



International Business MSc

This course is designed to give you a sound understanding of international business contexts and the ability to make links across various integrative disciplines, as well as some focus on emerging markets.

Topics include the international business environment, international business economics, the regulation of trade, cross cultural management, international marketing; international and comparative human resources management, corporate governance (including social responsibility), and the structure of international politics.

International Business MSc is an ideal choice of anyone seeking to operate or develop within an international management or business setting, or in organisations where an understanding of international business is an asset.

Typical modules

International Management; International Marketing; Global Business and Investments; International Business Strategy

Mode of study

1 year full-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-ib

Management MSc

Our Management MSc offers you a choice of four specialist pathways: General Management, Branding and Marketing, Technology and innovation, and Digital Creativity and Entrepreneurship. All specialisms emphasise developing your employability and career development skills through UK commercial visits, the option of a one-week overseas study tour and an optional 6-14-week work placement.

Typical modules

Business Planning; Entrepreneurship; Strategic Management; Financial Resources Management

Mode of study

1 year full-time

Start date

September or January

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-man



WORK
PLACEMENTS



Master in Management
Ranking 2017

Marketing MSc

Marketing MSc is ideal for graduates who want to acquire a holistic understanding of marketing or for early career business or marketing professionals who require an understanding of marketing theories to underpin their practical experiences. The programme provides critical insights into marketing philosophies and theories, and management practices of national and international firms. You'll develop the critical and creative skills, procedural thinking and expertise needed to generate, implement and evaluate organisational activities for your employers and customers. The option of a placement is a great opportunity to gain hands-on experience and to build valuable contacts.

Additionally, accreditation by the Chartered Institute of Marketing through CIM Gateway offers students the opportunity to study for a CIM Professional Certificate for Diploma alongside their degree.

Typical modules

International Marketing; Marketing Principles; Marketing Communications; Consumer Behaviour; Strategic Marketing Management; Contemporary Brand Management



Mode of study

1 year full-time

Start date

September or January

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-mar



WORK
PLACEMENTS

“The marketing industry has a high demand for leadership and my professors and lecturers at Brunel understand this, providing quality education with the help of their practical-oriented modules. Because of this course, I've gained skills that are relevant to my future.”

Peeyush Chauhan, Marketing MSc



Master of Business Administration MBA

The Brunel MBA is an intensive, research-led and applied programme for experienced professionals, designed to maximise students' investment in a global executive career. Whether you want to advance your existing career, move to a new field or start your own business, the Brunel MBA can give you the tools you need.

We offer three pathways: General Management, Aviation Management or Healthcare Management. As an MBA student you'll benefit from regular visits to businesses in the UK and many companies visit the campus as part of our MBA guest speaker series: Let's Talk Business.

The Brunel MBA is one of a distinguished group of MBA programmes in the world to be accredited by the Association of MBAs (AMBA) – the leading MBA accreditation body.

Typical modules

Operations Management; Corporate and Business Finance; Strategic Marketing Management; Corporate and Competitive Strategy; Leading People and Managing Organisations

Mode of study

1 year full-time

2 years part-time

Start date

September or January

Entry criteria

2:1 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/mba-ba

“The Brunel MBA covers a range of subjects – the applied management focus, and enthusiastic staff who teach through their experience, make the subjects interesting. Part-time students get to meet eight cohorts from diverse professions, as a benefit of different study modes.”

Niraj Sachania, MBA



Research areas

You can undertake your research in a number of areas within Business. Our academics are specialists in their field, with particular focus on the following themes:

- ▶ **Business and Management**
- ▶ **Accounting and Auditing**
- ▶ **Human Resource and Organisation Behaviour**
- ▶ **Operations and Information Systems**
- ▶ **Marketing and Corporate Brand Management**
- ▶ **Strategy Entrepreneurship**
- ▶ **International Business**

Careers and your future

Our Business Life programme offers you a range of essential skills activities to support your personal and professional development, including an Executive Speaker Series forum where global business leaders share their success stories and expertise.

If you choose to study our MBA, our Career Development programme will be an integral part of your professional development. By integrating and reflecting on your employability skills, we want to give you the best opportunity to accelerate your career after completing your MBA with us.

Our MBA Career Coach offers you advice on all aspects of career planning, including reassessing your strengths and weaknesses.

This aspect of the course is invaluable to students who, having worked in managerial roles for some years, may now wish to evaluate their experience and direct their careers into the future.

TAUGHT BY EXPERTS

Dr Jill Collis

Jill is Director of Brunel's Accounting and Auditing Research Group. She is recognised internationally as a leading scholar on financial reporting and auditing.

Her accessible writing style and active-learning approach reflects her understanding of the needs of students and lecturers. She has won a number of accolades for her outstanding contribution to the student learning experience.





Communication and Media Studies

Our Media and Communications course focuses on the rapid changes in global media and communications and their social and cultural consequences within an international context.

It specifically focuses on how the media shapes culture and society; how new forms of media re-shape social relations and how questions of identity, culture and representation can be understood from the perspective of critical media sociology. We offer innovative and classic teaching methods with modules that draw on the leading-edge international research by staff specialising in media studies, cultural industries, and cultural sociology.

- ▶ **Media and Communications MSc**
- ▶ **PhD / MPhil**

Why study Communication and Media Studies at Brunel?

We have a long tradition of high quality research and teaching in Sociology and Communications. We also offer additional bespoke workshops and lectures to enhance student employability skills (e.g. 'pitching yourself to employers'). All students can benefit from our programme of workshops and informal 'drop in' sessions on information literacy to enhance academic writing skills.

The course is designed to meet the needs of advanced students with backgrounds in media, sociology and other relevant disciplines and is also perfectly suited for professionals in the communications/broadcast industry seeking to gain a more sociologically informed understanding of those industries.

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

“The MSc in Media and Communications provides students with a critical perspective of the contemporary media and cultural landscape. Academics in the department actively incorporate their latest research projects in their teaching thereby offering students cutting edge theories and knowledge.”

Dr Monica Degen, Reader in Sociology and Communications



Students are taught by internationally recognised staff that regularly appear on the BBC, in *The Guardian* and in other British media outlets.

Course information

Media and Communications MSc

This well-established postgraduate course offers an interdisciplinary approach to the study of new media and communications practices. It explores such questions as how does the media shape culture and society? What role does it play in people's everyday lives? How are the creative industries shaping the rise of a new economy? And are young people disconnected from traditional politics? You'll consider how the media is creating a global culture and how social networking sites influence personal communications.

You'll undertake theoretical and empirical study of the media together with the study of developments in information and communication technologies.

Typical modules

Issues and Controversies in Media and Communications; Qualitative Methods in Social and Cultural Research; The Creative Industries; Principles of Media Research; Web Cultures; Media, Body and Society

Mode of study

1 year full-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-mc

“The course enabled me to enhance my research skills and think critically on a range of issues. I benefitted from being taught by international standard scholars and researchers. The variety of subjects and relevance to current issues today has helped me discover the potential area of interest for my future PhD.”



Terrence Logun-Leko, Media and Communications MSc

Research areas

You can undertake your research in a number of areas within Communication and Media Studies. Our academics are specialists in their field, with particular focus on the following themes:

- ▶ **Media Sociology**
- ▶ **Cultural Industries**
- ▶ **Digital Sociology**

Careers and your future

Our graduates typically progress to further advanced academic research or pursue careers in the media industries. Past students have held roles such as Press and Communications Officer, Head of Information; others work in developing countries for NGOs or as technology consultants.



TAUGHT BY EXPERTS

Dr Monica Degen

Monica is a Reader in Sociology and Communications and co-convenor of the MSc in Media and Communications. As a cultural sociologist, she is interested in the role the media and cultural industries play in developing urban economies and urban cultures.

In her teaching, she shares her latest research and knowledge on how architecture, urban design and creative industry policies impact on the spatial and political development of a global metropolis such as London.

Creative Writing

Creative Writing at Brunel is a leader in the field, which has for many years now ranked in the top 10% of Creative Writing degrees in the UK.

The Department of Arts and Humanities has a very strong and experienced teaching team that guarantee depth and diversity in its research programmes and its teaching and we are also committed to interdisciplinary approaches to the study of literature and culture.

Brunel's Creative Writing staff includes some of Britain's most celebrated, original and experienced writers. So whether you intend to establish a career in writing or simply want to explore your abilities, our courses offer exciting opportunities and an unrivalled body of experience.

- ▶ **Creative Writing MA**
- ▶ **Creative Writing: The Novel MA**
- ▶ **PhD / MPhil**

Why study Creative Writing at Brunel?

You'll learn through lectures, workshops and seminars, presentations, project supervision, tutorials, independent learning and practice. You'll be assessed on coursework, a project journal, oral presentations, self- and peer-evaluation of written work and workshop contributions.

Our Creative Writing staff have published over 80 books and written for television, film and radio. Benjamin Zephaniah, Bernardine Evaristo, Daljit Nagra and Will Self are part of our team.

The Brunel International African Poetry Prize is a major poetry competition open to African poets worldwide. For 2017 we received a record 1,200 entries for the £3,000 award.

www.brunel.ac.uk/creative-writing

“ This course is taught not just by academics but successful authors in their own right and so it is the perfect blend of theoretical and practical learning ”

Matt Thorne, Postgraduate Programme Lead,
Creative Writing: The Novel MA



Benjamin Zephaniah, Bernardine Evaristo, Daljit Nagra and Will Self are among the leading UK writers and poets teaching at Brunel.

Course information

Creative Writing MA

The Creative Writing MA is for writers who want to express their creativity in several forms - e.g. novels, short stories, film scripts, feature and travel articles, poetry and costed project plans - rather than specialise in one area.

The techniques and strategies taught on the course will let you experiment and discover which suits you best. If you are already specialising in a particular area of writing, the course will underpin your expertise by equipping you with knowledge of other methods.

Typical modules

Feature and Screenwriting; Creativity; Elements of Writing; Fiction; Writers at Work

Mode of study

1 year full-time
2 years part-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/ma-cw

“I've really enjoyed my time on the Creative Writing MA course - from the teaching staff to my fellow classmates to the excellent reading materials - I couldn't ask for a better experience. I would encourage anyone who's toyed with the idea of committing to an MA in Creative Writing to consider Brunel.”

Katherine Manning, Creative Writing MA



Creative Writing: The Novel MA

We designed the Creative Writing: The Novel MA to teach new novelists everything we think you should know. The course combines a focus on the skills of writing fiction with an exploration of the publishing process and related creative fields.

You'll work towards producing a major prose fiction project of publishable quality and in marketable form. This can be a novel fragment with synopsis, a novella or a collection of short stories.

Typical modules

Planning a Novel; Paths to Publication; Creativity; Elements of Writing: Fiction; Writers at Work

Mode of study

1 year full-time
2 years part-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

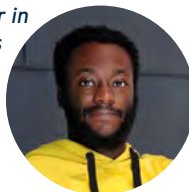
For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/ma-cwtm

“This is for any ambitious storyteller in any genre, who wants a course that is as fun as it is challenging. You'll gain the skills you want, have the support you need, and it's totally worth it.”

Matthias Asiedu-Yeboah, Creative Writing: The Novel MA



Research areas

You can undertake your research in a number of areas within Creative Writing. Our academics are specialists in their field, with particular focus on the following themes:

- ▶ **Modern and Contemporary Fiction**
- ▶ **Women's and Multicultural Writing**
- ▶ **Horror and Thriller Writing**
- ▶ **Screenwriting**
- ▶ **Comedy Writing**

Careers and your future

Our graduates pursue careers in authorship, creative writing teaching, arts administration and the media (journalism, advertising, publishing, television, radio, the internet). Some of our graduates are published novelists, such as Liesel Schwarz, Christy Lefteri and Sally O'Reilly and we attract considerable interest among publishers and literary agents.



TAUGHT BY EXPERTS

Professor Bernardine Evaristo MBE

Bernardine is Professor of Creative Writing. Her award-winning works span eight books of fiction and verse fiction as well as numerous dramas, non-fiction, poetry, literary criticism and writing for BBC radio. She is also an editor and literary prize judge and she has been on over 150 international tours as a writer.

Economics and Finance

At Brunel we offer a powerful combination of theory and practice across our Economics and Finance courses thanks to our strong research culture which profoundly enhances our teaching and learning.

Our courses are informed by our staff's internationally acclaimed research in financial markets and economics, corporate governance, financial development, quantitative methods and financial accounting. We provide our students with strong theoretical and conceptual foundations and the ability to apply classroom learning to practical, real world problems, especially through the option of our 6-12 week placement. We have good links with many organisations and nurturing employable, job-ready graduates is one of our strengths. We look forward to supporting you in your journey towards securing your ideal job.

- ▶ **Banking and Finance MSc**
- ▶ **Business Finance MSc**
- ▶ **Finance and Accounting MSc**
- ▶ **Finance and Investment MSc**
- ▶ **PhD / MPhil**

Why study Economics and Finance at Brunel?

If you're someone who's fascinated by the world of money and its effect on the well-being of our society, you might want to consider an MSc degree in economics or finance. Economics and finance are central to society, policy, technology and politics - everyone experiences finance and economics at some level.

An MSc degree in Economics and Finance will help provide you with a host of career opportunities when you graduate including work as an investment analyst, a chartered accountant, or a statistician, as well as a myriad of jobs across various sectors.

www.brunel.ac.uk/economics-and-finance

“Any one of our MSc programmes will help you to succeed in the competitive marketplace. We offer a range of comprehensive elective modules, and our two workshops provide teaching from senior bankers and finance professionals to help give your studies a practical direction. The option of a placement will offer you unparalleled opportunities for networking.”

Professor Menelaos Karanasos, Director of MSc Programmes



Our MSc programmes include an optional 6-12 week professional practice placement.

Course information

Banking and Finance MSc

This innovative course will enable you to develop your career in the banking and financial services sector. You'll gain a thorough understanding of this field through practical and theoretical application, addressing financial economics, the economics of banking, international financial markets and quantitative methods, as well as financial regulation in the UK and internationally.

Typical modules

Banking; Bank Regulation; Macro-Prudential Policy; Banking and Finance Workshop; Security Analysis and Funds Management

“What attracted me to the Banking and Finance programme was the professional placement and the fact that the course itself covered a plethora of subject areas that are essential to further a career in finance. I also enjoyed the practical aspects of the programme: the Bloomberg and Reuters training, and the banking workshops.”



Nuwan Jayawardene, Banking and Finance MSc

Mode of study

1 year full-time
2 years part-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-baf



WORK
PLACEMENTS

Business Finance MSc

The Business Finance MSc will develop your understanding of operational finance, with the emphasis on applied aspects of business finance and financial decision-making within firms. As such, the course focuses more on real-life, up-to-date analysis of business decisions and there is less emphasis on the theoretical foundations and mathematical underpinnings of finance. You will gain comprehensive knowledge and understanding of business finance and company valuation within the context of modern financial markets without necessarily using a high level of maths and statistics.

You'll be able to evaluate a firm's relationship to financial markets, understanding the theory and practice underlying corporate finance and investment decisions. By studying the operation and design of corporate financial systems, and analysing business financing and investment decisions, this course will enable you to find a role within the finance department of large firms or in government bodies. You'll also acquire the tools to help organise smaller businesses.

Typical modules

Foundations of Finance; Quantitative Methods for Business Finance; Company Valuation; Business Economics; Investment Valuation Models

Mode of study

1 year full-time
2 years part-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-bf



WORK
PLACEMENTS

Finance and Accounting MSc

Finance and Accounting MSc covers the theory of finance, company valuation, the assessment of corporate risk, international accounting standards, corporate governance and financial statement analysis. This course is suitable for those pursuing a career in business and consulting, accountancy firms, financial institutions and government. It will also prepare you for academic research in finance and accounting.

The programme is accredited by the Association of Chartered Certified Accountants (ACCA) and the Chartered Institute of Management Accountants (CIMA). Through CIMA Master's Gateway you can apply to obtain 12 exemptions; through ACCA, up to four.

Typical modules

Financial Theory; Financial Reporting in Capital Markets; International Accounting Standards and Policy; Investment Valuations



Mode of study

1 year full-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-fi



WORK
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“I was attracted to Finance and Accounting at Brunel because of the professional placement and the fact that the course is accredited. One of the best things I like about my course is the practical lab study (Bloomberg and Reuters practice), where you get to grips with the tools the industry uses, and apply them to various problems.”



Manivannan Selvarajah, Finance and Accounting MSc



Finance and Investment MSc

Our Finance and Investment MSc programme is a specialised course focusing on security and portfolio investment decision-making. It is structured around the syllabus of the Chartered Financial Analysts Institute. The emphasis is on issues related to investment in capital markets, such as investment strategies, the evaluation of investment performance and the use of financial statement information in evaluating company performance.

The course provides a systematic understanding of the techniques of modelling financial decisions, the valuation of investments and pricing securities using data from a range of different markets.

Typical modules

Derivative Securities; Macro and Financial Econometrics; Corporate Finance; Security Analysis and Funds; Management; Modelling Financial Markets Forecasting; Risk Management

Mode of study

1 year full-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-fi



WORK
PLACEMENTS

“If you are interested in investment analysis or portfolio management, this programme will provide you with the practical and theoretical training and develop your knowledge with the skills needed for an understanding of the techniques and regulatory environment of financial market investment.”

Bolaji Saleh, Finance and Investment MSc



Research areas

You can undertake your research in a number of areas within Economics and Finance. Our academics are specialists in their field, with particular focus on the following themes:

- ▶ **International Finance**
- ▶ **Financial Accounting**
- ▶ **Business Finance and Business Economics**
- ▶ **Banking**

Careers and your future

Postgraduates have successfully secured jobs in a variety of organisations including accountancy firms across the world (such as PwC, Deloitte, EY and BDO).

Other graduates have progressed to senior positions in financial institutions including the Bank of Cyprus, HSBC in Istanbul, Standard Life in the UK and TD Bank Financial Group in Canada. Additionally, some of our graduates are already holding teaching positions around the world including the Australian Business School, EDHEC Business School in Nice and other UK universities.





Education

Education at Brunel offers an unrivalled experience for developing education professionals or for your educational training.

We are one of the longest established Education departments in the country and a leading research centre for work in supportive education. We regularly receive high ratings from the UK's leading benchmarkers such as Ofsted.

All our education courses have been developed in collaboration with partnership schools and the National College for Teaching and Leadership (NCTL). This ensures the highest possible quality of provision and relevance in national and school-level priorities in Education.

- ▶ **Education MA**
- ▶ **PGCE in Primary Education**
- ▶ **PGCE in Secondary Education (English)**
- ▶ **PGCE in Secondary Education (Mathematics)**
- ▶ **PGCE in Secondary Education (Physical Education)**
- ▶ **PGCE in Secondary Education (Physics with Mathematics)**
- ▶ **PGCE in Secondary Education (Science with Biology)**
- ▶ **PGCE in Secondary Education (Science with Chemistry)**
- ▶ **PGCE in Secondary Education (Science with Physics)**
- ▶ **Doctor of Education (EdD)**
- ▶ **PhD / MPhil**

Why study Education at Brunel?

You'll learn in lectures, seminars and workshops and by modelling classroom practice. You'll also learn through independent learning, investigation and guided discovery; and through observation, self-evaluation and reflection on teaching practice. We invite guest speakers to contribute to the taught sessions and arrange school visits, for example, to pupil referral units and special schools.

www.brunel.ac.uk/education

“ We are very proud of our postgraduate Education students who demonstrate during their studies the highest academic and professional standards. Our wonderful community of current and alumni students make a real difference to the educational experiences and life chances of the children and young people they work with in a variety of different educational contexts. That is the greatest testimony to our provision here in the Department of Education at Brunel. ”

Dr Cathy Gower, Head of the Department of Education



Brunel Education is rated Outstanding for PGCE Primary and Secondary according to OFSTED 2015/16.

Course information

Education MA

This course is for those with a broad interest in education, enabling you to undertake a high-level, critical evaluation of educational theory and practice. It is available either as the Education MA or the Education MA with a pathway in Special Educational Needs and Disability and Inclusion; Leadership and Management; Science, Technology Engineering and Mathematics Education; Professional Practice and Pedagogy.

We provide a flexible structure so you'll cover a range of core and specialist content tailored to your pathway. If you decide not to select a pathway, you can select the assessments that most interest you.

Education MA students will be encouraged to enhance their career opportunities and capacity for employment in professional environments. International students will be able to tailor their studies to their own national context.

Typical modules

Issues and Perspectives in Education; Disciplines of Education; Dissertation

Mode of study

1 year full-time
2 years part-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/ma-ed

“Choosing to study alongside full time work and busy family life was a big decision for me. Once I began the course my anxiety faded and the MA lectures soon became the highlight of my week! The support at Brunel is fantastic; my development academically, personally and professionally has been encouraged throughout.”

Amy Box, MA Education



PGCE in Primary Education with recommendation for QTS

The PGCE Primary Education will prepare you to teach pupils aged 5-11. The course covers all Key Stage 1 & 2 National Curriculum subjects: English, Mathematics and Science, Computing, Physical Education, History, Geography, Religious Education, Art and Music.

Upon successfully completing the course you will receive both the Postgraduate Certificate in Education and recommendation for Qualified Teaching Status (QTS). The course consists of master's-level academic study of the principles and methods of teaching and learning; and practical, school-based teaching placements.

You'll go on placements in schools or other educational settings for at least 120 days in block placements in two or more different contexts. Links with our partnership schools mean we can offer placements that will equip you with the skills to work with young people in diverse educational contexts. We were highly praised for this in our 2015 Ofsted inspection - Ofsted graded Brunel's Initial Teacher Education Partnership as 'Outstanding' in all areas.

Mode of study

1 year full-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 7 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.ucas.com/ucas/teacher-training

“All the lecturers and staff have been amazing throughout my PGCE journey and have always been there to help. Brunel has offered many opportunities to develop myself as a trainee teacher and I am forever grateful for their support.”

Elif Karatas, PGCE in Primary Education



PGCE in Secondary Education (English) with recommendation for QTS

PGCE in Secondary Education (Mathematics) with recommendation for QTS

PGCE in Secondary Education (Physical Education) with recommendation for QTS

PGCE in Secondary Education (Physics with Mathematics) with recommendation for QTS

PGCE in Secondary Education (Science with Biology) with recommendation for QTS

PGCE in Secondary Education (Science with Chemistry) with recommendation for QTS

PGCE in Secondary Education (Science with Physics) with recommendation for QTS

You will go on placements in schools or other educational settings for at least 120 days in two or more different contexts. Links with schools across our partnership enable us to offer placements that equip you with the skills to work with young people in diverse educational contexts. We were highly praised for this in our 2015 Ofsted inspection - Ofsted graded Brunel's Initial Teacher Education Partnership as 'Outstanding' in all areas. We also offer placements in alternative settings such as special schools, pupil referral units and young offenders' institutions.

You may be eligible for up to £30,000 (tax free) while you study on the course. Your eligibility will depend on the subject you choose to teach and your degree classification or highest relevant academic qualification. For further details visit: getintoteaching.education.gov.uk/bursaries-and-funding.

You will learn in groups of different sizes and compositions to provide a variety of experiences. You'll learn in lectures, seminars and workshops and by modelling classroom practice. You'll also learn through independent learning, investigation and guided discovery; and through observation, self-evaluation and reflection on teaching practice. We invite guest speakers to contribute to the taught sessions and arrange school visits, for example, to pupil referral units and special schools.

Mode of study

1 year full-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 7 (minimum 6 in all areas) or for equivalent, see page 39.

* PGCE in Secondary Education (Physical Education) requires a 2:1 degree (or international equivalent)

For detailed subject and grade requirements, visit our website.

Apply

www.ucas.com/ucas/teacher-training



WORK
PLACEMENTS



Research areas

You can undertake your research in a number of areas within Education. Our academics are specialists in their field, with particular focus on the following themes:

- ▶ **Teaching, Teachers, Curriculum, Citizen and Democracy**
- ▶ **Humanistic, and Ethical Concerns in Education**
- ▶ **Exploring the Digital Narratives of Young People**
- ▶ **The Pedagogy of Teacher Education**
- ▶ **The Connections between Creativity and Criticality**
- ▶ **Education, Policy and Professional Formation**

Careers and your future

You'll benefit from our partnerships with a range of educational institutions and local schools. Many of our students go on to work in our partnership schools and many more are employed in schools where they undertook a placement.

Education MA

The course will enhance your employment and career opportunities in complex professional environments that require sound judgement, personal responsibility and initiative. These include a range of learning organisations, local authorities and industry.

Students who are successful on the Education MA, particularly in their dissertation, may apply for entry to higher degrees including the taught Doctorate of Education or the research-based PhD.

PGCE Primary Education

You'll benefit from our partnerships with a range of educational institutions and local schools. Many of our students go on to work in our partnership schools and many more are employed in schools where they undertook a placement.

PGCE Secondary Education

100 per cent of our PGCE Secondary Education students secured posts in schools within six months of graduation (Destination of Learners from Higher Education 2015-2016). A Brunel PGCE with recommendation for QTS is a recognised symbol of high-quality Initial Teacher Education. You'll benefit from our partnerships with educational institutions and local schools. Many of our students go on to work in our partner schools and many more are employed in schools where they undertook a placement.





English

English is an integral part of the world-class research and teaching culture of Brunel.

We create English graduates who are confident thinkers and communicators at ease in the modern world. The location of Brunel in West London places it in the heart of contemporary literature and cultural life in the UK. English at Brunel was ranked 8th in the UK in the Guardian League Table 2018.

- ▶ **English Literature MA**
- ▶ **PhD / MPhil**

Why study English at Brunel?

You'll be taught by world-leading specialists in post-1789 literature and theory, each with an international reputation for publication and whose work informs the content of our course.

Our MA staff have great expertise: 64% of the scholarly outputs submitted by Brunel English staff in the REF2014 were rated either 4* (world-leading) or 3* (internationally excellent). You'll benefit from events and activities organised by the Brunel Centre for Contemporary Writing, and other research centres in the College.

You'll have access to Brunel archives including Fiction and Cultural Mediation of Ageing Archive (FCMAP); the Burnett Archive of Working Class Autobiographies; and the South Asian Diaspora Arts Archives (SADAA).

www.brunel.ac.uk/english

“ Past students have rated the MA in English Literature highly. The course prepares the students either for further study at doctoral level or offers critical skills useful in many careers. We aim to improve all our students, and extend their skills and abilities through innovative courses offered by research-active staff whose own scholarship is rated highly. ”

Professor Philip Tew, Convenor of MA in English Literature



You'll be taught by world-leading specialists in post-1789 literature and theory, each with an international reputation for publication, their work informing the content of our programme.

Course information

English Literature MA

The English Literature MA offers a combination of approaches to the study of literary texts which includes historical, author-oriented readings, periodisation and a post-millennial focus.

The introductory module - Reading, Research and Writing - reinforces and develops the required skills and competencies relevant to literary studies. From the third term, you'll research an agreed topic of your choice, supervised by internationally-recognised scholars, after which you'll submit a dissertation.

The course offers you the opportunity to study a range of topics and periods, including contemporary literature. It is designed for students looking to enhance their career prospects; for those wishing to take their general studies in English Literature to the next level; and for those preparing specifically to undertake further doctoral research in literary studies.

Typical modules

Reading, Writing and Research; Postmillennial Literature; A British Literary Decade: A Historical Approach; Author study; Dissertation in Post-1789 Literature

Mode of study

1 year full-time
2 years part-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/ma-el

“My favourite thing about the course is our reading materials that are contemporary and reflect themes that invite engaging discussion. I enjoy my course so much it feels less like work and more like fun.”

Natalie Hayden, English Literature MA



Research areas

You can undertake your research in a number of areas within English. Our academics are specialists in their field, with particular focus on the following themes:

- ▶ **Processing Literary Criticism**
- ▶ **Close Textual Analysis of Primary Texts**
- ▶ **Historical Contextualization**
- ▶ **Practice in Theoretical/Conceptual Readings**
- ▶ **Trauma and Associated Theories**
- ▶ **Both Contemporary and Historical Literature**

Careers and your future

On the course you'll develop vital skills for careers in publishing, print and electronic media, the culture industries and education. These skills also apply in other professions such as law, the civil service, advertising, market research and marketing, and financial services and business.



TAUGHT BY EXPERTS

Daljit Nagra

Daljit is Admissions Tutor and lecturer for Creative Writing. As well as being the inaugural poet in residence for BBC Radio 4 & 4 Extra, he is also a critically acclaimed writer. He has published a number of books and poetry collections often relating to the experience of Indians born in the UK. Some of the many awards he has won for his work include the Forward Poetry Prize for 'Best Individual Poem' and 'Best First Collection' as well as being shortlisted for the TS Eliot Prize on two occasions.





Film Studies

The field of public relations has grown dramatically in the past 20 years and this has had profound implications for the media and other institutions that rely on the media to disseminate knowledge.

Our MA in Media and Public Relations offers an innovative combination of theory and practice that includes analysis focusing on the use of public relations and marketing by media organisations.

- ▶ **Media and Public Relations MA**
- ▶ **PhD / MPhil**

Why study Film Studies at Brunel?

This programme brings two big sectors together to study their interrelationships: the media and PR. It combines theoretical and historical understanding of media and PR with professional practice development.

The programme is taught by academics who can bring theory and practice together in an informed and productive fashion. This means you will develop your critical thinking skills alongside your professional practice skills.

www.brunel.ac.uk/film-studies

“Most of the MAs in Britain focus on corporate public relations and are either predominantly practical or theoretical courses that sit within more traditional mass communications curriculum, and focus on the important area of political communications and the news media. Our MA is innovative because it combines theory and practice.”

Michael Wayne, Professor in Media



Our innovative MA combines theory and practice, putting us at the forefront of this field.

Course information

Media and Public Relations MA

The course examines the role of PR as a media practice for corporate, state and civil society organisations and its relationships with 'the media', such as press, film and social media. It explores how PR and the media work, how they work together and how they are part of broader social dynamics as well as inequalities of power and prestige. You will understand key concepts such as branding and reputation management, the role of celebrity and advertising and communications. The course also examines contemporary developments in PR and marketing more generally, including the recent prevalence of social media in public relations practice and the convergence of public relations with other marketing and promotional activities. You will develop practical PR skills and strategies through campaign projects, including, if you wish, in your final dissertation.

You will be taught by experts with both theoretical and practical experience. You will reflect critically on the function of PR in marketing, political communications, civil society organisations and media companies.

Typical modules

Key Issues in Media Public Relations;
Building a Campaign; Promotional Cultures

Mode of study

1 year full-time
2.5 years part-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/ma-mpr

“The skills I learned on this course enabled me to find work as a communications executive in the charity sector immediately after completing my dissertation. I can highly recommend the course and its lecturers.”

Lisa Boyles, Media and Public Relations MA



Research areas

You can undertake your research in a number of areas within Film Studies. Our academics are specialists in their field, with particular focus on the following themes:

- ▶ PR Campaigns
- ▶ PR and Branding and Celebrity
- ▶ PR and Cultural Conflicts
- ▶ PR and the Media
- ▶ PR and Social Media
- ▶ PR and Crisis Management
- ▶ PR and Political Communications
- ▶ PR, NGOs and Social Movements

Careers and your future

The course develops theoretical knowledge and practical skills that are prized by employers globally.

Our graduates enter a broad range of careers in private and voluntary organisations such as press and broadcasting, advertising, NGOs and political organisations. Some graduates have developed their own PR consultancy companies.





Games Design

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

This intensive course is aimed at students who want to develop a comprehensive understanding of the factors, which shape the games industry and the techniques and principles used in the design and analysis of games. Brunel Games Design boasts a thriving post-graduate community focused on video games from a range of disciplinary perspectives.

The department offers an inclusive culture that brings together academic staff and students in lecture series, game jams, seminars, and workshops. Postgraduate students joining us are welcomed into a thriving research culture, and are encouraged to engage in pioneering research projects supported by lecturers who are active in theoretical research and creative practice.

- ▶ **Digital Games Theory and Design MA**
- ▶ **PhD**

Why study Games Design at Brunel?

The course is taught by a team of academics, specialising in games design, pedagogy and research and who understand the video games industry and the importance of networks and scholarly engagement to create innovative games. Staff have played a pioneering role in making games studies a new academic discipline and research across a range of related themes.

Students will experiment with practical games creation in workshops led by designers who work in the industry and will explore theories and concepts for analysing the values of games, play and pleasure.

Students will gain a unique focus on practical games design informed by theory - something that is not offered by any other university.

www.brunel.ac.uk/games-design

“I believe this award to be the best of its kind in the country offering a unique integration of theory and practical games design. If you're passionate about video and computer games and are devoted to their analysis and design this course is for you.”

Dr Thaleia Deniozou, Lecturer in Games Design



Opportunities to engage in game jams and other employability activities are provided, as well as a range of extracurricular activities such as board game nights and social gaming events.

Course information

Digital Games Theory and Design MA

Video games are a rapidly growing industry. Our MA fulfils a worldwide demand for highly skilled, educated individuals, developing skills that are highly prized in today's competitive job market.

This is not a software or graphics training course. You will focus on practical games design, experimenting with and devising the game-play experience including creating rules, gameplay mechanics and user experience. You'll explore the core concepts of games research and analysis and consider cultural perspectives of video games and society.

You'll have 24-hour access to the Games Lab - a great space to work, study and play games of all formats with other students. Prototyping software are available in the Lab. Opportunities will be provided to practise the creative and technical skills to make connections with other games design cohorts and industry experts.

Typical modules

Game Design; Socio-Cultural Contexts; Critical Approaches; Dissertation in Digital Games

We are reviewing this course for 2019 entry, to ensure we continue to provide the best teaching and learning experience for our students. Please visit our website for the most up-to-date information.

Mode of study

1 year full-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/ma-dgtd

“The Digital Games Theory and Design course is an amazing blend of theoretical rigour and practical skills. With excellent lecturers and talented fellow students, this MA makes me feel prepared to work in the industry.”

Richard Coles, Digital Games Theory and Design MA



Research areas

The Games Design department hosts a dynamic community of researchers who work in a wide and diverse range of topics. Our research is highly interdisciplinary and we engage with research groups at Brunel, an extensive network of other universities, and professionals in the creative industries.

Some current research themes include:

- ▶ **Transdisciplinary work looking at player agency in games through philosophic, artistic, anthropological, technological lenses**
- ▶ **The effective use of a wide range of theoretical perspectives in practical design**
- ▶ **The relationships between analogue games (board games, role-playing games, live role-playing games) and digital games**
- ▶ **Games for change - using games for awareness and social innovation**
- ▶ **Game-based learning (GBL)**
- ▶ **Teaching and learning in creative disciplines**
- ▶ **Ludomusicology**
- ▶ **Socio-cultural Studies, Games and Music**
- ▶ **Notions of performing and making through play as an experiential design method**

Careers and your future

As a Digital Games graduate you will have the potential to enter the games industry through jobs including games designer, level designer, producer, games user researcher etc. The course may also interest those already working in the industry and want to update their creative and technical skills.

Our alumni have gone on to work at a wide range of studios in London, the UK and abroad including Rovio, King, Mediatonic and the Creative Assembly.

Students will develop a range of transferable skills sought out by employers in the media and creative industries such as critical thinking, communication, creativity, effective presentation, collaboration and analytical skills.



BRUNEL STORIES

Alumna goes up a level in games industry

A former Brunel student's impact on the games industry has been recognised by Develop, a monthly magazine at the heart of the industry, who named her in their top 30 Under 30 list.

Rosa Carbo-Mascarell (MA Digital Games: Theory & Design, 2015) works at the Creative Industries Federation levelling up the games industry to high art by developing games and hosting events that bring the games industry and arts world closer together.

Rosa said: "Brunel played a pivotal role on my journey into games. Not only is the quality of education there world-leading, there is a very strong sense of community and lecturers are very well connected in both the industry and academia. We got to meet and chat with legendary games designers, play board games with our lecturers and spend many late nights in the labs making friends with talented people - some of which I've gone on to publish games with."



History

Brunel has a strong reputation for teaching excellence and cutting-edge research, offering an innovative range of programmes in History, Intelligence and Security Studies and Politics.

You will be taught by world-famous experts, and our thriving academic community also welcomes research degree students. History at Brunel benefits from the range of archives based in London.

- ▶ **Military History MA**
- ▶ **PhD / MPhil**

Why study History at Brunel?

You'll be taught by established academic specialists who draw on their world-class research and publications to deliver student-centred teaching.

You'll be taught through lectures, seminars and workshops and assessed on your coursework and examinations. You'll also complete a 12-15,000-word dissertation, drawing on the wide expertise of staff in the department. You will be assigned a personal tutor to help guide you throughout your studies. All coursework feedback is done face-to-face in one-to-one tutorials.

You will develop important transferable skills such as analysing and prioritising information, the ability to think critically and communicate clearly to a range of audiences.

www.brunel.ac.uk/history

“The military history programme at Brunel builds on the university's growing expertise in the subject, reflected in the new BA in Military and International History established in 2017.”

Professor Matthew Hughes, Chair in Military History



We have a superb research record with 64% rated as being World Leading or Internationally Excellent in REF 2014, placing us 12th in the UK for REF Intensity.

Course information

Military History MA

The Military History MA offers an in-depth study of warfare on land, sea and air across continents, from the Classical Age to the present. Taught by internationally recognised academics in military history, naval history, war studies, intelligence history and security/intelligence studies, the course will develop your understanding and critical awareness of debates and interpretations of military history.

We regularly invite guest speakers to lecture on specialist subjects. Previous speakers have included Professor Ilan Pappé (University of Exeter), Professor Avi Shlaim (Oxford University), Sir Tony Brenton (Cambridge University) and Professor Brian Holden-Reid (King's College London).

You'll receive access to the Royal Institute for International Affairs. The MA has links to world-renowned archives and libraries in and around London. These include the Caird Library (National Maritime Museum), The National Archives and Imperial War Museum. You'll have access to the Specialist Angus Boulton Military History library held at Brunel.

Typical modules

War in History, 1789 to present; The Royal Navy in the 20th Century; European Warfare in the Age of Muscle; Intelligence History: Failure and Success

Mode of study

1 year full-time
2 to 2.5 years part-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/ma-iss

“ Never did I believe that I would be arguing about the naval race in the early twentieth century, discussing Herman Kahn's nuclear strategy and working on the logistics of Alexander the Great campaign. My lecturers were excellent, always counter posing ideas, concepts and theory. ”

Ian Caren, Military History MA

Research areas

You can undertake your research in a number of areas within History. Our academics are specialists in their field, with particular focus on the following themes:

- ▶ **Modern Naval History**
- ▶ **Intelligence History and Studies**
- ▶ **Military History**
- ▶ **The World Wars**
- ▶ **Conflict in the Middle East**

Careers and your future

This course is a recent addition to our portfolio that develops graduates with all the excellent employability skills of advanced historians. These include skills in evidence gathering, analysis, problem solving, drafting and communications – skills that can be applied in a wide range of public and private arenas. You will also have the history specific skills for jobs requiring historians.

In addition, the course encourages in-depth engagement with issues relating to defence, security, intelligence and strategy – issues that are relevant to modern global society. The knowledge gained in exploring such topics is relevant to employment in all these areas.

TAUGHT BY EXPERTS

Professor Justin Fisher

Justin is Head of Brunel's Department of Social and Political Sciences, and Professor of Political Science.

Campaigning matters more than ever in British elections. Justin is currently researching how the parties deployed campaign resources in the constituencies at the 2015 and 2017 general elections, and with what level of electoral success. His research also examines how campaigning techniques have changed over the last twenty-five years.

Justin's research feeds into his teaching on parties, voters and elections.

Journalism

Journalism is a dynamic, creative and competitive environment. Brunel delivers a distinct programme that is internationally orientated to address the increasing need for critically engaged professionals with up-to-date skills.

Against the theoretical contexts of journalism you'll receive rigorous grounding in the fundamentals: news writing and reporting across platforms including video, sourcing and ethical editorial judgment.

- ▶ International Journalism MA
- ▶ PhD / MPhil

Why study Journalism at Brunel?

Our courses are distinctive in allowing you to develop your own professional practice while also learning about the latest technological, cultural and political developments that impact on different forms of journalism.

You will be taught by a team of academics based at Brunel, who have considerable professional and research experience, as well as visiting lecturers who are working journalists. We are unique in having a fully integrated team of practitioner-academics, as opposed to having separate academic and skills-based departments. Our teaching team are all engaged with the latest research in the field, as well as media studies, digital culture and political communication.

www.brunel.ac.uk/journalism

“ This is an exciting, distinctive degree that integrates practice and theory. We work on the assumption that good journalists are thinking journalists and the way we teach and engage with students is aimed at producing these qualities. ”

Christian Stiegler, Senior Lecturer, Journalism



Our staff and visiting lecturers have experience running newspapers, producing cross-media content for news platforms and generating cutting-edge research on journalism in Britain and around the world.

Course information

International Journalism MA

The International Journalism MA attracts applicants worldwide who want to report on events from around the globe. Particular attention is paid to global versus local media ownership, the legal context, issues pertaining to journalistic ethics and the role of journalism in the international political process.

Typical modules

News; Video Journalism; International Institutions; Global News Analysis; News and Feature Writing; Data Journalism

Mode of study

1 year full-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/ma-j

“After studying journalism at Brunel, I feel that I have become a more competent journalist and I that I am prepared to write for a paper in the UK. Thanks to the tremendous work by the lecturers I was able to get more work experience to go alongside my academic studies.”

Nicholas Frakes, International Journalism MA



Research areas

You can undertake your research in a number of areas within Journalism. Our academics are specialists in their field, with particular focus on the following themes:

- ▶ **Data Journalism**
- ▶ **Journalism, Humanitarianism and Human Rights**
- ▶ **Digital Cultures**
- ▶ **Political Communication**

Careers and your future

Brunel graduates are working in top newsrooms worldwide, including BBC World Service, The Guardian, The Independent, London's China Weekly, Norway's DTK TV News, news agencies, consumer magazines, websites, local and regional press and broadcasting. Several are award-winning journalists.





Law

Brunel Law School offers a diverse portfolio of Law taught and research programmes, designed to cover the needs of both continuing students and returning professionals, who wish to enhance their careers and enrich their expertise.

The programmes are sufficiently varied to enable students from different countries and backgrounds to pursue a wide range of interests in cutting-edge and contemporary areas of law.

In addition to our Master of Laws, we offer four further LLM programmes with specific focus on international commercial law, financial regulation and corporate law, international human rights law and international intellectual property law.

- ▶ **Master of Laws LLM**
- ▶ **International Commercial Law LLM**
- ▶ **International Financial Regulation and Corporate Law LLM**
- ▶ **International Human Rights Law LLM**
- ▶ **International Intellectual Property Law LLM**
- ▶ **Intellectual Property Law PGCert**
- ▶ **PhD / MPhil**

Why study Law at Brunel?

Studying law equips students with a variety of professional, transferable and interpersonal skills. They learn how to think critically and engage with complex issues. Choosing one of Brunel Law School's Postgraduate programmes will enable students to specialise in the area of their interest or make a career change. Graduating from one of Brunel's postgraduate programmes will help students differentiate themselves in a high-demand but competitive market. Brunel Law School's programmes are specially designed to prepare students not only for a career in law, but in many other disciplines as well.

www.brunel.ac.uk/law

“ Brunel Law School combines excellent reputation as an institution with quality of teaching by a diverse group of world experts. This is what distinguishes us as part of the Brunel Experience that we offer to all our students. ”

Dr Stelios Andreadakis, Senior Lecturer in Corporate and Financial Law – Director of Postgraduate Taught Programmes



For almost 50 years Brunel Law School has been amongst the top choices for students across the UK and from over 100 countries for Postgraduate study.

Course information

Master of Laws LLM

The Master of Laws LLM offers a range of specialist international and English law subjects, including aspects of commercial and international trade law, corporate and financial law, intellectual property and international human rights.

There is increasing demand for expertise in these areas and you can develop your own bespoke degree, allowing you to customise your studies and choose the subjects that most interest you.

Typical modules

The Practice of International Commercial Arbitration; International Criminal Justice; Corporate Governance and Corporate Social Responsibility; International Human Rights and Islamic Law

Mode of study

12 or 15 months full-time
24 or 27 months part-time

Start date

September and January

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/llm-law

“ My LLM at Brunel was an amazing experience and I had great support. I have since gone on to do a PhD, also at Brunel. ”

Folashade Adeyemo, Master of Laws LLM



International Commercial Law LLM

The International Commercial Law LLM provides a solid foundation in the competitive field of commercial law and a flexible route for you to focus on your own interests.

This degree will enable you to explore this extremely interesting field and approach it from both a European and international perspective. You will critically analyse legal concepts as well as practical scenarios – these are skills increasingly sought worldwide in response to the expansion of international trade, commerce and international regulation resulting from the recent technological developments and the current socio-economic and political climate.

Typical modules

Comparative Competition Law; Corporate Law; Theory of International Financial Regulation; International Trade Law; International Dispute Settlement; International Environmental Law

Mode of study

12 or 15 months full-time
24 or 27 months part-time

Start date

September and January

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/llm-icl

International Financial Regulation and Corporate Law LLM

This course focuses on the conceptual and theoretical aspects of substantive law and regulation in the field; the procedural mechanisms for the application of law; the challenges faced with the evolution of principles, rules and procedures; and the impact that financial regulation has on wider society. It also covers the practical aspects of banking and financial regulation from both a domestic and international perspective.

We are one of the few law schools in the UK offering this innovative programme for students interested in specialising in the most fast-growing area of law.

Typical modules

Theory of International Financial Regulation; Corporate Law; Practice of International Financial Regulation; International Trade Law; World Trade Organisation Law; Corporate Governance and Corporate Social Responsibility

Mode of study

12 or 15 months full-time
24 or 27 months part-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/llm-ifrci

“ I chose Brunel because an international and diverse university like Brunel allowed me to learn about international law far beyond my course. The discussions and experiences that one can make are truly unique. With the City of London so close by, is there a better place to study international financial law? ”

Falk Raudzus, International Financial Regulation and Corporate Law LLM



International Human Rights Law LLM

With our unique International Human Rights Law LLM you will become a specialist in this dynamic area of law. By engaging with many of the human rights issues in public debate today you will gain a comprehensive understanding of international human rights law and its connection with migration law as well as international and comparative criminal law.

The course emphasises the transformations in this area since the beginning of the 21st century, with the genesis of the International Criminal Court, the ongoing process of the United Nations reform and the post-9/11 shift to a more securitarian approach to criminal process values, in particular with regard to the war against terror.

Typical modules

European System of Human Rights Protection; Foundations of International Human Rights Law; Regional Systems of Human Rights Protection: America, Africa, Asia; Counter-terrorism and Human Rights; The Migrant, the State and International Law

Mode of study

12 or 15 months full-time
24 or 27 months part-time

Start date

September and January

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/llm-ihrl

International Intellectual Property Law LLM

Our International Intellectual Property Law LLM is one of the most comprehensive programmes in the UK. Intellectual property, especially at an international level, is a burgeoning area of law due largely to the impact of technology. The use of the internet and other cross-border communications and commercial technologies has led to the development of a complex legislative framework.

The course is for those looking to build a career as a practitioner or adviser at national or international level, and for students interested in pursuing an academic career. You will gain extensive knowledge on the fundamentals of intellectual property and you will familiarise yourself with policy and practical technology-related issues. The course is informed by our Intellectual Property research group which hosts seminars, workshops and international conferences.

Our LLM students can choose from a wide range of optional modules.

Typical modules

Copyright, Design and Allied Rights; International Intellectual Property Law; Privacy and Data Protection; Patent Law and Practice; Philosophical Foundations of Intellectual Property; Internet Law I – Substantive Legal Issues.

Mode of study

12 or 15 months full-time
24 or 27 months part-time

Start date

September and January

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/llm-ipl



WORK
PLACEMENTS

Intellectual Property Law PGCert

Designed for trainee patent attorneys and others working, or embarking, on a career in intellectual property law, this part-time course provides a comprehensive overview of theoretical, practical and management aspects of intellectual property. The course explains the fundamental principles of intellectual property law and the nature and scope of these rights. It explores the procedures – national and supranational – for granting and recognition of the rights and mechanisms for enforcement, as well as defences against enforcement.

The course is suitable for law graduates and those with backgrounds in sciences, technology, engineering and business. No prior legal knowledge is required as you will be introduced to legal principles on the course. The course will benefit legal practitioners, who wish to gain greater insight into the scope and application of intellectual property, those embarking on a career in IP law and more established practitioners seeking further professional development. The course is also valuable for those who regularly deal with intellectual property matters within industry or business, such as IP portfolio managers and IP administrators.

Typical modules

Copyright, Design and Allied Rights; Patent Law and Practice; Trade Marks and Allied Rights; Managing Intellectual Property.

Mode of study

1 year part-time

Start date

September and January

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/pgcert-ipl

“ This PGCert provided me with a fascinating career perspective! Lecturers are both IP professionals and esteemed academics, providing an intense integrative view of the IP field. I would highly recommend it. ”

Eleftheria Ledaki, Intellectual Property Law PGCert



Research areas

You can undertake your research in a number of areas within Law. Our academics are specialists in their field, with particular focus on the following themes:

- ▶ **Banking Law and Financial Regulation**
- ▶ **Taxation Law**
- ▶ **Islamic Law and Human Rights**
- ▶ **Comparative Competition Law**
- ▶ **Rights of Indigenous People**
- ▶ **Freedom of Religion**
- ▶ **Whistleblower Protection**

Careers and your future

The expertise you will gain from the Brunel Law School courses will give you a competitive advantage in a number of law-related fields. Our students improve their professional skills and enhance their legal practice work. They are sought after by top law firms, government agencies, the private sector and NGOs, while some of our graduates have pursued an academic career in the UK or abroad.

PGCert

You will develop the skills to pursue a career in intellectual property as a lawyer, patent or trademark attorney, IP portfolio manager, patent examiner or IP paralegal.

TAUGHT BY EXPERTS

Professor Arad Reisberg

Arad is Head of the Brunel Law School and Professor of Corporate Law and Finance. His research on corporate governance, culture and behaviour is trying to make companies more accountable.

Arad is a member of the Financial Markets Law Committee Advisory Group on Brexit. His research and external affiliations feeds into his teaching on comparative corporate law and corporate governance.





Politics

Both Intelligence and International Relations are exciting dynamic areas of study and our research active and committed staff offer a unique opportunity for theoretically informed practical, policy-oriented graduate study of issues around intelligence and IR.

Intelligence and security policy issues is one of the fastest growing areas of academic and public concern, especially since 9/11 and the wars in Iraq and Afghanistan. National governments, international agencies and international corporations need employees with a strong grasp of intelligence and security concerns who can also demonstrate first-rate skills of research and analysis.

International Relations offers the opportunity of a broader perspective upon world affairs covering security, the world economy and a focus on several regions.

- ▶ **Intelligence and Security Studies MA**
- ▶ **Intelligence Analysis PGCert**
- ▶ **International Relations MA**
- ▶ **PhD / MPhil**

Why study Politics at Brunel?

Our courses are designed and taught by experts in international relations and contemporary history. We pride ourselves on our friendly accessibility and the strong sense of community between our academics and students. You'll learn from lecturers who are internationally renowned for publishing and presenting papers worldwide, with their research often being reported on television and radio. You'll benefit from the expertise of our staff who are consultants to government departments including the Cabinet Office, Ministry of Defence, Home Office, Metropolitan Police, and Ministry of Justice.

Our proximity to central London's world-class research facilities, Westminster and Whitehall, means that you couldn't be better placed to immerse yourself in an established politics arena.

www.brunel.ac.uk/politics

“One of the great pleasures of teaching the IR MA is to see students invest in the debates that characterise the field as they grow in confidence and ability over the course of the year.”

Dr John MacMillan, Senior Lecturer in International Relations



We have a superb research record with 64% rated as being World Leading or Internationally Excellent in REF 2014, placing us 12th in the UK for REF Intensity.

Course information

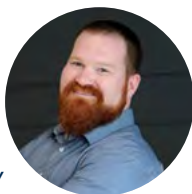
Intelligence and Security Studies MA

Taught by internationally respected scholars and backed up by practitioner expertise, the Intelligence and Security Studies MA offers a unique opportunity for practical, policy oriented graduate study of intelligence issues across the private and public sectors around the world. You'll study a range of modules over one year (full-time) or over two years (distance-learning).

Typical modules

Contemporary Threats and Analytical Methodology; Intelligence Analysis Foundations, Methods and Applications; Intelligence Concepts, Issues and Institutions; Intelligence History: Failure and Success; Counterintelligence and Security

“This course has been an incredibly challenging and rewarding programme. The unique curriculum, hands-on teaching style, and extensive knowledge of the teaching staff convinced me that it was worth it to move from the United States and study at Brunel! It was quite possibly one of the best decisions I have made in my academic life.”



Robert Holland, Intelligence and Security Studies MA

Mode of study

1 year full-time
2 or 2.5 years part-time
2 years distance-learning

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/ma-iss

Intelligence Analysis PGCert

Students on the distance-learning Intelligence Analysis PGCert will study two compulsory modules but will not complete a dissertation.

Typical modules

Contemporary Threats and Analytical Methodology; Intelligence Analysis Foundations, Methods and Applications; Intelligence Concepts, Issues and Institutions; Intelligence History: Failure and Success; Counterintelligence and Security

Mode of study

1 year distance-learning

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/ma-iss

International Relations MA

The International Relations MA is taught by internationally renowned scholars in international relations and cognate fields. The programme offers students a solid grounding in the theoretical and practical challenges that mark the deep structure of international relations, systematic coverage of core subfields, and a range of contemporary and exciting electives.

You'll develop your ability to interpret international relations issues more deeply and to think creatively about the challenges facing the world in the 21st century. You'll enhance your critical analysis skills and you'll develop your ability to understand and formulate complex arguments at a postgraduate level.

Students will also enjoy our institutional membership of Chatham House, the leading London think-tank on international affairs.

Typical modules

Evolution of International Relations; International Security; International Political Economy; The United States in World Affairs, 1945-2001; Middle East Security; China and Contemporary Geopolitics; Democracy and Intervention; The Migrant and the Law

Mode of study

1 year full-time
2 or 2.5 years part-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/ma-ir



WORK
PLACEMENTS

“I was drawn to the International Relations MA at Brunel because it gave me the freedom to choose modules that were specific to my research interests as I wanted to develop an understanding of the problems facing international security and how these contribute to the current world crises.”



Yasmeen Razaq, International Relations MA

Research areas

You can undertake your research in a number of areas within Politics. Our academics are specialists in their field, with particular focus on the following themes:

- ▶ **The Politics of Intervention**
- ▶ **Terrorism**
- ▶ **The Capitalist World Order**
- ▶ **Post-1945 US Foreign Relations**
- ▶ **China's Regional Relations**
- ▶ **Intelligence Organisation and Management**
- ▶ **Intelligence Doctrine**
- ▶ **Horizon Scanning and Futures**
- ▶ **Intelligence History**
- ▶ **Structured Analysis**

Careers and your future

Intelligence and Security Studies

Our graduates secure jobs in the private and public sectors with most pursuing careers in intelligence and security studies. Those already in government employment have found that the course supports their promotion, commissions or provides new employment opportunities post-retirement. Private sector opportunities are especially strong in analytical functions for the banking, resources and risk and security sectors.

International Relations

Our graduates have followed careers in a wide range of organisations including government, international institutions, non-governmental organisations, business, research institutes and security. Some of our graduates choose to pursue further study at doctoral level.



Aerospace Engineering

Air transport has proven very resilient, it continues to experience a steady growth and it is predicted to grow significantly over the next 20 years.

With evergrowing environmental and economic concerns, the challenge that faces aviation is the need for well-equipped and industrial-ready aerospace engineers who will meet these demands.

At Brunel the MSc degree allows you to achieve the advanced skills required in the industry and to have an exciting experience during your studies.

► **Aerospace Engineering MSc**

► **PhD**

Why study Aerospace Engineering at Brunel?

The Aerospace Engineering MSc at Brunel addresses the highly demanding requirements of the aerospace industry, developing postgraduate engineers with theoretical and practical skills through taught modules. Skills acquired are highly sought after not only in the aerospace industry but also in a wide range of engineering contexts including the design of motor racing cars.

Aircraft design, aerodynamics, space mechanics, spacecraft design, propulsion systems, computational techniques and the role of flight simulation in aerospace are taught at an advanced level.

You will be involved in practical and challenging individual and group aerospace project work. This would typically be centred around our pioneering research, with a focus on innovative solutions within the aerospace industry through the designing, building and testing of concepts. You'll solve real-life problems using computational fluid dynamics, computational structural mechanics and flight mechanics.

www.brunel.ac.uk/aerospace-engineering

“The Aerospace Engineering MSc here at Brunel is designed to create postgraduate engineers with a good grounding in fundamental principles, science and practical skills and an appreciation for current technological challenges. With strong industrial links, this MSc degree is delivered by experts in the field providing students with the experience to stand them in good stead for a successful career ahead.”

Dr Mayo Adetoro, Course Director



Brunel is ranked a top 20 engineering and technology university in the UK. (*Times Higher Education World University Rankings 2018*)

Course information

Aerospace Engineering MSc

Brunel's Aerospace Engineering MSc is accredited by the Royal Aeronautical Society and the Institution of Mechanical Engineers.

You'll be taught through lectures, seminars, lab sessions, talks and workshops. Aspects of the course that focus on current topics in aerospace will be delivered via lectures from experts in the aerospace industry.

A significant part of this degree is the research project. You will be able to select your topic from a wide range of projects offered by our academics, which are often aligned with their ongoing research. The taught aspects of this degree will equip you with the skills and knowledge that you will need to apply in your research project.

Typical modules

Design and Analysis of Aerospace Vehicles; Advanced Aerodynamics, Propulsion Systems and Space Mechanics; Current Topics in Aerospace; Research Methods and Sustainable Engineering; Strategic Management, Innovation and Enterprise; Aircraft Structures, Loads and Aeroelasticity; Group Project in Aerospace Engineering; Dissertation

Mode of study

1 year full-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6 (minimum 5.5 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-ae



ROYAL
AERONAUTICAL
SOCIETY

Institution of
**MECHANICAL
ENGINEERS**

Research areas

You can undertake your research in a number of areas within Aerospace Engineering. Our academics are specialists in their field, with particular focus on the following themes:

- ▶ **Aeroacoustics**
- ▶ **Aerodynamic Flow Control**
- ▶ **Aircraft Structures - Landing Gear**
- ▶ **Computational Fluid Dynamics**
- ▶ **Computational Solid Mechanics**
- ▶ **Flight Testing**
- ▶ **Fluid-Structural Interaction**
- ▶ **Helicopter Rotor Aerodynamics and Structural Mechanics**
- ▶ **Morphing Wings**
- ▶ **Racing Car Design**
- ▶ **Turbomachinery**

Careers and your future

There is significant and growing demand in the aerospace engineering industry for well-qualified engineers in the UK and other European countries.

There are roles available in a broad range of areas including strategic management, enterprise, research and innovation. The research areas of safety, security and sustainability are of particular importance to the future of the aerospace industry.

Recent graduates gained employment as design engineers at Airbus and Optar, submarine engineer at BAE Systems and aerospace engineer at Atkins.





Chemical Engineering

The rapid rise in the world's population has caused environmental concerns, posing global challenges for the future of the planet and our society. Chemical engineers have unique process and practical tools combined with problem-solving skills to meet these challenges.

Substantial growth of the biopharma, agrichemical and food industry means there is strong demand for Bioprocess Engineers.

These areas of high economic activity generate substantial added value. Production of biological medicines, nutraceuticals and healthy crops are critical for mankind and for improving quality of life.

Brunel's new Bioprocess Engineering MSc is based on industrially relevant technologies and the core structure of the course reflects the sequence of process unit operations for biomanufacturing, as well as addresses modern issues of safety and cybersecurity of industrial production.

- ▶ **Bioprocess Engineering MSc**
- ▶ **PhD**

Why study Chemical Engineering at Brunel?

The Bioprocess Engineering MSc course bridges between engineering, materials, chemical, physical and biological sciences to give you knowledge in the state-of-the-art bioprocesses used in production and research for your future career in industrial Bioprocess engineering or related fields.

Bioprocess engineering is one of the most important parts of biopharmaceutical (cell-based therapies) production. Brunel's unique stand-alone course addresses the rise in demand for this discipline. It brings together innovation and industrial reality.

www.brunel.ac.uk/chemical-engineering

“ Our Bioprocess Engineering MSc is an exciting opportunity for (bio)chemical engineers, biochemists, separation scientists and researchers to advance and update their knowledge in this field or change their specialisation. It is aimed to generate experienced bioprocess engineers with a detailed insight into industrially relevant processes in biopharma, agrichemical and food industries. ”

Dr Svetlana Ignatova, Course Director



We have well connected links to local biopharma and agrichemical industries including GSK, Lonza Biologics, UCB Pharma and Syngenta.

Course information

Bioprocess Engineering MSc

- course subject to approval

This unique course focuses on downstream processing using our strong engineering background, experience and industry connections. The innovative programme addresses Cybersecurity, Big Data and Safety.

You'll be taught through lectures, tutorials and labs. All practical sessions will be based in the facilities of the Advanced Bioprocessing Centre where you'll have access to four dedicated labs including a pilot-scale lab.

We also arrange guest lectures from industry collaborators. Industrially relevant, interdisciplinary dissertation projects will help you develop a full understanding of requirements for future employment.

The course has been developed in line with accreditation guidelines of the Institution of Chemical Engineers (IChemE) and it is subject to international accreditation to enable all students to gain the status of Chartered Chemical Engineer.

Typical modules

Biochemical Process Engineering; Advanced Downstream Processing; Bioprocess Design, Integration and Process Safety; Innovation Toolbox; Dissertation

Mode of study

1 year full-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6 (minimum 5.5 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-bpe

Research areas

You can undertake your research in a number of areas within Chemical Engineering. Our academics are specialists in their field, with particular focus on the following themes:

- ▶ **(Bio)Particles Fractionation**
- ▶ **Centrifugal Partition Chromatography**
- ▶ **Continuous Liquid-Liquid Extraction (CLLE)**
- ▶ **Counter-current Chromatography**
- ▶ **Downstream Processing (DSP)**
- ▶ **3D Manufactured Microfluid (CLLE)**

Careers and your future

You'll be equipped with a detailed insight into industrially relevant processes in biopharma, agrichemical and food industries and their integration.

Our graduates are ideally placed for employment as bioprocess engineers in biopharmaceutical, biotechnology and bioprocess organisations.



BRUNEL STORIES

Safer, greener and cheaper freezers

Scientists at Brunel have engineered an innovative new method to build the next generation of freezers that are safer, eco-friendly and save money.

The team at Brunel have developed freezers capable of reaching low temperatures that boast a 50 per cent reduction in liquid nitrogen use compared to conventional equipment.

Professor Hussam Jouhara, of Brunel's Institute of Energy Futures, said: "At the heart of the new system is the concept that what we needed was to be able to efficiently transfer cold. The cold in our design comes from liquid nitrogen. But unlike conventional cold storage using the liquefied gas we don't need to physically transfer the nitrogen. The cryogenic heat pipe is literally just moving the cold.

In safety terms this has major implications as in the US alone eight deaths a year are attributed to nitrogen asphyxiation. Our innovations mean the gas tanks can be situated safely outside in the open air."

Civil Engineering

Civil Engineering at Brunel takes inspiration from Victorian namesake Isambard Kingdom Brunel and builds on the solid foundations of his tradition by uniting it with the very cutting edge of the subject.

Rising populations, 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.

- ▶ **Flood and Coastal Engineering MSc**
- ▶ **Project and Infrastructure Management MSc**
- ▶ **Structural Engineering MSc**
- ▶ **Water Engineering MSc**
- ▶ **PhD / MPhil**

Why study Civil Engineering at Brunel?

Our custom-designed technical facilities include modern material/structure testing, water treatment, soil sampling rig, marine testing and road repairing system.

You will gain the enhanced 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.

www.brunel.ac.uk/civil-engineering

“ Civil at Brunel integrates modern teaching and world-leading research to support technical and commercial needs. Our extensive links with industry, research active academics and state-of-the-art facilities, provide an innovative learning culture that nurtures the talent of our students and helps them secure impressive positions in industry. ”

Professor Mizi Fan, Head of Department



You'll have the opportunity to work on real projects through our extensive links with industry.

Course information

Flood and Coastal Engineering MSc

Flood and Coastal Engineering is a civil engineering programme that specialises in the engineering design of coastal, estuarine and river environments. This includes assessment of coastal processes and flood risk as well as design of flood and coastal engineering defence works.

The course engages students in knowledge, understanding and application of sustainable engineering solutions and is closely aligned to environmental, social and climatic issues affecting our world today.

On this course you'll develop your knowledge of structural design, geotechnics and how to manage and mitigate risk against extreme flood events through environmental assessment and strategic management. You'll also develop your skills in hydraulic modelling, flood estimation and engineering design.

You'll be introduced to subject material including key concepts, information and approaches through lectures and seminars, laboratory practicals, field work, self-study and individual research reports. A personal tutor will be allocated to support you during your time at Brunel.

You'll be assessed in a variety of ways including assignments, lab and design reports, project work, presentations, posters and examinations.

The course is sponsored by the Environment Agency, supported by local authorities across the UK, and is delivered in collaboration with HR Wallingford, a renowned independent civil engineering and environmental hydraulics organisation with expertise in flood risk assessment and management.

Typical modules

Flood and Coastal Science and Risk Theory; River and Coastal Methods; Mathematical Methods, Data and GIS; Structures, Soil Mechanics and Design; Professional Development and Summer School; Flood and Coastal Engineering and Modelling Theory; Flood and Coastal Engineering Design Project; Dissertation

Mode of study

1 year full-time
2 years part-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6 (minimum 5.5 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-face



WORK
PLACEMENTS

“The course at Brunel was my first choice. Not just because of the multicultural atmosphere, but the many course activities including scientific recognition of investigation projects. It's been great and all my lecturers are really competent and easily reachable.”

Miguel Andrade Sambé, Flood and Coastal Engineering MSc



Project and Infrastructure Management MSc

Modern construction and engineering projects persistently face complex challenges due to uncertainties of physical, political, technological and economic risks associated with the delivery of such projects. This, along with the strict sustainability requirements increasingly demanded by governments, is unsettling to contracting parties. In addition, existing civil infrastructure is severely strained and fast deteriorating as a result of inadequate maintenance and rapid population growth. These issues have created a growing need for graduates who understand project infrastructure planning, construction, management and maintenance issues.

The course explores 21st century issues surrounding risk management, planning and programming, cost control, people and information management, contract/procurement management and sustainability. You'll develop the knowledge, creativity and transferable skills for managing contemporary projects from inception to completion; and for maintaining the resulting infrastructure throughout its lifetime.

Mode of study

1 year full-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6 (minimum 5.5 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-pim

Typical modules

Sustainable Project Management; Quality Management and Reliability; Risk and Financial Management; Managing People and Organisations; Infrastructure Management; Research Methods and Professional Development; Geo-environmental Management for Civil Engineers; Procurement and Contract Management; Dissertation



Structural Engineering MSc

Structural engineers help to make, shape and maintain the built environment. They are professionals who enjoy innovation, challenge, opportunities, responsibility and excitement in a varied and satisfying career.

To meet the increasing demand for structural engineers to design safe, economic and environmentally-friendly buildings, this programme gives you a thorough grounding on current practice in dealing with structural fire and earthquake resistances and the design of carbon neutral buildings.

We are currently seeking accreditation with the Joint Board of Moderators (JBM). The JBM comprises the Institution of Civil Engineers, Institution of Structural Engineers, Chartered Institution of Highways and Transportation, and Institute of Highway Engineers.

Typical modules

Non-linear Structural Analysis and Finite Element Method; Structural Dynamics and Seismic Design; Advanced Construction Materials and Structural Retrofitting Technology; Advanced Reinforced and Prestressed Concrete Design; Advanced Steel Design; Contemporary Structures and Sustainable Construction; Structural Design for Fire; Research Methods and Professional Development; Dissertation

Mode of study

1 year full-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6 (minimum 5.5 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-se

Water Engineering MSc

The global shortage of qualified civil engineers includes specialists in water engineering. This course redresses this imbalance by developing graduates with the advanced knowledge and skills for senior roles in the water engineering industry.

To demonstrate the links between theory and practice, we arrange site visits. Our industry partners include industrial professionals with significant practical experience who contribute to the development of the course.

You'll develop your skills in gathering and understanding complex information from engineering, scientific and socio-economic sources. We teach generic modules on finance and project management to underpin specialist modules on water engineering. You'll also be introduced to issues relating to risk and health and safety.

The MSc is supported by the Royal Academy of Engineering Visiting Professors Scheme.

Typical modules

Sustainable Project Management; GIS and Data Analysis; Water Infrastructure Engineering; Risk and Financial Management; Hydrology and Hydraulics; Water and Wastewater Treatment Engineering; Water Process Engineering; Research Methods; Dissertation

Mode of study

1 year full-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6 (minimum 5.5 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-we



Research areas

You can undertake your research in a number of areas within Civil Engineering. Our academics are specialists in their field, with particular focus on the following themes:

- ▶ **AI in Materials and Construction**
- ▶ **Energy in Buildings**
- ▶ **Life Cycle Analysis**
- ▶ **Materials innovation from nano to macro scales**
- ▶ **Novel technological solutions for waste**
- ▶ **Sustainable Buildings/Infrastructure**
- ▶ **Water Engineering and Flood Management**
- ▶ **Wellbeing in Construction**

Careers and your future

There are many career options in the civil engineering and construction industry in the UK and overseas. Potential employers include public sector infrastructure client organisations and private construction organisations (general contractors, sub-contractors).

There are also opportunities with engineering consulting firms, engineering/construction management consultants, architectural firms, engineering and construction law firms, real estate developers and government departments and agencies responsible for significant project portfolios.



BRUNEL STORIES

Infrared machine lightens pothole repair bills

Researchers at Brunel have discovered a way to save millions on repairing Britain's roads.

Backed by engineering firm, Epicuro, our researchers have developed a portable machine that uses infrared heating to repair roads. The price of patching up potholes could reach £14bn in two years in England and Wales, this machine could make these repairs cheaper and longer-lasting.

Dr Mujib Rahman, Senior Lecturer in Civil Engineering, said: "We spend ever increasing amounts on temporary and permanent repairs, often with inadequate results. This shows that through better understanding of repair fill material heating, we can deliver repairs that last a lot longer than their current life expectancy of two to four years. This can create better-quality road surfaces which would make for fewer accidents and smaller maintenance budgets."



Computer Science

Computer Science at Brunel is home to a vibrant and talented community of students, researchers and academics.

We provide deep practical insight into the development and use of computational techniques and technology for modern and complex environments.

You'll benefit from the cutting-edge research carried out by our academics, as well as the strong links we have with business, both national and international.

- ▶ **Data Science and Analytics MSc**
- ▶ **Digital Service Design MSc**
- ▶ **Information Systems Management MSc**
- ▶ **PhD / MPhil**

Why study Computer Science at Brunel?

Our Computer Science department is based in a new, state-of-the-art building full of lots of new technology and innovation.

You'll be taught in a variety of ways to make your learning dynamic, enjoyable and effective. Lectures offer a broad overview of key concepts and ideas, creating a framework for more in-depth study, whilst laboratory work will help you to develop and understand the technical skills needed to build software.

Our excellent facilities include servers running state-of-the-art software for the exclusive use of our students. The department is a member of the Microsoft Alliance and the Apple iOS Academic Developer Programme.

We have strong networks and links with industry, which gives you access to a great choice of high-quality employers.

www.brunel.ac.uk/computer-science

“Our master's programmes support our students in developing the qualities and transferable skills necessary for employment. We have an exciting portfolio of offerings, all of which are taught by leading, world-class academics in the area and provide students with cutting-edge knowledge and skills in sought-after fields such as Big Data, Artificial Intelligence, User Experience, Human Centred Design, Business Strategy, and Technology-led Change Management.”

Professor George Ghinea, Director of Taught Postgraduate Studies



Computer Science at Brunel is ranked in the UK top 10 for Performance Ranking of Scientific Papers for World Universities. (NTU Ranking 2017)

Course information

Data Science and Analytics MSc

Data is being collected at an unprecedented speed and scale but 'big data' is of little use without 'big insight'. There is a shortage of skilled workers in the data analytics market who are able to develop such insight.

This course will provide you with the necessary skills. It combines a strong academic programme with hands-on experience of leading commercial technology and the chance to gain industry certification.

You'll develop your critical awareness of the state-of-the-art in data science as well as the practical skills to apply data science effectively in the business, science and social worlds. The course is run with SAS, market leader in business analytics software and services and the largest independent vendor in the business intelligence market.

Brunel's programme is unique. It's the only current MSc programme that is fully integrated with SAS, providing students the opportunity to undertake SAS base certification.

Mode of study

1 year full-time
2 years part-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-dsa

Typical modules

Quantitative Data Analysis; High Performance Computational Infrastructures; Big Data Analytics; Learning Development Project; Data Visualisation; Digital Innovation; Research Methods; Systems Project Management; Dissertation

Digital Service Design MSc

Digital service design is the art of building customer experiences with a strong digital element. This multidisciplinary course has been designed in collaboration with Wilson Fletcher, a leading digital design studio, to mirror current professional practices.

You'll explore areas of design and rapid prototyping, innovation methodologies, interview and workshop facilitation, journey mapping, customer research methodologies, project management and how to develop actionable recommendations.

You'll develop user experience design techniques for designing digital products and services. You'll work closely with leading digital industry figures and organisations.

The course's integration with leading companies will help you develop extensive knowledge of design theory and practice, equipping you for employment in the digital sector.

Mode of study

1 year full-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-dsd

“The course has provided me with the insight to design compelling user experiences. I'm equipped with the knowledge and skills to enter straight into a digital design agency.”

Simon Hughes, Digital Service Design MSc



Typical modules

Digital Design Methodologies; Digital Innovation; Systems Project Management; Data Visualisation; Digital Service Applications; Research Methods; Dissertation

Information Systems Management MSc

Information systems are becoming ever more central to society, especially in business and industry. Aspects of business that were once seen in isolation - the people, organisation, process, information and technology - are now expected to operate as part of a seamless whole, within and across enterprises.

Information systems managers provide a pivotal role in helping organisations get the most from the technologies they deploy. As society and technology develop, the most important skills for the future lie in developing individuals with the ability to understand and manage these complex and interrelated systems.

Typical modules

Systems in Context; Enterprise Modelling; Systems Project Management; Digital Innovation; Data Management and Business Intelligence; ICTs and Strategic Change; Research Methods; Business Integration; Dissertation

Mode of study

1 year full-time
2 years part-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-ism

Research areas

You can undertake your research in a number of areas within Computer Science. Our academics are specialists in their field, with particular focus on the following themes:

- ▶ **Digital Economy**
- ▶ **Information Systems**
- ▶ **Intelligent Data Analysis**
- ▶ **Interactive Multimedia Systems**
- ▶ **Modelling and Simulation**

Careers and your future

Our graduates are equipped to work in leading data science, digital design and information systems organisations.

Companies seeking to employ our data science graduates include Accenture, AstraZeneca, AXA Insurance, British Airways, Capgemini, Experian, FICO, GE Healthcare, HSBC, nPower, Orange, PayPal, Sopra and Waitrose.

Our digital design graduates have the opportunity to work in innovative blue-chip companies in areas like, digital project management, digital design, service design, information architecture, copywriting, strategy and UX architecture.

The companies that employ our information systems graduates range from the very large and multinational, to more niche small and medium enterprises. Our graduates are employed as business analysts, systems development analysts and consultants, both technical and managerial.



Design

All organisations use design, but few master its use strategically. Brunel's Design courses were among the first to globally explore the relationship between branding, innovation and design and the importance of applying a strategic approach using design thinking, design methods and process.

At Brunel, our courses combine unique critical examination and rigorous research with creativity and innovation.

- ▶ **Design and Branding Strategy MA**
- ▶ **Design Strategy and Innovation MA**
- ▶ **Integrated Product Design MSc**
- ▶ **PhD / MPhil**

Why study Design at Brunel?

Brunel's Design multidisciplinary master's courses are some of the most renowned and respected in Europe. Our postgraduate degrees prepare students from design and other creative disciplines to apply their knowledge and skills in the branding and innovation domain, developing high-level skills and creative thinking, learning to clearly communicate strategies for successful brand building, futures forecasting and change management.

Delivered by an extensive cross-disciplinary lecturing team, our master's degrees are enhanced by design and branding professionals who are part of Brunel's extensive network of industry collaborative partners.

These valuable insights enable students to make informed reference to the world beyond design - to users, the market, new technology, economics, politics, law and the global environment.

www.brunel.ac.uk/design

“ Brunel Design is one of the UK's leading design education providers. It has a long-standing reputation for excellence in teaching and high graduate employability. Students have access to a research active multidisciplinary academic team, and modern teaching and learning facilities, including a Master's Design Studio. Programmes benefit from industry engagement and extensive research expertise. ”

Dr Ian de Vere, Head of Department



You'll have the opportunity to network with our extensive list of industry collaborators through Designplus and the annual Made in Brunel showcase.

Course information

Design and Branding Strategy MA

This course focuses on using design to address key issues in branding. For example, it examines how design thinking can develop a new brand, or improve or expand an existing brand and enhance customer engagement.

Our popular 'Design Master's: Industry Student Review Evening' will connect you to experts from design, brand and business. Their professional and practical perspective will help you build a strong and clear direction for your research projects and dissertation.

The term 'Rich Design' describes the many extracurricular activities on offer for Design students at Brunel. Our exciting programme varies annually and has typically included activities such as the Made in Brunel 'Master's 2025' event and competitions sponsored by BT, KFC, Heathrow Airport, Crown Packaging and the Steam Museum. Students have presented at Innovation Workshop for major supermarket brands.

Other events include our L*unchbox Workshop in France and students have participated in international brand research led by a major brand group. There have also been opportunities for internships.

The course is delivered through lectures, workshops, self-study and individual and group project work.

Mode of study

1 year full-time
3 years part-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/ma-dbs

Typical modules

Strategic Design Management; Branding Strategy Studies; Innovation Strategy and Management; Design Research; Design and Branding Futures; Seminar and Workshop Programme; Design and Branding Research Project 1; Design and Branding Research Project 2; Dissertation

Design Strategy and Innovation MA

This course concentrates on how design might be a catalyst for innovation at all levels. This includes new products and services, new processes, new ways of working, managing creative teams and collaborating with stakeholders, new businesses and new practices.

Our popular 'Design Master's: Industry Student Review Evening' will connect you to experts from design, brand and business. Their professional and practical perspective will help you build a strong and clear direction for your research projects and dissertation.

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Other events include our L*unchbox Workshop in France and students have participated in international brand research led by a major brand group. There have also been opportunities for internships.

The course is delivered through lectures, workshops, self-study and individual and group project work. You'll be assessed on your written assignments, presentations and research project.

Mode of study

1 year full-time
3 years part-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/ma-dsi

Integrated Product Design MSc

This course focuses on the design of innovative products, services and systems, emphasising the balance between the interests of users, industry, society and the environment.

The course covers the whole design process, integrating all aspects relevant to product and service development in a global context. By blending technology, management, creativity, environmental sustainability, ergonomics, marketing and business with design methods, you'll develop the commercial awareness, problem-solving and innovation skills that are in high demand by 21st century employers.

Projects with industry partners are integrated into the course and you'll have the opportunity to network with our extensive list of collaborators through our Co-Innovate programme. They include leading multinationals Marks & Spencer, BT, Jaguar Land Rover, Heinz, Sony, Reckitt Benckiser, NCR, Crown Packaging, Birds Eye and many others. We also work with individuals with great design ideas, start-ups, small to medium enterprises and charities to provide applied design support for product and service innovation.

You'll be taught through lectures, seminars, lab sessions, talks and workshops. You will work on live briefs provided by our industry partners. There will also be guest lectures from design and industry experts. Your work will be predominantly assessed through practical project assignments including individual and group work and your dissertation.

Typical modules

Human Factors in Design; Sustainable Design; Professional Design Studio; Computer Aided Design and Manufacturing Techniques; Design Innovation Futures; Seminar and Workshop Programme; Design Creativity and Aesthetic Awareness; Strategic Design Management and Research; Dissertation

Mode of study

1 year full-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

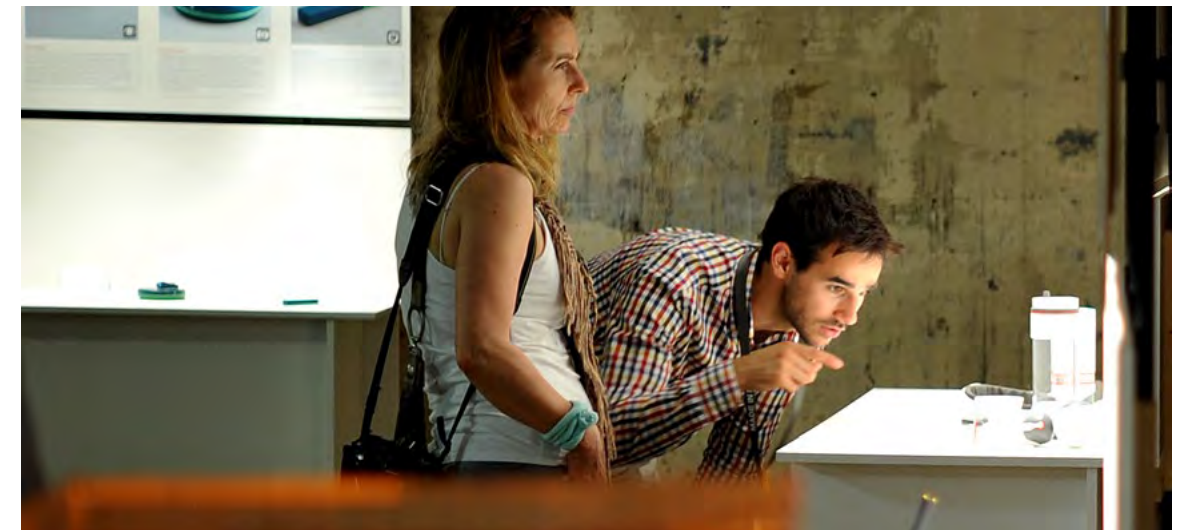
For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-ipd

“Working with students from different undergraduate backgrounds of engineering, design and business, as well as cultural backgrounds has allowed me to gain a wider perspective in design and different user/cultural experiences. It's been interesting to see how an engineer approaches product design in a very different way than a designer, which all in all has enhanced my experience even more. Brunel was a good choice.”

Zeina Mofti, Integrated Product Design MSc



Research areas

You can undertake your research in a number of areas within Design. Our academics are specialists in their field, with particular focus on the following themes:

- ▶ **Design for Innovation and the Creative Industries**
- ▶ **Design for Sustainability**
- ▶ **Human Centred Design**

Careers and your future

Design and Branding Strategy MA

Our graduates are working for companies like Design Bridge, Saffron, Imagination, Interbrand and Ogilvy. They have taken on roles such as brand strategist, brand consultant, brand manager and creative director.

Design Strategy and Innovation MA

Our graduates are employed by the likes of Procter & Gamble, Samsung, SK, LG Electronics, Asus, Plan and Seymourpowell in positions that include innovation consultant, design strategist, design manager and business developer.

Integrated Product Design MSc

Our graduates are employed in companies ranging from design consultancies, research and development departments to research institutions and government bodies. Roles include design team leader, design project manager or design researcher.



BRUNEL STORIES

Forbes recognition for Brunel entrepreneur

A Brunel graduate's innovative solution to the huge waste management problem created by supposedly 'dead' lithium batteries has seen him named one of Forbes' 30 Under 30 European science entrepreneurs.

Aceleron, the company founded by Carlton Cummins (Sustainability, Entrepreneurship and Design MSc) and business partner Amrit Chandan, creates the process to extract value from used lithium ion batteries. These batteries provide low cost battery packs for a growing number of emerging markets.

Carlton said: "My course changed my thinking about environmental problems and solutions design. It introduced me to many philosophies like clean technology and sustainable design which really helped shape my ideas."

Carlton has made further impacts in this industry. He recently won the Shell LiveWIRE Young Entrepreneur of the Year Award which included £25,000 in equity free funding.

Digital Media

Digital Media is the creative convergence of digital arts, science, technology and business for human expression, communication, social interaction and education.

It's the creative combination and interaction of all the traditional media such as audio, images, video, text, movement, touch with new media such as 3D graphics, visual effects, 3D images, 3D video, animation and interaction to provide new media experiences. At Brunel, you'll work in state-of-the-art digital media studios with leading industry experienced tutors to learn how to create your own portfolio of new media experiences using a mix of traditional and new media.

- ▶ **Advanced Multimedia Design and 3D Technologies MSc**
- ▶ **Digital Design and Branding MSc**
- ▶ **PhD**

Why study Digital Media at Brunel?

A digital media degree is focused on delivering key production skills needed to work in a variety of exciting careers after graduating, from interactive app development, to video editing and visual effects or 3D graphics design and animation.

If your ambition is to work with digital media in business and marketing industries then the Digital Design and Branding MSc will provide you with the skills you need to succeed. If however your ambition is to work with digital media in film/TV and creative industries then the Advanced Multimedia Design and 3D Technologies MSc will provide you with the skills needed to succeed.

www.brunel.ac.uk/digital-media

“ Brunel's world-class digital media courses are taught in state-of-the-art studios by our skilled and dedicated practitioners and academics. They have had commercial experience in London's digital media industries such as the BBC and Sky, so you'll be taught how to use the most recent digital design tools and techniques to produce creative and rich digital media. ”

Dr Ian Dear, Divisional Lead for Digital Media



You'll be taught using state-of-the-art green screen TV studio, audio studio, motion capture studio and design tools to develop creative new media experiences.

Course information

Advanced Multimedia Design and 3D Technologies MSc

The Advanced Multimedia Design and 3D Technologies MSc focuses on the creative art and design aspects of digital media within a strong technological context. It also examines the theory and practice of the technical tools and techniques required for creating 3D visual effects, interactive real and virtual reality media through the development of design and technological knowledge, understanding and skills.

On the course you'll learn a variety of multimedia and interaction design processes, design of 3D virtual reality and animation media, AV media and visual effects, and 3D media combined with real and virtual studio and on-location multimedia creation. You'll learn how to research into thematic and technological areas, identify and propose novel new ways of creating digital media, synthesise designs and produce appealing digital artefacts for your portfolio in your module assignments and MSc project using the digital design tools you have learnt to use or created in the course.

Our green screen TV studio lab, audio studio, 3D cameras and displays, and cutting-edge design tools are some of the most advanced equipment available to students in the world. You'll be taught the use of design tools such as advanced 3D technologies: Maya, Vicon Motion Capture, Motion Builder, 3D stereo and light field video cameras and displays; multimedia and interaction design: Unity 3D; audio visual post production: AfterEffects, Final Cut Pro, Nuke, Logic Studio Pro; and 3D film design and production: Nuke, Ocular.

The course is delivered through lectures accompanied with a strong emphasis on workshops, self-study and individual and group project work. You'll also complete a dissertation and have sufficient material by the end of the course to create your own impressive portfolio of work.

Modules are assessed by your individual and group digital design work and/or written assignments.

Mode of study

1 year full-time
2 years part-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6 (minimum 5.5 in all areas) or for equivalent, see page 39.

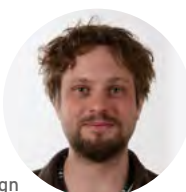
For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-ammd3d

“ The course is both challenging and rewarding. It has provided me with the knowledge of all aspects in 3D content creation and the technical knowledge to be proficient in the latest 3D design softwares. ”

Peter Andrews, Advanced Multimedia Design and 3D Technologies MSc



Typical modules

3D Computer Graphics and Advanced Animation; Multimedia and Interaction Design; Audio Visual Post Production; Multimedia Research Directions; 3D Film Design and Production; Dissertation

Digital Design and Branding MSc

Digital media and the internet are having a huge impact on the way brands and consumers interact. As these technologies continue to develop, even greater opportunities will arise for those who are able to combine traditional marketing insight with a true understanding of digital media, capturing these benefits and articulating them at both an academic and professional level.

On the course you'll research, design and prototype innovative digital products, services and experiences that help brand engagements with consumers. You will learn how to create new digital products with branding strategies to brand them as a start-up business.

The course also offers you the opportunity to develop the knowledge of digital design and branding. In particular, you'll learn UX/UI design, experience design and brand design with creative content creation. This gives you the opportunity to utilise digital media technologies for digital experience design and branding with practical experience of both digital design and branding concepts.

Brunel is one of the first universities in the UK to offer digital design courses. You will benefit from our highly experienced teaching and workshop staff.

Typical modules

Digital Branding Strategy; Multimedia Research Directions; Brand Experience Design; Digital Design; Digital Media Technologies; Dissertation

Mode of study

1 year full-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6 (minimum 5.5 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-ddb

“ The experience, knowledge and skills I have acquired on the course have superseded every expectation I had. I am not just a better designer and strategist, I am a better person. ”

Xsara Akpobome, Digital Design and Branding MSc

Research areas

You can undertake your research in a number of areas within Digital Media. Our academics are specialists in their field, with particular focus on the following themes:

- Games and Gamification
- Human-Computer Interaction
- Internet of Things and Big Data
- Medical Image Analysis and Visualisation
- Serious Game Designs
- 3D Imaging and Display Systems
- Video Image Digitization and Perservation
- Video Image Processing and Reconstruction

“ My course has equipped me with a better understanding of digital experience design and branding strategy. I have learnt various different skills and this has enabled me to pursue my PhD in the area of 3D micro-gestures at Brunel, so I am lucky to continue enjoying life here. ”

Yi Liu, Electrical Engineering and Electronics PhD

Careers and your future

Advanced Multimedia Design and 3D Technologies MSc

The course will prepare you for work in multimedia companies that develop rich media content. Our graduates are working as 3D computer graphics designers and animator artists, audio visual production designers, real and virtual studio designers, games designers and artists, programmers, multimedia learning tool designers, broadcast TV media designers, social and interactive internet media designers, and 4th generation cellular media and app designers.

The course also prepares students for strategic thinking, bidding for contracts and scientific and technological research skills.

Digital Design and Branding MSc

The course fully prepares students to work in creative industries, digital design agencies and client-side digital product design, and to provide digital branding solutions in modern, effective and innovative ways. Our graduates take on roles such as UX designer, interaction designer, digital product designer, web designer, creative director, visual/graphic designer and brand manager.

The course also prepares you for strategic and creative thinking, problem solving, bidding/pitching for contracts as well as scientific research skills to pursue a PhD in the area of digital design and human-computer interaction (HCI).

Electronic and Electrical Engineering

Our Electronic and Electrical Engineering degrees aim to develop the knowledge, skills and expertise that are necessary to match the rapid increase in industry needs for highly qualified engineers.

The department boasts an impressive set of high-quality teaching and learning resources as well as strong research links with industry and a good record of employment among graduates.

- ▶ **Advanced Electronic and Electrical Engineering MSc**
- ▶ **Computer Communication Networks MSc**
- ▶ **Distributed Computing Systems Engineering MSc (off-campus)**
- ▶ **Sustainable Electrical Power MSc**
- ▶ **Wireless Communication Systems MSc**
- ▶ **PhD / MPhil**

Why study Electronic and Electrical Engineering at Brunel?

Our MSc courses have been designed to link our active research areas with the underpinning knowledge to enable graduates to contribute and ultimately lead the rapidly evolving industries that use electronic and electrical engineering today.

You'll meet with and benefit from industry experts who contribute to taught modules and provide many of the topics for MSc dissertations. Specialist facilities, often based in research laboratories of staff teaching on the courses, expose students in a structured way to the challenges of open-ended problem solving.

We benefit from being located near much of the UK's information engineering industry. Our courses and related research are aimed at developing the expertise, knowledge and industrial relevance needed for engineers of the 21st century.

[www.brunel.ac.uk/
electronic-and-electrical-engineering](http://www.brunel.ac.uk/electronic-and-electrical-engineering)

“Our specialist master's programmes are taught by experts in their respective fields in conjunction with our industry colleagues who help us to provide the combination of theory and current practice that will help you to advance your careers in the world of Engineering.”

Professor Peter Hobson, Head of Department



Brunel is ranked a top 20 engineering and technology university in the UK.
(Times Higher Education World University Rankings 2018)

Course information

Advanced Electronic and Electrical Engineering MSc

The Advanced Electronic and Electrical Engineering MSc is for students who wish to pursue a broad programme of advanced studies in electronic and electrical engineering. The programme offers a wide range of specialist modules which enable graduates to consider many different career pathways.

The course's compulsory modules provide depth and breadth in key areas of electronic and electrical engineering: sensors and instrumentation, control, photonics, power electronics, telecommunications, intelligent systems, digital and analogue electronics and embedded systems.

Typical modules

Project Control and Management; Advanced Analogue Electronics and Photonics; Applied Sensors, Instrumentation and Control; Power Electronics and Flexible AC Transmission Systems (FACTS); Digital Electronics; Group Project; Dissertation

Mode of study

1 year full-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6 (minimum 5.5 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-aeee

Computer Communication Networks MSc

This MSc programme is for graduates of computer science, computer engineering, electronic engineering, physics and mathematics who wish to develop specialist computer communication networks, including local area networks, wide area networks, communication systems and associated infrastructure.

The programme has a particular emphasis on network security as well as network design and management. It provides students with not only technical skills and knowledge at an advanced level in computer communication networks, but also professional, analytical and management skills. In particular, there is a major research project which enables students to develop the specific subject specialism including a thorough understanding of the concepts and methodologies of research as well as practical transferable skills.

Typical modules

Advanced Digital Communications; Communication Networks Security; Network Design and Management; Radio and Optical Communication Systems; Project Control and Management; Computer Networks; Intelligent Systems; Research Methods and Professional Development; Project and Dissertation

Mode of study

1 year full-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6 (minimum 5.5 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-ccn

Distributed Computing Systems Engineering MSc

The course runs at the Technical Academy of Esslingen in Germany and is hosted by the Electronic and Computer Engineering department at Brunel. It covers essential topics related to distributed computing systems.

In recent years cloud computing has evolved as a promising large-scale distributed computing infrastructure for scientists and engineers around the world to share resources on the internet including computers, software, data and instruments. Lots of data centres are available for people to use computing resources in a cost effective way.

Recently big data is continuously receiving a significant effort from the industry facilitating data analytics in cloud hosted data centres.

On the course you'll develop the advanced technical and professional skills necessary for an enhanced career in industry or research related to software engineering and distributed systems.

Typical modules

High Performance Computing and Big Data; Software Engineering; Network Security and Encryption; Distributed Systems Architecture; Computer Networks; Embedded Systems Engineering; Intelligent Systems; Project Control and Management; Dissertation

Mode of study

18 months full-time

Teaching is delivered in Esslingen, Germany

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6 (minimum 5.5 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

Online through the Technical Academy Esslingen at: www.tae.de

Sustainable Electrical Power MSc

The course develops graduates capable of leading teams to operate, design, analyse, secure, stabilise, control, regulate and manage the sustainable electrical power systems and networks of the future.

You'll develop the ability to critically evaluate methodologies, analytical procedures and research methods in renewable energy sources; the design of stand-alone, grid connected and hybrid sustainable electrical power systems; power system engineering, using state-of-the-art computational tools and methods; power electronics for power quality and grid integration; and regulatory frameworks for power systems and electricity markets.

Typical modules

Sustainable Electrical Power Workshop; Sustainable Power Generation; Energy Economics and Power Markets; Power System Analysis and Security; Project Control and Management; Power System Operation and Management; Power Electronics and Flexible AC Transmission Systems (FACTS); Power System Stability and Control; Project and Dissertation

Mode of study

1 year full-time

2 years part-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6 (minimum 5.5 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-sep

Wireless Communication Systems MSc

The evolution of wireless communication systems and networks has been accelerating in recent years. On this distinctive course, students will develop a detailed technical knowledge of current practice in wireless systems and networks. Students will study the fundamentals of wireless communication systems and the latest innovations in this field.

Students also have the opportunity to explore new techniques in the upcoming 5G systems, including massive MIMO cloud and fog computing and big data analysis using smart systems. Students also have the opportunity to explore many wireless standards including UMTS, LTE-Advanced, WiMAX, DVB-S2, DVB-T2, ZigBee, UWB, Mesh and Ad-Hoc protocols.

The department has excellent resource in wireless communications with internationally recognised researchers and state-of-the-art equipment.

Typical modules

Advanced Digital Communications; Communication Networks Security; Network Design and Management; Radio and Optical Communication Systems; Project Control and Management; DSP for Communications; Wireless Network Technologies; Research Methods and Professional Development; Project and Dissertation

Mode of study

1 year full-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6 (minimum 5.5 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-wcs

“There are excellent facilities and professional teaching staff at Brunel. The lectures are interactive with a lot of discussions and I got a true essence of upcoming wireless communication technologies.”

Dhurgham Al-Khaffaf, Wireless Communication Systems MSc



Research areas

You can undertake your research in a number of areas within Electronic and Electrical Engineering. Our academics are specialists in their field, with particular focus on the following themes:

- ▶ **Electrical Power Systems**
- ▶ **Embedded and Autonomous Systems**
- ▶ **Large Scale Computing**
- ▶ **Sensors and Instrumentation**
- ▶ **Signal Processing**
- ▶ **Wireless Networks and Communications**

Careers and your future

There is a growing demand for electronic and electrical engineering graduates who are specialists in telecommunications, mechatronics, sensors and instrumentation, embedded systems, signal processing, software engineering, distributed systems, high performance computing, big data analytics, intelligent systems and sustainable systems.

Our graduates are well prepared for employment in the global electricity industry in operations or research engineering roles.

You'll benefit from Brunel's Institute of Power Systems links with major employers including EDF Energy, National Grid, Siemens, ABB, UK Power Networks, Centrica and GE Energy.

In the wireless and data communications sectors, our graduates work for a wide range of wireless and communications equipment manufacturers, vendors, service providers and end users. Leading data communications companies have recognised the unique blend of skills our courses provide and they have recruited our graduates for their UK, European and global programmes.



TAUGHT BY EXPERTS

Dr Ahmed Zobaa

Ahmed is a senior lecturer in Electrical and Power Engineering research into renewable energy, a field that demands better utilisation of indigenous resources, efficient use of all resources and increasing the capacity of low carbon and renewable resources.

His current work is about new challenges in the power quality in power systems which have emerged due to a high penetration level of large-scale renewable energy. These challenges include the complexity of efficient, economical, and secure utilisation of the existing power grid with this increased penetration level.



Mathematics

Brunel's Department of Mathematics focuses on equipping you with a wealth of mathematical knowledge and understanding that you can apply to the worlds of science, technology, business or wherever else your interests lie.

Mathematics is a fundamental subject that is constantly developing and a discipline in its own right. It supplies the theory behind countless commercial, industrial and technological activities.

Within our teaching and research environment there are many postgraduate research opportunities, and our research degrees are highly successful at providing state of the art preparation for future successful career opportunities.

- ▶ **Financial Mathematics MSc**
- ▶ **Statistics with Data Analytics MSc**
- ▶ **PhD / MPhil**

Why 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.

www.brunel.ac.uk/mathematics

“Mathematics at Brunel is distinguished by its focus on Computational and Applied Mathematics, Financial Mathematics and Statistics. Our dedicated members of staff are inspired by practical problems arising in industry, commerce and the life sciences, and work closely with their students to develop novel and efficient solution methods – as well as investigating many of the underpinning fundamental research issues.”

Dr Jane B. Lawrie, Deputy Dean of College and Reader in Applied Mathematics



Mathematics at Brunel is ranked in the UK top 10 for international outlook.
(Times Higher Education World University Rankings 2018)

Course information

Financial Mathematics MSc

Mathematical finance is an area of applied mathematics where concepts and techniques that lie close to the heart of pure mathematics are applied routinely to solve a great variety of important practical problems arising in the day-to-day business of the world's financial institutions.

The MSc course in Financial Mathematics at Brunel will equip you with a broad and in-depth knowledge of the mathematical techniques used by quantitative analysts in a wide range of investment institutions including banks and pension funds.

The highlights of the course include training in the use of the popular R programming language for financial applications and an optional module on cryptocurrencies.

Typical modules

Probability and Stochastics; Financial Markets; Option Pricing Theory; Financial Computing I; Interest Rate Theory; Research Methods and Case Studies; Dissertation

Mode of study

1 year full-time
2 years part-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6 (minimum 5.5 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-fm

Statistics with Data Analytics MSc

Statistical models and data analytics are the important tools for manipulating big data enabling you to deal with uncertainty quantification, prediction, and business decision making.

This MSc course trains you to choose the right statistical solution for a commercial task involving data analysis, be familiar with the statistical methods to deal with high-dimensional and massive datasets - and have programming skills to build appropriate solutions using big data technologies.

Typical modules

Quantitative Data Analysis; Research Methods and Case Studies; Computer Intensive Statistical Methods; Modern Regression and Classification; Data Visualisation; Big Data Analytics; Dissertation

Mode of study

1 year full-time
2 years part-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6 (minimum 5.5 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-sda

Research areas

You can undertake your research in a number of areas within Mathematics. Our academics are specialists in their field, with particular focus on the following themes:

- ▶ **Algebraic and Differential Geometry**
- ▶ **Big Data Analytics**
- ▶ **Computational Applied Mathematics**
- ▶ **Continuum Mechanics**
- ▶ **Financial Mathematics**
- ▶ **Foundations of Quantum Theory**
- ▶ **High Dimensional, Multivariate Statistics**

Careers and your future

Financial Mathematics MSc

Our graduates are well positioned for jobs in financial modelling and risk management in the financial services industry.

There are employment prospects in banks, asset management firms, hedge funds, pension funds, insurance companies, exchanges, corporate and sovereign treasuries, financial publishing houses and companies specialising in the analysis and distribution of financial information and data. There is also demand in financial institutions for graduates for positions in the trading, structuring and marketing of financial products.

Statistics with Data Analytics MSc

Graduates will be able to find employment in the data science/financial/health sectors such as big data processing companies, the financial sector, pharmaceuticals, government agencies and data science departments within universities.

Our PhD graduates are employed across a wide spectrum of industries, including finance, pharmaceuticals and engineering. In addition, many of our distinguished PhD alumni in financial mathematics and statistics now hold faculty positions in British and overseas universities.

TAUGHT BY EXPERTS

Dr Paresh Date

Paresh is a senior lecturer in the Department of Mathematics. His research spans theoretical contributions as well as industry-sponsored projects in financial time series modelling, derivative pricing and computation of risk.

He has published over 50 research papers and has extensive experience of postgraduate research supervision. His PhD alumni work at major financial institutions and consultancies, including Barclays Capital, Credit Suisse, EY and PwC. The course content of the MSc in Financial Mathematics, updated under Paresh's leadership, has benefitted significantly from inputs from industry practitioners.



Mechanical Engineering

Mechanical Engineering at Brunel is recognised for high-quality teaching and research, and attracts staff and students from all over the world.

We offer an extensive range of postgraduate engineering programmes led by specialist academics. We have a long and established tradition of providing applied engineering courses that develop highly employable graduates.

- ▶ **Advanced Engineering Design MSc**
- ▶ **Advanced Manufacturing Systems MSc**
- ▶ **Advanced Mechanical Engineering MSc**
- ▶ **Automotive and Motorsport Engineering MSc**
- ▶ **Biomedical Engineering MSc courses**
- ▶ **Building Services Engineering MSc courses**
- ▶ **Engineering Management MSc**
- ▶ **Renewable Energy Engineering MSc**
- ▶ **Sustainable Energy: Technologies and Management MSc**
- ▶ **Oil and Gas Engineering MSc (off-campus)**
- ▶ **Structural Integrity (Asset Reliability Management) MSc (off-campus)**
- ▶ **PhD / MPhil**

Why study Mechanical Engineering at Brunel?

Our degrees engage students in thought-provoking and challenging learning by encouraging students to work with their own concepts and ideas, while promoting a hands-on learning experience.

The facilities and labs are prepared with state-of-the-art equipment, allowing students to practice techniques, share analysis and research, and put their ideas into action. Ours is a vibrant and friendly subject area for postgraduate and research students with established mechanisms for student support and a reputation for student achievement and success.

www.brunel.ac.uk/mechanical-engineering

“Our staff are engaged in a wide spectrum of high-quality research, supported by state-of-the-art computational and experimental facilities. Much of our research is conducted in collaboration with industry which provides an excellent environment for our students to gain first-hand experience in dealing with real world industrial challenges.”

Professor Hamid Bahai, Head of Department



Brunel is ranked a top 20 engineering and technology university in the UK.
(Times Higher Education World University Rankings 2018)

Course information

Advanced Engineering Design MSc

The course is for high-calibre, ambitious engineering or science graduates who wish to gain expertise in developing complex, multidisciplinary engineering design.

You will learn how to design products requiring embedded intelligence and comprehensive engineering analysis. You'll also have available six computer aided engineering software packages. The Design Experience module gives you experience in the whole design process in an industrial environment - from initial concept to final design and manufacture.

Brunel's Advanced Engineering Design MSc is accredited by the Institution of Mechanical Engineers. This provides a route to Chartered Engineer status in the UK, and professional recognition. You'll have access to use engineering software packages CREO, ADAMS, ANSYS, Arena and MATLAB.

The course is delivered through lectures, workshops, self-study and individual and group project work. You'll be assessed on your written assignments, presentations, examinations and a major dissertation project.



Mode of study

1 year full-time
2 years part-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6 (minimum 5.5 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-aed

Typical modules

Sustainable Design and Manufacture; Manufacturing Systems Design and Economics; Computer Aided Engineering 1; Computer Aided Engineering 2; Design Experience; Dissertation

Advanced Manufacturing Systems MSc

This course aims to provide a unique learning opportunity for students to develop in-depth knowledge and advanced skills in advanced manufacturing and to produce the leading engineers/researchers required for Industry 4.0 oriented manufacturing.

Built on our world-class research and expertise, this degree addresses the full spectrum of subjects concerning advanced manufacturing including advanced design, manufacturing technologies (including manufacturing simulation and robotics), sensors/measurements, data analytics, quality engineering management and supply chain management. This course is developed with strong industrial advice and the appropriate balance of theory and practice. It's taught by a team of expert staff and industry, with excellent laboratory resources and facilities, including various engineering software packages, e.g. CREO, ADAMS, ANSYS, Arena, LabVIEW and MATLAB.

Full-time: You'll learn through lectures, tutorials, group/ seminar work, workshops and e-learning materials. You'll also undertake a dissertation project.

Distance learning: The programme is designed so you can conduct most of your studies at home, in your own time. Students are supplied with a study pack of text books and course notes. You can sit the examinations either at Brunel or in your country of residence. The dissertation is carried out in one year.

Mode of study

1 year full-time
3-5 years distance learning

Start date

September and January

Entry criteria

2:2 (or international equivalent), IELTS: 6 (minimum 5.5 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-ams

Typical modules

Computer Aided Engineering 1; Systems Modelling and Simulation; Manufacturing Systems and Economics; Sustainable Manufacture and Design; Advanced Manufacturing Measurement; Robotics and Manufacturing Automation; Dissertation



Advanced Mechanical Engineering MSc

Mechanical engineers apply their scientific knowledge to solve problems and design machines that help us enjoy a better lifestyle. They have an enviable choice of industries open to them and this advanced course will help you develop the versatility to deal with complex challenges faced by senior engineers.

The course develops graduates with the qualities and transferable skills for demanding employment in the engineering sector. Our well-equipped laboratories have particular areas of strength in fluid and biofluid mechanics, internal combustion engines, vibrations, building services engineering and structural testing.

Our expert academics are conducting some of the latest research in the field. They collaborate with major oil companies, vehicle manufacturers, and leading industrial firms and governmental laboratories. We work with universities around the world.

You'll be taught through lectures, seminars, lab sessions, talks and workshops. Modules are assessed by examination and assignment. You'll also conduct an individual project and prepare your dissertation.

Typical modules

Computer Aided Engineering 1; Strategic Management, Innovation and Enterprise; Research Methods and Sustainable Engineering; Advanced Modelling and Design; Dissertation

Mode of study

1 year full-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6 (minimum 5.5 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-ame

"I chose to study this course at Brunel and I am sure I made the best decision. The course is well-structured and engaging. Lectures are organised and given by caring and professional staff who share valuable information. Although challenging, this course has provided me with the knowledge and right tools for career development."



Kourosh Nikmanesh, Advanced Mechanical Engineering MSc



Automotive and Motorsport Engineering MSc

This course will equip you with the qualities and transferable skills needed to flourish at a senior level in an exciting industry. You'll develop the imagination and creativity to follow a successful engineering career in the automotive and motorsport industries.

The modules cover automotive and motorsport engineering topics, delivering an integrating layer on top of a subject-specific first degree or professional skills.

You'll have the opportunity to get involved with the Formula Student project, working with a team of enthusiastic students and supported by expert academic and technical staff. You'll design your own vehicle which you then put through its paces in front of judges in the Class 2 segment of the Formula Student competition. Outside your MSc studies (voluntary and without assessment) you can work with the Brunel Racing team on their Class 1 race car.

Modules are taught from October to May and are assessed by examination and assignments. For the final four months, you'll conduct an individual project and prepare your dissertation.

Throughout the year, you'll work on the group project. This will be assessed by project logbooks, oral presentations and final project reports.

Mode of study

1 year full-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6 (minimum 5.5 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-aut-me

Typical modules

Advanced Vehicle Dynamics, IC Engines, Materials and Manufacturing; Research Methods and Sustainable Engineering; Racing Team Management and Vehicle Testing; Major Group Project; Dissertation



TAUGHT BY EXPERTS

Professor Hua Zhao

Hua is a Fellow of the Royal Academy of Engineering (FREng) and world-leading expert on Advanced Powertrain and Fuels research at Brunel. His research aims to develop new technologies for ultrahigh efficiency engines with renewable fuels for a range of applications, including cars, trucks, buses and UAVs in the Centre for Advanced Powertrain and Fuels with state-of-the-art research facilities in engines and laser measurement techniques.

While he admits the challenges are enormous he says their sheer scale means engineering students at all levels at Brunel have the opportunity to be directly involved in cutting-edge research.

Biomedical, Biomechanics and Bioelectronics Engineering MSc

This course is for biomedical engineers seeking skills in the design, development, operation and maintenance of complex medical devices. You will develop a solid theoretical knowledge together with applied skills in computer software used in industry.

Brunel recognises that scientific understanding is just one part of medical engineering. Within this context, the course also addresses commercial, ethical, legal and regulatory requirements.

You'll be taught through lectures, seminars, workshops, lab sessions, and guest lectures from industry; all world experts in their field. You'll be assessed on your written assignments, presentations, examinations and a dissertation project.

Typical modules

Biomechanics and Biomaterials; Design and Manufacture; Biomedical Engineering Principles; Innovation, Management and Research Methods; Design of Mechatronic Systems; Biomedical Imaging; Biofluid Mechanics; Artificial Organs; Applied Sensors, Instrumentation and Control; Group Project; Dissertation

Mode of study

1 year full-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6 (minimum 5.5 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-biobbe

“The biology and materials knowledge I gained on this course has prepared me for my new job as a Bioengineer, with information I would be hard-pressed to find elsewhere.”

Verity Allum, Biomedical, Biomechanics and Bioelectronics Engineering MSc



Biomedical Genetics and Tissue Engineering MSc

This course is for biomedical engineers who seek skills in the prevention, diagnosis and treatment of diseases and the characterisation of tissue. You will develop a solid theoretical knowledge together with applied techniques including a range of laboratory skills.

Brunel recognises that scientific understanding is just one part of medical engineering. Within this context, the course also addresses commercial, ethical, legal and regulatory requirements.

You'll be taught through lectures, seminars, workshops, lab sessions, and guest lectures from industry; all world experts in their field. You'll be assessed on your written assignments, presentations, examinations and a dissertation project.

Typical modules

Biomechanics and Biomaterials; Design and Manufacture; Biomedical Engineering Principles; Innovation, Management and Research Methods; Tissue Engineering; Genomic Technologies; Molecular Mechanisms of Human Disease; Dissertation

Mode of study

1 year full-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6 (minimum 5.5 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-biogte

Building Services Engineering MSc

Building Services Engineering MSc is for engineers who seek technical understanding and expertise across all disciplines of building services engineering.

Full-time: You'll learn through lectures, tutorials and group/seminar work. From May to September you'll undertake the dissertation.

Distance learning: The programme enables you to conduct most of your studies at home. Students are supplied with a study pack of handbooks and course notes. You can take your examinations either at Brunel or in your country of residence. The dissertation is carried out in one year. Modules are assessed by formal examination and/or written assignments.

Typical modules

Building Heat Transfer and Air Conditioning; Electrical Services and Lighting Design; Acoustics, Fire, Lifts and Drainage; Energy Conversion Technologies; Building Management and Control Systems; Design of Fluid Services and Heat Transfer Equipment; Building Services Design and Management; Dissertation

Mode of study

1 year full-time
3-5 years distance learning

Start date

September and January

Entry criteria

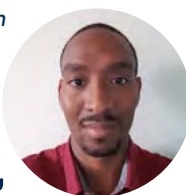
2:2 (or international equivalent), IELTS: 6 (minimum 5.5 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-bse

“Brunel's reputation for excellence in engineering is clearly reflected in the quality of the course. I particularly enjoy the field trips emphasising the growing need and significance of engineering systems to increase energy efficiencies within buildings.”



Andrew Richards,
Building Services Engineering MSc



Building Services Engineering Management MSc

Building Services Engineering Management MSc is a distance learning course for professional engineers who have, or wish to have, management responsibility.

Distance learning: The programme enables you to conduct most of your studies at home. Students are supplied with a study pack of handbooks and course notes. You can take your examinations either at Brunel or in your country of residence. The dissertation is carried out in one year. Modules are assessed by formal examination and/or written assignments.

Typical modules

Building Heat Transfer and Air Conditioning; Electrical Services and Lighting Design; Acoustics, Fire, Lifts and Drainage; Management of Facilities and Engineering Contracts; Management of People in Engineering Activities; Organisation of Engineering Business; Engineering Finance and Accounting; Dissertation

Mode of study

3-5 years distance learning

Start date

September and January

Entry criteria

2:2 (or international equivalent), IELTS: 6 (minimum 5.5 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-bsem

►►► Building Services Engineering is an interdisciplinary profession. It involves the specification, design, installation and management of all the engineering services associated with the built environment.►►►



Building Services Engineering with Sustainable Energy MSc

Building Services Engineering with Sustainable Energy MSc develops your understanding of building services and ways to reduce the carbon footprint of buildings. Brunel's Building Services Engineering courses are accredited by the Institution of Mechanical Engineers, the Chartered Institution of Building Services Engineers and the Energy Institute.

Full-time: You'll learn through lectures, tutorials and group/seminar work. From May to September you'll undertake the dissertation.

Distance learning: The programme enables you to conduct most of your studies at home. Students are supplied with a study pack of handbooks and course notes. You can take your examinations either at Brunel or in your country of residence. The dissertation is carried out in one year. Modules are assessed by formal examination and/or written assignments.

Typical modules

Building Heat Transfer and Air Conditioning; Electrical Services and Lighting Design; Acoustics, Fire, Lifts and Drainage; Energy Conversion Technologies; Renewable Energy Technologies; Energy Efficient Ventilation for Buildings; Building Services Design and Management; Dissertation

Mode of study

1 year full-time
3-5 years distance learning

Start date

September and January

Entry criteria

2:2 (or international equivalent), IELTS: 6 (minimum 5.5 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-bsese



Engineering Management MSc

Success in today's business environment requires a solid foundation in management and business skills and knowledge. The Engineering Management MSc develops business skills across systems thinking, operations, human resources, project management, strategy and the design and management of the supply chain.

The course balances academic theory with practical opportunities so you'll develop engineering management knowledge and skills. You'll deliver credible solutions through assignments and projects in preparation for your future role within business. The course is available full-time or as distance learning.

Brunel's Engineering Management MSc is accredited by the Institution of Mechanical Engineers. This will provide a route to Chartered Engineer status in the UK.

Your work will be assessed by formal examination and/or written assignments.

Full-time: You'll learn through lectures, tutorials and group/seminar work, culminating in a dissertation to be completed by September.

Distance learning: The course is designed for you to conduct most of your studies at home, in your own time. Students are supplied with a study pack of text books and course notes. Examinations can be taken either at Brunel or in your country of residence. The dissertation is carried out in one year.

Mode of study

1 year full-time
3-5 years distance learning

Start date

September and January

Entry criteria

2:2 (or international equivalent), IELTS: 6 (minimum 5.5 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-em

Typical modules

Manufacturing Systems Design and Economics; Managing People and Organisations; Project Management; Quality Management and Reliability; Systems Modelling and Simulation; Logistics and Global Supply Chain Management; Dissertation



TAUGHT BY EXPERTS

Dr Susan Grant

Susan is a senior lecturer in the field of Supply Chain Management and course director for the MSc in Engineering Management within the College of Engineering, Design and Physical Sciences.

Her research is centred on knowledge sharing behaviours across horizontal and vertical supplier networks using enterprise collaborative platforms, and she is actively involved in knowledge network applications with the UK financial services sector.

**Renewable Energy Engineering MSc**

This course focuses on the engineering aspects of the renewable energy sector, developing knowledge that will be relevant at both national and international level.

The renewable energy technologies are introduced in modules that provide in-depth coverage of advanced fundamental and applied systems relating to renewable energy. You'll develop the essential skills for integrating renewable energy technologies into practical systems that might include operational commercial buildings or industrial processes.

Brunel's Renewable Energy Engineering MSc is accredited by the Institution of Mechanical Engineers and the Energy Institute.

Full-time: You'll learn through lectures, tutorials and group or seminar work. You'll also undertake a dissertation.

Distance learning: The programme is designed so you can conduct most of your studies at home, in your own time. Students are supplied with a study pack of handbooks and course notes. You can take the examinations either at Brunel or in your country of residence. The dissertation is carried out in one year.

Institution of
MECHANICAL
ENGINEERS

energy
institute
Accredited Course

Sustainable Energy: Technologies and Management MSc

Energy management using sustainable technologies and implementation of environmental initiatives has an increasingly important role in public organisations and industry. There is an urgent need for trained personnel to advise, implement and deliver strategies and management for sustainable practices.

On this course you'll develop the knowledge and skills required for effective energy management and environmental protection.

Energy and the environment is a strong research area at Brunel, with current activities covering the distributed generation of energy through to the efficient utilisation of energy and the use of renewable resources. Our extensive, well-equipped laboratories have particular strengths in hydrogen and fuel cells, solar energy engineering (PV and PV-T systems) and bioenergy engineering processes.

Brunel is fully networked with Sun workstations and PCs, and advanced software systems are available for the simulation, analysis and design of clean energy projects (renewable and efficient energy systems).

Modules are assessed by examination and/or written assignments. Successful completion of the taught modules allows you to proceed to the dissertation stage.

Mode of study

1 year full-time
3-5 years distance learning

Start date

September and January

Entry criteria

2:2 (or international equivalent), IELTS: 6 (minimum 5.5 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-ree

Mode of study

1 year full-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6 (minimum 5.5 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-setm

Institution of
MECHANICAL
ENGINEERS

Oil and Gas Engineering MSc

The Brunel and TWI partnership provides this world-leading programme for the next generation of oil and gas engineers, delivered at the National Structural Integrity Research Centre (NSIRC), Cambridge. As a Cambridge-based student, you will have access to advanced analysis and testing technologies at NSIRC, together with the course-related facilities at Brunel.

The course covers petrochemical processes for oilfield structural design, fabrication and installation.

Based within an industrial environment, there are excellent opportunities for networking, together with undertaking applied research on real engineering projects. Combined with the benefits of living in the Cambridge area, which includes historical, cultural and social attractions, NSIRC attracts international students and practising engineers, greatly enhancing the learning experience.

Typical modules

Petroleum Production Fundamentals; Applied Engineering Mathematics; Multiphase Flow Fundamentals and Flow Assurance; Structural Materials; Structural Integrity and FEA; Design and Construction of Installations; Dynamics of Petroleum Structures; Reliability Engineering and Risk Management; Dissertation

Mode of study

1 year full-time
2 years part-time

Teaching delivered in Cambridge

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6 (minimum 5.5 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-og

“This is an accredited MSc degree programme and combined with studying in a professional, industrial environment greatly increases graduate employability.”

Dr Nenad Djordjevic, Course Director



Institution of
**MECHANICAL
ENGINEERS**

iom³
The Institute of Materials,
Minerals and Mining
ACCREDITED PROGRAMME

Structural Integrity (Asset Reliability Management) MSc

The Brunel and TWI partnership provides this world-leading programme for the next generation of structural integrity engineers, delivered at the National Structural Integrity Research Centre (NSIRC), Cambridge. As a Cambridge-based student, you will have access to advanced analysis and testing technologies at NSIRC, together with the course-related facilities at Brunel.

The course targets asset reliability management, through finite element analysis, planning inspections, through to developing risk management and mitigation strategies.

Based within an industrial environment, there are excellent opportunities for networking, together with undertaking applied research on real engineering projects. Combined with the benefits of living in the Cambridge area, which includes historical, cultural and social attractions, NSIRC attracts international students and practising engineers, greatly enhancing the learning experience.

Typical modules

Fracture Mechanics and Fatigue Analysis; Materials-Metallurgy and Materials; NDT Inspection Methodology; Stress Analysis and Plant Inspection; Reliability Engineering; Numerical Modelling of Solids and Structures; Structural Health Monitoring; Dissertation

Mode of study

1 year full-time
2 years part-time

Teaching delivered in Cambridge

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6 (minimum 5.5 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-si

“The high level of industrial involvement within the programme is unique in the UK, allowing students to gain academic knowledge and industrial experience at the same time.”

Dr Kevin Hughes, Course Director



Institution of
**MECHANICAL
ENGINEERS**

iom³
The Institute of Materials,
Minerals and Mining
ACCREDITED PROGRAMME

TAUGHT BY EXPERTS

Dr Harjit Singh

Harjit is a senior lecturer in Built Environment Engineering and Energy and is a key member of the Institute of Energy Futures at Brunel. His research is focused on efficient solar energy capture, conversion and storage and advanced building insulation (vacuum insulation) for industrial and commercial applications.

His research informs his teaching, in particular the modules on solar energy technology on the MSc in Renewable Energy Engineering. Harjit supervises several research relevant and industry-funded dissertation projects of MSc students every year.

Research areas

You can undertake your research in a number of areas within Mechanical Engineering. Our academics are specialists in their field, with particular focus on the following themes:

- ▶ **Advanced Powertrain and Fuels**
- ▶ **Biomedical Engineering**
- ▶ **Computational Mechanics**
- ▶ **Energy Efficient and Sustainable Technologies**
- ▶ **Liquid Metal Engineering**
- ▶ **Micro-Nano Manufacturing**
- ▶ **Resource Efficient Future Cities**
- ▶ **Structural Integrity**

Careers and your future

Advanced Engineering Design MSc

Our graduates have described the course as 'the doorway to industry'. They have progressed to careers including within the aerospace, automotive, transport, MoD, government and manufacturing sector.

You will have the chance to get a CAD certificate for professional use of a CAD system awarded by PTC University.

Advanced Manufacturing Systems MSc

The in-depth knowledge and advanced skills acquired through this Industry 4.0 oriented programme will prepare our graduates for various career positions and destinations. Our close project links with industry (e.g. Rolls-Royce, TWI and NPL) will further enhance the employability of our graduates.

Our graduates will readily become leading engineers, researchers, project leaders or entrepreneurs in manufacturing industry, research organisations and universities.

Advanced Mechanical Engineering MSc

Our graduates are ideally placed for employment in mechanical and related engineering. Typical roles include design, consultancy, maintenance, operations and project management.

Some graduates progress to research and development roles in manufacturing, aerospace, energy, automotive, micro/nano technology, nuclear and defence.

Automotive and Motorsport Engineering MSc

There is high demand for graduate engineers ready to tackle the challenges of the future. These include finding ways to design and build vehicles more cost effectively, addressing wider environmental and safety concerns, and working in motor racing.

Our graduates go on to careers with leading automotive companies (e.g. Jaguar Land Rover, Delphi, Ford). They also work with motor racing teams such as Mercedes, Red Bull, Williams and Lotus.

Biomedical Engineering MSc courses

Our graduates have acquired skills that are essential to the modern biomedical and healthcare industry. You'll also have the expertise required to enter into management, product innovation, development and research. Some of our graduates have taken on roles such as R&D engineer, biomedical specialist in intensive care monitoring and ventilation, product safety associate and engineer laboratory technician.

Building Services Engineering MSc courses

Our graduates work in building services and construction-related consultancies such as Hoare Lea, Arup, BuroHappold, AECOM, Cundall, BRE, ChapmanBDSP, Atkins, WSP Group, Faber Maunsell and Hilson Moran. Other employers include county councils' building management and environmental departments, EDF Energy, Skanska, Trend Control Systems and Honeywell Control Systems.

Engineering Management MSc

Our Engineering Management graduates enter a broad range of careers in the manufacturing, service and government sectors.

Our graduates are employed in industries ranging from metal cutting to process. They are working for such companies as Atkins, Canon Europe, Ford, Jaguar Land Rover, Rolls-Royce and Unilever. Others have developed their own consultancy companies.

Renewable Energy Engineering MSc

Our graduates are working worldwide in senior technical and management positions.

The primary destinations are manufacturing industries, energy and environmental consultancy companies, energy advice and research centres, academia and national and international non-governmental organisations.

Sustainable Energy: Technologies and Management MSc

Our graduates work with environmental consultancies and energy agencies and with facilities managers such as county councils within their energy and environmental management departments.

Other graduates work in building services and construction-related consultancies, as well as industrial project leaders for energy management.

Oil and Gas Engineering MSc

There is a global shortage of qualified specialists in the oil and gas sector, and skilled professionals are enjoying rising salaries.

Our graduates find employment in oilfield services companies, engineering consulting or with upstream oil and gas producers and downstream refineries.

Structural Integrity (Asset Reliability Management) MSc

Our graduates are in high demand. They have been successful in gaining employment in the oil and gas industry, engineering consultancies, asset management and research organisations.

TAUGHT BY EXPERTS

Professor Ashraf Khir

Ashraf is Professor of Cardiovascular Mechanics. He is developing a minimally invasive heart assist device in the form of an axial flow pump. This is to help early-stage heart failure patients.

His work is multidisciplinary, involving clinicians, engineers and physiologists. He is also developing a noninvasive technique to determine arterial stiffness using ultrasound technologies, for early detection of hypertension.

Ashraf's research informs his teaching, in particular the modules on artificial organs and biofluid mechanics on our Biomedical, Biomechanics and Bioelectronics Engineering MSc.





Biomedical Sciences

Biosciences at Brunel has a strong reputation for our innovative and research-driven approach.

Our teaching reflects the fast changing nature of biomedical research (with specific emphasis on human genome, molecular medicine and cancer research).

We are an expanding and forward-looking division who promote a commitment and passion to science. We pursue excellence in both teaching and research, and believe that by linking the two we can provide the best education and experience for our students.

- ▶ **Disease Mechanisms and Therapeutics MSc**
- ▶ **PhD / MPhil**

Why study Biomedical Sciences at Brunel?

Biomedical Sciences at Brunel offers the highest standard of teaching. Our teaching team received the Higher Education Academy's Collaborative Award for Teaching Excellence 2016, which recognises outstanding teamwork in teaching and assessment.

www.brunel.ac.uk/biomedical-sciences

“ The Disease Mechanisms and Therapeutics MSc is designed to provide students with the necessary knowledge and understanding in molecular biology and its impact on biomedicine. This programme has specific emphasis on bioinformatics, providing students with skills in maths, statistics and computational biology that are lacking elsewhere at postgraduate level. ”

Paola Vagnarelli, Senior Lecturer



This new programme has a specific emphasis on bioinformatics, equipping you with skills in maths, statistics and computational biology.

Course information

Disease Mechanisms and Therapeutics MSc

The programme provides you with a specialist theoretical and practical knowledge and understanding of molecular biology and its impact on biomedicine. Particular attention is placed on innovative therapeutic potential and on statistics and computational biology.

You'll be trained on how to conduct research related to pressing contemporary issues in biomedicine that, with the practical laboratory skills acquired, will represent a perfect platform for a postgraduate research career, as well as providing excellent training for students seeking a career in the pharmaceutical industry and research institutes.

With the training provided in different aspects of science communications, this programme will also offer a great opportunity for those seeking positions within a variety of sectors.

Typical modules

Cell Signalling in Health and Disease; Scientific Communications; Gene Regulation and Epigenetics; Lab Safety, Research Methods and Ethics; Cells and Receptors of the Immune System; Statistics, Bioinformatics and Omics

Mode of study

1 year full-time
2 years part-time

Start date

September

Entry criteria

2:2 (or international equivalent)

Other qualifications will be assessed on an individual basis and a request for completion of an online biological test in molecular and cell biology may be required.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-dmt

Research areas

Biomedical Sciences lecturers are active researchers and incorporate their cutting-edge research practice into their teaching and supervision. Examples of research areas of interests are:

- ▶ **Protein phosphatases in chromosome segregation and genome stability**
- ▶ **JNK signalling in cancer**
- ▶ **MYCN in paediatric cancers**
- ▶ **Molecular signalling in breast and ovarian cancer**
- ▶ **Egr2 and 3 in adaptive immune responses**
- ▶ **C1q and the classical complement pathway**
- ▶ **Chromosome rearrangements in paediatric leukaemia**
- ▶ **Nuclear organisation in health and disease**
- ▶ **Networks and genetic variants in coronary heart disease genetics**
- ▶ **Analyses and evolutions of pseudogenes**
- ▶ **Gene therapy**
- ▶ **Radiation induced genome instability**

Careers and your future

The course will develop your skills in research methodologies and equip you for a variety of careers. These include:

- ▶ Health-related professions
- ▶ Pharmaceutical or biotechnology industries
- ▶ Patent law
- ▶ Scientific publishing
- ▶ Teaching
- ▶ Science policy-making



TAUGHT BY EXPERTS

Dr Uday Kishore

Uday is an immunologist and MSc Admission Tutor. His research is about understanding the role of the innate immune system in human health and disease. He is examining how the innate immune system is a crucial player in host-pathogen interaction, pregnancy and parturition, and cancer.

Uday has authored over 150 scientific articles and edited several books. Uday's teaching is very much research-led and he passionately shares his wealth of experience and expertise with students.



Environmental Sciences

Environmental Sciences at Brunel is a research and teaching group within the Department of Life Sciences. We have a vast and well-respected research background to draw upon to ensure you receive a world-class education.

Research and teaching in Environmental Sciences tackles a diverse number of environmental science issues. We have excellent toxicology and ecotoxicology facilities, a wide range of testing and analysis equipment, and state-of-the-art equipment for the chemical analysis of samples.

- ▶ **Environmental Management MSc**
- ▶ **Sustainability, Entrepreneurship and Design MSc**
- ▶ **PhD / MPhil**

Why study Environmental Sciences at Brunel?

Environmental training at Brunel began over 30 years ago. As leaders in the field we have trained environmental practitioners, technologists, regulators, managers and consultants.

Members of Environmental Sciences strive to further the public understanding of their research, taking part in public meetings, lectures and contributing to non-academic books and news stories, because the science we deliver is designed to have an impact on society and its relationship with the environment around us.

Every project we undertake, whether it be analysing air pollution and its impact on human health, gauging the threat posed by the presence of specific chemicals in drinking water or investigating what major climatic events in the past can tell us about the future, is rooted in the belief that understanding environmental change is vital for the global community.

www.brunel.ac.uk/environmental-sciences

“ Our vision is to become a highly visible, world top 100 environmental research and postgraduate educational institute. In order to achieve this, we play a vital role in providing our students with the knowledge and training to meet environmental protection and sustainability challenges, to safeguard human and ecological health, secure livelihoods, and nurture a circular, cleaner economy for all generations. ”

Dr Abdul J. Chaudhary, Senior Lecturer



Undertaking professional development activities is a unique feature of our Environmental Sciences programmes.

Course information

Environmental Management MSc

Our master's course in Environmental Management addresses the management principles necessary for the successful implementation of sound environmental management practice and sustainable development for a healthy planet.

The course develops an understanding of how human activity can affect the environment and applies this to both the legal framework and management decision-making activities. The course seeks to raise your ability to understand and analyse environmental problems at master's level, in order to develop long-term sustainable solutions.

You'll obtain a solid foundation in environmental management and legislation, planetary health and sustainable development, and then can choose to focus on one of three themes: chemical regulation and management; pollution and monitoring; or clean technology and the environment.

This course can be taken with or without a Professional Development work placement. Both options are accredited by the Institution of Environmental Sciences (IES) and the Chartered Institution of Water and Environmental Management (CIWEM).

Mode of study

12, 15, or 18 months full-time
3 years part-time

Start date

January or September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-envm



WORK
PLACEMENTS



The institution of
environmental sciences

CIWEM

Chartered Institution of
Water and Environmental
Management



Sustainability, Entrepreneurship and Design MSc

The next big challenge for society is to transform our economy to incorporate the principles of sustainability. This course equips entrepreneurial graduates with the mindset and ability to play a key role in building a sustainable world – one that is prosperous and also environmentally stable and socially inclusive.

Additionally, it gives you hands-on experience to become entrepreneurs, business leaders, change-makers and innovators.

Typical modules

Introduction to Strategic Sustainable Development; Entrepreneurship; Business Planning; International Business Ethics, Sustainability and Corporate Governance; Sustainable Design; Professional Design Studio; Climate Change and Planetary Health; Clean Technology; Logistics and Supply Chain Management; International Business Strategy; Design Innovation Futures; Consumer Behaviour; Environmental Law

Mode of study

12 months full-time (standard MSc)
21 months full-time (enhanced MSc)

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-sed



WORK
PLACEMENTS

“ My course changed my thinking about environmental problems and solutions design. It introduced me to many philosophies like clean technology and sustainable design which really helped shape my ideas. ”

Carlton Cummins, Sustainability, Entrepreneurship and Design MSc, 2016



Research areas

Our staff are active researchers, involved in diverse and wide-ranging projects – locally, nationally and internationally. Some example of our recent research projects include:

- ▶ **Environmental Monitoring**
- ▶ **Environmental Pollution and Monitoring**
- ▶ **Toxicology and Ecotoxicology**
- ▶ **Environmental Health and Ecosystems**
- ▶ **Biological Pathways and System**
- ▶ **Environmental Solutions**
- ▶ **Planetary Health**
- ▶ **Energy Efficient and Sustainable Technologies**
- ▶ **Design for Sustainable Manufacture**

Careers and your future

You'll obtain the skills enabling you to deal with sustainability and environmental management issues which are now becoming important factors for all various types of businesses.

If you undertake the Professional Development opportunity, you'll benefit from intensive corporate exposure and business start-up opportunities.

“ Sustainability, Entrepreneurship and Design at Brunel is highly practical. I can apply the knowledge to my own business. The accommodation on campus delivers good value for money, is safe and provides easy access to London. ”

Nhung Nguyen, Sustainability Entrepreneurship and Design MSc





Occupational Therapy

Occupational Therapy at Brunel is one of the largest, longest established, and most highly regarded education providers globally.

We are the original 'London School of Occupational Therapy' and offer placement opportunities that provide experience of working in mainstream NHS, social care and non-statutory services with a range of culturally and socially diverse service user groups.

We are committed to working jointly with the NHS to demonstrate the values and beliefs of the NHS Constitution.

- ▶ **Occupational Therapy (Pre-Registration) MSc**
- ▶ **Advanced Clinical Practice MSc (see page 189)**
- ▶ **PhD / MPhil**

Why study Occupational Therapy at Brunel?

The Occupational Therapy (Pre-Registration) MSc will give you the opportunity to integrate both scientific and creative skills to enable people to overcome barriers that may restrict participation and engagement in everyday activities.

Occupational therapists use purposeful activity to allow people across the age range to live as independently as possible in a variety of settings.

Occupational therapists work with a range of culturally and social diverse user groups in main-stream NHS, social care and education as well as voluntary organisations. Occupational therapists also work in emerging areas of practice such as working with asylum seekers, police or those who are homeless.

www.brunel.ac.uk/occupational-therapy

“ This is a dynamic and engaging programme which embraces the evolving profession of occupational therapy. Our students come from a range of international countries and bring with them a rich diversity of experience and expectation. Our programme utilises a variety of different learning opportunities and students are encouraged to work in partnership with the academic team. ”

Dr Lesley Collier, Programme Lead Occupational Therapy (Pre-Registration) MSc



Accredited by the Royal College of Occupational Therapists (RCOT), the Health & Care Professions Council (HCPC) in the UK and the Accreditation Council of Occupational Therapy Education (ACOTE) in the US.

Course information

Occupational Therapy (Pre-Registration) MSc

The Occupational Therapy (Pre-Registration) MSc provides a route for graduates to become competent occupational therapists equipped for life-long, safe and effective practice within the global marketplace.

On graduation you'll be eligible to register with the HCPC as an occupational therapist and be eligible to sit the NBCOT certification examination to obtain a license to practice in the US. The programme is for those who are not already qualified as occupational therapists.

This MSc is a professional two-year, full-time programme and includes four practice placements to be completed during the course. You'll learn through campus-based study and placements which will prepare you to become a competent occupational therapist in a variety of health and social care settings and you'll have opportunities to undertake role-emerging and non-traditional placements.

During your final year you'll study an optional module that enables in-depth consideration of a specialist area of current practice and you'll complete a research dissertation.

Mode of study

2 years full-time

Start date

September

Entry criteria

2:1 (or international equivalent), applicants with a 2:2 honours degree in a subject relevant to occupational therapy and who have extensive experience of working in a relevant health or social care setting will be considered and assessed on an individual basis. IELTS: 7 (minimum 6.5 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/otprereg



CLINICAL
PLACEMENTS

“While it is mainly a taught programme, in the second year you have the chance to undertake some research which I am in the process of designing. I am deepening my knowledge of the area I am most interested in (neurological rehabilitation). It is an opportunity to contribute to the development of the Occupational Therapy field, and this is very empowering.”



Alexandra Sloan, Occupational Therapy (Pre-Registration) MSc

Typical modules

Introduction to Occupational Therapy Theory and Philosophy; Knowledge and Skills for Occupational Therapy; Strategies and Visions for Professional Development; Preparing for the Work Place; People and Communities



Royal College
of Occupational
Therapists

hcpc health & care
professions
council

ACOTE

Research areas

Our staff are active researchers, involved in diverse and wide-ranging projects - locally, nationally and internationally. Some example of our recent projects include:

- ▶ **Exploring the role of occupational therapy in developing inclusive education in Pakistan**
- ▶ **Developing and testing interventions to support people with cancer to return to work**
- ▶ **Evaluating the experiences of using personal Wikis in mental health recovery journeys**
- ▶ **Developing a web-based decision aid to assist occupational therapists to make decisions about disabled and older drivers' fitness to drive**
- ▶ **Examining the feasibility and effectiveness of educating undergraduate occupational therapy and physiotherapy students in motivational interviewing**

Careers and your future

On the Occupational Therapy (Pre-Registration) MSc, there are a number of clinical placements that help you gain a broad range of clinical experience.

During the programme you'll undertake 28 weeks of practice placement in four blocks. Alongside your academic studies, this creates a strong foundation for your career.

The 'Preparing for the Workplace' modules cover core competencies for practice and continuing professional development, preparing for interviews and developing a personal statement. There are career opportunities in the health service, social services, education or the private and voluntary sectors.





Physician Associate

Physician Associates are healthcare professionals who, while not a doctor, work to the medical model, with the attitudes, skills and knowledge base to deliver holistic care and treatment within the general medical and/or general practice team under defined levels of supervision.

Physician Associates are part of an exciting new and growing profession within the NHS.

► Physician Associate MSc

Why study Physician Associate at Brunel?

Working alongside doctors, Physician Associates (PAs) perform key medical tasks in the diagnosis and management of patients.

Brunel's Dr David Leonard, who has been a Physician Associate for more than 25 years, said that one issue with traditional medical courses was that as someone moved up the ladder they became increasingly specialised, whereas PAs have the flexibility to easily move between different areas of medicine, or move into research or teaching later on.

www.brunel.ac.uk/physician-associate

“ Having been a Physician Assistant/Associate for over 25 years, I'm thrilled to be involved in the progression of our profession in the UK. Our students are pioneers educating the public, GP's/hospital trusts, and other healthcare professionals about this exciting and innovative role. I have no doubt that Physician Associates will make significant contributions to the provision of high quality medical care throughout the UK. ”

David Leonard, Reader and Programme Lead, Physician Associate MSc



You'll gain over 1,800 hours of professional practice on this programme.

Course information

Physician Associate MSc

This programme provides the essential skills and knowledge to become a Physician Associate in the UK.

PAs work alongside doctors in hospitals and GP surgeries to provide safe, quality care to patients. Under the supervision of doctors, physician associates may obtain medical histories, perform physical examinations, carry out diagnostic and therapeutic procedures, request and interpret test results, diagnose illnesses and develop treatment and management plans.

On successful completion of the Physician Associate MSc, you'll be eligible to sit for the Physician Associate National Examination and join the Managed Voluntary Register.

Typical modules

Foundations of Clinical Medicine; Personal and Professional Development for the Physician Associate; Applied Pharmacology; Principles and Practice of Evidence-Based Healthcare; Approaches to Research; Dissertation; PA Applied Clinical Knowledge & Skills

Mode of study

2 years full-time

Start date

August

Entry criteria

2:1 (or international equivalent), IELTS: 7.5 (minimum 7 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-pa

“ My course at Brunel has helped me thrive because it's an intensive medical programme with a placement opportunity. When I graduate, I hope to work for the NHS and help reduce doctors' workloads by supporting them in the diagnosis and management of their patients. ”

Honar Hama-Ali, Physician Associate MSc

Careers and your future

There continues to be a growing demand for Physician Associates throughout the UK. PA graduates are pioneers in health care, promoting the profession and educating providers and patients about their work.

PAs work in a variety of clinical settings and specialties including GP surgeries, hospital inpatient wards and A&E departments.

You'll find more information on the FAQ page of the Royal College of Physicians Faculty of Physician Associates website at: www.fparcp.co.uk



Physiotherapy

Our Physiotherapy master's course is an exciting and innovative modular programme, delivered full-time over two-years.

Our Physiotherapy courses are staffed by enthusiastic and experienced lecturers who are also registered Physiotherapists. Many members of the team continue to practise in the clinical environment as well as lecturing at Brunel.

The team is also involved in a wide variety of research and we benefit from both excellent teaching and research facilities, which enhance your teaching and learning experience.

- ▶ **Physiotherapy (Pre-Registration) MSc**
- ▶ **PhD / MPhil**

Why study Physiotherapy at Brunel?

When you study Physiotherapy at Brunel you'll be joining the largest Physiotherapy programme in London. Our programmes produce graduates eligible to apply for professional registration with HCPC, necessary for clinical practice.

You'll be taught in our state-of-the-art, clinical environment, by staff who are clinical specialists, providing excellent links with prestigious London hospitals, sourcing a broad range of student clinical experiences across a variety of healthcare settings.

As active researchers staff promote evidence-based practice, educating students to critically evaluate the effectiveness of their interventions.

www.brunel.ac.uk/physiotherapy

hcpc

health & care
professions
council

CHARTERED
SOCIETY
OF
PHYSIOTHERAPY

“ Since starting in 2013, this programme has developed an outstanding reputation both nationally and internationally. We are proud that 100% of the graduates on this course have gone on to achieve employment around the world. ”

Dr Mandy Jones, Programme Leader Physiotherapy
(Pre-Registration) MSc

This course is accredited by the Health & Care Professions Council and the Chartered Society of Physiotherapy.

Course information

Physiotherapy (Pre-Registration) MSc

The Physiotherapy (Pre-Registration) MSc provides an evidence-based approach to contemporary physiotherapy, promoting a commitment to autonomy, research and clinical excellence.

Continued professional development is an integral part of the programme, facilitating the development of essential communication and team-working skills. This intensive and exciting programme provides the essential skills and knowledge on our undergraduate programme, with the additional challenges of enhanced knowledge synthesis and primary research.

This programme is delivered 46 weeks per year and includes 1000 clinical work placement hours to help you develop as an academic clinician equipped to lead and develop the profession. You can carry out an elective final placement abroad as part of these hours if you're able to source and organise this.

Shared learning with other allied-health students and clinicians provides you with opportunities to engage in inter-professional learning reflective of clinical practice.

Typical modules

Anatomy; Musculoskeletal; Respiratory; Approaches to Research; Clinical Placement; Principles and Practice of Evidence-based Healthcare

Mode of study

2 years full-time

Start date

September

Entry criteria

2:1 (or international equivalent), IELTS: 7 (minimum 6.5 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-phyprereg



WORK
PLACEMENTS

“Physiotherapy at Brunel has an excellent employment record for students. This is one of the reasons I chose to study here. On my course, everything covered in the lectures is reinforced within the practical tutorial sessions. This helps us to link our learning to real-world examples.”

Steven Fairest, Physiotherapy (Pre-Registration) MSc

TAUGHT BY EXPERTS

Dr Cherry Kilbride

Cherry is a Senior Lecturer in Physiotherapy and the Lead AHP Therapist for Research at the Royal Free London NHS Foundation Trust in the Department of Clinical Sciences.

She is an active researcher in the field of neurological rehabilitation, including stroke, multiple sclerosis, and cerebral palsy.

In 2016, Cherry was awarded a Fellowship from the Chartered Society of Physiotherapy for her contribution to the understanding, dissemination and application of evidence-based practice in stroke rehabilitation, through her research and through the education of others.

Advanced Clinical Practice MSc

– course subject to approval

This flexible post graduate programme has been designed for experienced health and care professionals who aim to develop their academic and clinical practice to an advanced level.

Through a combination of key modules in advanced clinical practice, clinical leadership, evidence based practice and research, a suitable selection of options can be used to define one of several specialist pathways.

You'll benefit from a course designed to incorporate a multidisciplinary perspective necessary for leading in today's global health care systems. The course can be undertaken in either full time (one year) or staged, part time study over three to five years.

Typical modules

Advanced Clinical Leadership; Quantitative Methods and Design for Health Science Research; Qualitative Methods for Health and Social Care. You can also choose three modules within our Named Specialist Pathways including Critical Care, Musculoskeletal Rehabilitation, Neurological Rehabilitation, Occupational Therapy or Prevention and Rehabilitation in Long-Term and Chronic Conditions

Mode of study

1 year full-time
3+ years part-time

Start date

September

Entry criteria

2:2 (or international equivalent) Pre-Registration degree in relevant health profession, and at least 1 years clinical work experience, IELTS: 7 (minimum 6.5 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/physiotherapy



WORK
PLACEMENTS

Research areas

Our staff actively engage in a range of research that aims to bring improvements to clinical practice and patient care. Key themes of our research include:

- ▶ **Evaluating the effectiveness of contemporary and novel rehabilitation strategies for long term conditions**
- ▶ **The refinement of contemporary rehabilitation, preventative and health promotion strategies used to enhance the wellbeing of people with stroke, cerebral palsy, cardiac disease, Parkinson's disease, multiple sclerosis, chronic pain and people in critical care**
- ▶ **The use of electronic and assistive technologies**
- ▶ **People's experiences of physiotherapy and/or living with long term health conditions**
- ▶ **The use of principles from sports psychology to help older adults overcome fear of falling, improve mobility and to reduce gait deficits (such as freezing of gait) in people with Parkinson's disease**
- ▶ **The use of principles from sports psychology**
- ▶ **Investigating participation and pedagogy to enhance the learning experience of student physiotherapists**

Careers and your future

Brunel physiotherapy graduates are working worldwide in healthcare sectors including prestigious London teaching hospitals, primary care, private practice, elite sport, the military, charities and the voluntary sector, special schools and clinics.



Psychology

Brunel has been teaching Psychology since 1960s and creating a legacy of world-leading research that benefits society at large.

Our teaching takes different forms including lectures, seminars, practical lab classes, self-directed learning and is delivered by academic staff, many of whom are world leaders in their field.

You can be sure that your learning will be current and relevant, providing a firm foundation for your future career.

- ▶ **Psychological Sciences (Conversion) MSc**
- ▶ **Cognitive and Clinical Neuroscience MSc**
- ▶ **Culture and Evolution MSc**
- ▶ **PhD / MPhil**

Why study Psychology at Brunel?

Psychology is the scientific study of the mind and behaviour and how they interact with the environments in which they exist.

Psychology is a multi-dimensional subject and includes many sub-fields of study covering areas such as child development, the relationship between what happens in our brain and how this changes our behaviour and thinking, memory, cognition, psychological well-being and the nature vs nurture debate.

Alongside core academic knowledge of the subject, this ever developing discipline current also addresses controversial issues in Psychology. You'll also be required to develop your analytic, critical thinking and problem-solving skills.

www.brunel.ac.uk/psychology

“ Psychology is a fascinating subject and has always been one of the core areas of teaching at Brunel. The best thing about this course is the students it attracts. In my experience it brings together a diverse group of individuals in terms of previous education, careers, age and from across the world, to learn about why humans behave the way they do. ”

Dr Survjit Cheeta, Course Director, Psychological Sciences (Conversion) MSc

The Psychological Sciences (Conversion) MSc is accredited by The British Psychological Society (BPS).

Course information

Psychological Sciences (Conversion) MSc

Approved and recognised by the British Psychological Society (BPS), the Psychological Sciences MSc is a conversion course that is ideally suited to non-psychology graduates who want to train to be professional psychologists, for example by studying for a Doctorate in Clinical or Educational Psychology. However, given the fascinating nature of the discipline, the course may also appeal to those who are interested in the study of human behaviour to enhance their current career prospects.

The course will allow you to gain a comprehensive understanding of the core areas of psychology as recognised by the BPS including biological, cognitive, social, development, social, individual difference and statistics and research methods. We use a wide variety of teaching methods including, lectures, seminars and self-directed learning.

Like all other conversion courses, this course alone will not allow you to practise as a psychologist. After successfully completing the course, you can achieve Graduate Basis for Chartership of the BPS which is essential to qualify for further professional training to become a Clinical, Educational, Health, Forensic or Counselling Psychologist. We also offer free membership to the British Psychological Society to all students during the whole duration of their study.

During the course you'll have plenty of opportunity to interact with academic staff and be fully supported throughout the whole degree process including having a personal tutor and receiving one-to-one specialist academic supervision to complete the empirical dissertation.

This course also emphasises the development of transferable knowledge, analytic expertise and research skills, which will be useful across the diverse areas of employment that attract psychology graduates and as a basis for further advanced study within the discipline.

Mode of study

1 year full-time
2 years part-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-ps

“The conversion course at Brunel has given me BPS accreditation and a broad understanding of Psychology from its roots in ancient philosophy to current cutting-edge research. The staff members in the Psychology department have been dedicated to enhancing my learning experience and assisting me with the next steps in my career.”



Lucy Knights, Psychological Sciences MSc

Typical modules

Introduction to Psychological Science; Developmental Psychology; Individual Differences; Social Psychology; Statistics and Research Method in Psychology; Biological Psychology; Cognitive Psychology; Research Dissertation



Cognitive and Clinical Neuroscience MSc

The Cognitive and Clinical Neuroscience MSc is suitable for those from a range of backgrounds wanting to pursue a career in psychology, clinical psychology, medicine, health care, pharmaceutical industry and allied disciplines.

The programme provides you with a solid foundation in innovative neuroscience methods and their application to understand brain function, both typical and atypical; understanding of the core cognitive and affective processes and associated neurology, and how they might be disrupted in people with neuropsychiatric disorders; the interventions to enhance brain function and promote mental health; and the methods to conduct research related to important contemporary issues in cognitive, clinical and translational research.

The course has a particularly strong emphasis on the development of transferable knowledge, analytic expertise and research skills, which will be useful across the diverse areas of employment and as a basis for further advanced study in psychology, neuroscience and related subjects.

Typical modules

Research Methods; Historical and Contemporary Issues; Neuroscience Methods: Theory and Practice; Cognitive and Clinical Neuroscience: Core Topics; Neuroplasticity; Preparation for Research; Research Project

Mode of study

1 year full-time
2 years part-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/psychology



WORK
PLACEMENTS



Culture and Evolution MSc

The Culture and Evolution MSc provides an opportunity for advanced study at the intersection of the two most fundamental and powerful influences on human behaviour: Culture and evolution.

The MSc in Culture and Evolution programme will provide you with the knowledge and expertise for pursuing a PhD or other terminal degree in fields such as cross-cultural psychology, evolutionary psychology, anthropology, behavioural ecology, human ethology, sociology, and multicultural and cross-cultural counselling.

The course will provide you with transferable cognitive, analytic, and research skills that will enhance your employability in careers related to global and public health, international agencies including governmental and non-governmental research institutes, creative industries such as advertising and marketing, international business and intercultural communication, and general private sector employment (e.g. management training programmes).

The MSc in Culture and Evolution may be suitable for meeting continuing professional development needs for those working in related applied contexts.

Mode of study

1 year full-time
2 years part-time



WORK
PLACEMENTS

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/psychology

Typical modules

Research Method and Academic Skills for the Life Sciences; Historical and Contemporary Issues in Psychology; Preparation for Research; Foundations of Evolutionary Psychology; Foundations of Cross-Cultural Psychology; Cross-Cultural and Evolutionary Research Methods; Evolutionary Perspectives on Culture; Special Topics in Culture and Evolution; Dissertation in Culture and Evolution

Research areas

Our staff are active researchers, involved in diverse and wide-ranging projects – locally, nationally and internationally. Some example of our recent projects include:

- ▶ **Clinical conditions e.g. social anxiety disorders and depression and associated emotional and cognitive processes**
- ▶ **Attitudes and awareness towards legal and illegal drugs**
- ▶ **Neural correlates of spatial attention**
- ▶ **Eating behaviours**
- ▶ **Human relationships including inter-ethnic relationships**
- ▶ **Neural mechanisms of face and voice recognition**
- ▶ **Cross cultural psychology**
- ▶ **Music and social bonding**
- ▶ **Neuropsychology**
- ▶ **Psychology of religion, spirituality and secularism**

Careers and your future

Our graduates have gained knowledge and expertise preparing them for a range of careers.

Many work with UK and international government and non-governmental agencies, health and healthcare organisations. There are also opportunities in the private sector.

Within the public health sector, graduates are working in mental health services as assistant psychologists, counsellors and therapists. In the education sector, our graduates are teachers, lecturers and researchers.

There are also opportunities in the business sector for personnel training and as occupational, organisational and industrial psychologists.



BRUNEL STORIES

180 seconds of science

PhD student Thomas Fudge was crowned winner of this year's national Three Minute Thesis competition – for his brief but brilliant presentation on decentralised sanitation for developing communities with energy and nutrient recovery.

The MSc in Sustainability, Entrepreneurship and Design graduate's social enterprise WASE, which focuses on developing technologies for sustainable water treatment, energy production and storage, was also crowned best university technology at the UK Energy Innovation Awards in October.

Public Health and Health Promotion

Our MSc programme is one of the longest-established in the UK and is highly rated for its excellence in teaching and learning. Through the course you'll gain advanced skills, principles and knowledge in public health and health promotion.

- ▶ **Public Health and Health Promotion MSc**
- ▶ **PhD / MPhil**

Why study Public Health and Health Promotion at Brunel?

Our MSc programme covers many aspects of 'health' in its broadest sense including health research, health promotion and public health, health care law and ethics, health and social policy, and health services research.

Our staff has a range of subject and disciplinary backgrounds providing particular teaching and research expertise to our students.

www.brunel.ac.uk/public-health-and-health-promotion

“Our aim is to support the development of students to become leaders in public health and health promotion. We do this by unlocking their intellectual abilities and transferable skills as well as providing employment opportunities through access to a pool of potential employers.”

Dr Nana Anokye, Programme Lead, Public Health and Health Promotion MSc



We host an annual employability event featuring a range of prestigious potential employers.

Course information

Public Health and Health Promotion MSc

The Public Health and Health Promotion MSc is one of the longest-established courses in the UK and is highly rated for its excellence in teaching and learning.

On the course you'll investigate the scope and nature of contemporary public health and health promotion at local, national and global levels.

The course explores the major determinants of health and ways to promote public health that address social and economic inequalities, are culturally sensitive and promote values of social justice.

You'll develop knowledge and skills in the principles and complexities of using evidence, including researching, analysing and evaluating health information and policy.

The course also examines the ethical, political, societal and cultural dilemmas that arise in public health and health promotion.

Finally, you'll conduct an empirical research project on a relevant contemporary issue.

Typical modules

Health Promotion; Global Public Health; Health Policy; Politics and Sociology; Psychology; Communication; Advanced Academic and Research Skills

Mode of study

1 year full-time
3 years part-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 6.5 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-phhp

"I chose Brunel for its excellent academic ratings and my friends and colleagues told me it was a great place to study with good employability prospects. Brunel is also about opportunities: travel, music, sports, friendship and much more."

Anietie Aliu, Public Health and Health Promotion MSc



Research areas

The Public Health and Health Promotion lecturers are active researchers and incorporate their cutting-edge research practice in their teaching and supervision. Examples of staff's research areas of interests are:

- ▶ Ageing and later life
- ▶ Wellbeing across the life course
- ▶ Use of visual and creative methods in ageing research
- ▶ Loneliness and isolation
- ▶ Financial Elder Abuse
- ▶ Radiation exposure, exposure worry and cognitive functioning
- ▶ Lay concepts of dementia
- ▶ Assessing research impact
- ▶ Health Economics
- ▶ Sexualities and research approaches to studying sexualities
- ▶ Social justice interventions, especially with children and young people
- ▶ Evaluative research (effectiveness and cost effectiveness)
- ▶ Cross-context transferability of evidence
- ▶ Returns on investment

Careers and your future

We have strong links with key local and international health promotion and public health providers and specialists, helping you to develop professional networks.

This course will prepare you for careers in public health and health promotion; health and social care; voluntary and government sector; and non-governmental organisations. The course also prepares you for doctoral study.

We also host an annual employability event that facilitates interaction with potential employers from organisations such as Public Health England, DFID, NHS and NGOs.

TAUGHT BY EXPERTS

Professor Arturo Sala

Professor Arturo Sala's research is focused on the molecular mechanisms leading to the activation of oncogenes in the childhood cancer neuroblastoma, a still incurable malignancy of the peripheral nervous system.





Social Work

Brunel is one of the leading providers of university-based social work and social policy research in London.

We aim to educate and train individuals to be reflective, research-minded practitioners who are able to work critically and professionally and in accordance with the principle of anti-oppressive practice.

- ▶ Social Work MA
- ▶ PhD / MPhil

Why study Social Work at Brunel?

Brunel's ground-breaking social work research feeds into the course, meaning you'll benefit from the latest research and thinking.

We are able to secure quality placements for our students across London and the surrounding areas due to our close links with social care providers in local government and in the voluntary sector.

www.brunel.ac.uk/social-work

“Becoming an effective social worker requires getting to know yourself and the social world around you more deeply. The MA in social work is therefore built to develop, shape and change the way in which you approach, understand and interact with the world and with yourself. It is a life changing experience that will help you grow as a person.”

Dr Yohai Hakak, Senior Lecturer in Social Work



Approved by the Health & Care Professions Council.

Course information

Social Work MA

This course will equip you with comprehensive pre-entry skills to work in any agency employing social workers in the UK and internationally.

The professional and academic elements are closely integrated throughout the programme.

On successful completion of the course you'll be eligible to apply for Health & Care Professions Council registration.

Typical modules

Foundations of Social Work Practice; Social Work Theories and Perspectives; Life-span Behaviour and Development; Legal Frameworks for Social Justice; Social Policy and Sociology; Professional Skills Development; Practice Learning; Approaches to Research; Assessment and the Management of Risk and Complexity; Effective Practice with Domestic Violence, Mental Health and Substance Misuse

Mode of study

2 years full-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 7 (minimum 6.5 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

You can apply online via UCAS, please visit the following page for more information:

www.brunel.ac.uk/ma-sw



WORK
PLACEMENTS

“ My work placement at Hillingdon Children's Services provided me with a great opportunity to understand what frontline social work entails. I was responsible for 12 cases with seven families. It was a truly rewarding time and I am so grateful that I had my placement there. ”

Joelia Namaganda, Social Work MA



Research areas

Our staff are active researchers, involved in diverse and wide-ranging projects - locally, nationally and internationally. Some example of our recent research projects include:

- ▶ **LGB families and diverse family structures**
- ▶ **Ageing and later life**
- ▶ **Intersections between public policy and personal life**
- ▶ **Spiritual and religious coping**
- ▶ **End of life and palliative care**
- ▶ **Inter-professional practice**
- ▶ **Resilience and aging**
- ▶ **Sexualities and genders**
- ▶ **Sex & relationships education**
- ▶ **Social justice interventions**
- ▶ **Education to tackle gender related violence, homophobia and transphobia**
- ▶ **Governmentality and school regimes**
- ▶ **Adult safeguarding**
- ▶ **Social work and technology**
- ▶ **Social work education and technology**
- ▶ **Podcasting in education**
- ▶ **Social work education**

Careers and your future

Brunel has strong partnership links with local authorities such as Ealing and Hillingdon and our postgraduate social work students have a track record of securing social work jobs with our partner agencies.

We have an excellent placement team that helps to match students with appropriate children and families and adult social work placements within London. Placement providers are consistently positive about their experience of supervising our postgraduate students and have frequently offered our graduates permanent posts.





Specialist Community Public Health Nursing

We offer post-registration courses through sponsorship with the National Health Service (NHS) and employers at postgraduate level in Specialist Community Public Health Nursing.

Specialisms you can qualify in are health visiting, school nursing and occupational health nursing.

► **Specialist Community Public Health Nursing PGDip/MSc**

Why study Specialist Community Public Health Nursing at Brunel?

Specialist Community Public Health Nursing at Brunel focuses on combining a professional education with academic excellence.

We have an impressive record of research, innovation and publication that feeds directly into our programmes, ensuring they are dynamic and up to date.

www.brunel.ac.uk/specialist-community-public-health-nursing

NMC Nursing &
Midwifery
Council

“If you’re looking to progress onto a leadership role in Nursing, we’ll provide the training and support to help you achieve your ambitions. Brunel works closely with students and our practice partners to support learning in the field to help you become a proactive and innovative practitioner.”

Elaine Tabony, Programme Leader, Specialist Community Public Health Nursing



In the field of post-registration community nursing, over 95% of practitioners qualify through university and obtain employment within their chosen field.

Course information

Specialist Community Public Health Nursing PGDip/MSc

The course is for qualified nurses and midwives who aspire to leadership and management roles and to develop research skills. It will help you become a proactive and innovative practitioner.

On successful completion of your specialist course you'll be entitled to Specialist Community Public Health Nursing (SCPHN) registration with the Nursing and Midwifery Council (NMC).

You'll study the core modules and modules specific to their chosen pathway. Brunel also offers some modules from this programme as Continuing Personal and Professional Development (CPPD).

Students who gain their postgraduate diploma award may progress to complete a dissertation within five years of their start date for an additional fee. Successful completion of the dissertation will lead to the award of MSc.

Typical modules

Mental Health and Wellbeing; Developing Specialist Community Public Health Nursing Practice; Health Promotion and Public Health Leadership; Approaches to Research; Consolidated Practice

Mode of study

1 year full-time
2 years part-time



WORK
PLACEMENTS

Start date

September 2018

Entry criteria

You should be a qualified nurse/midwife with active registration on part one or part two of the NMC Nursing Register.

2:1 (or international equivalent), or a minimum of a diploma of higher education.

IELTS: 7 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

Health visitors and school nurses can apply through the NHS at: www.jobs.nhs.uk

Occupational health nurses can apply directly to Brunel at: www.brunel.ac.uk/msc-scpnh

Careers and your future

We have strong links with practice teachers, managers and purchasers to ensure you experience a quality programme.

In the field of post-registration community nursing, over 95% of practitioners qualify through university and obtain employment within their chosen field.

"I have had a wonderful experience. The course has been well structured. The tutors are very supportive. I would definitely recommend this course to those who wish to develop their career in occupational health."

Si Chen, Specialist Community Public Health Nursing PGDip



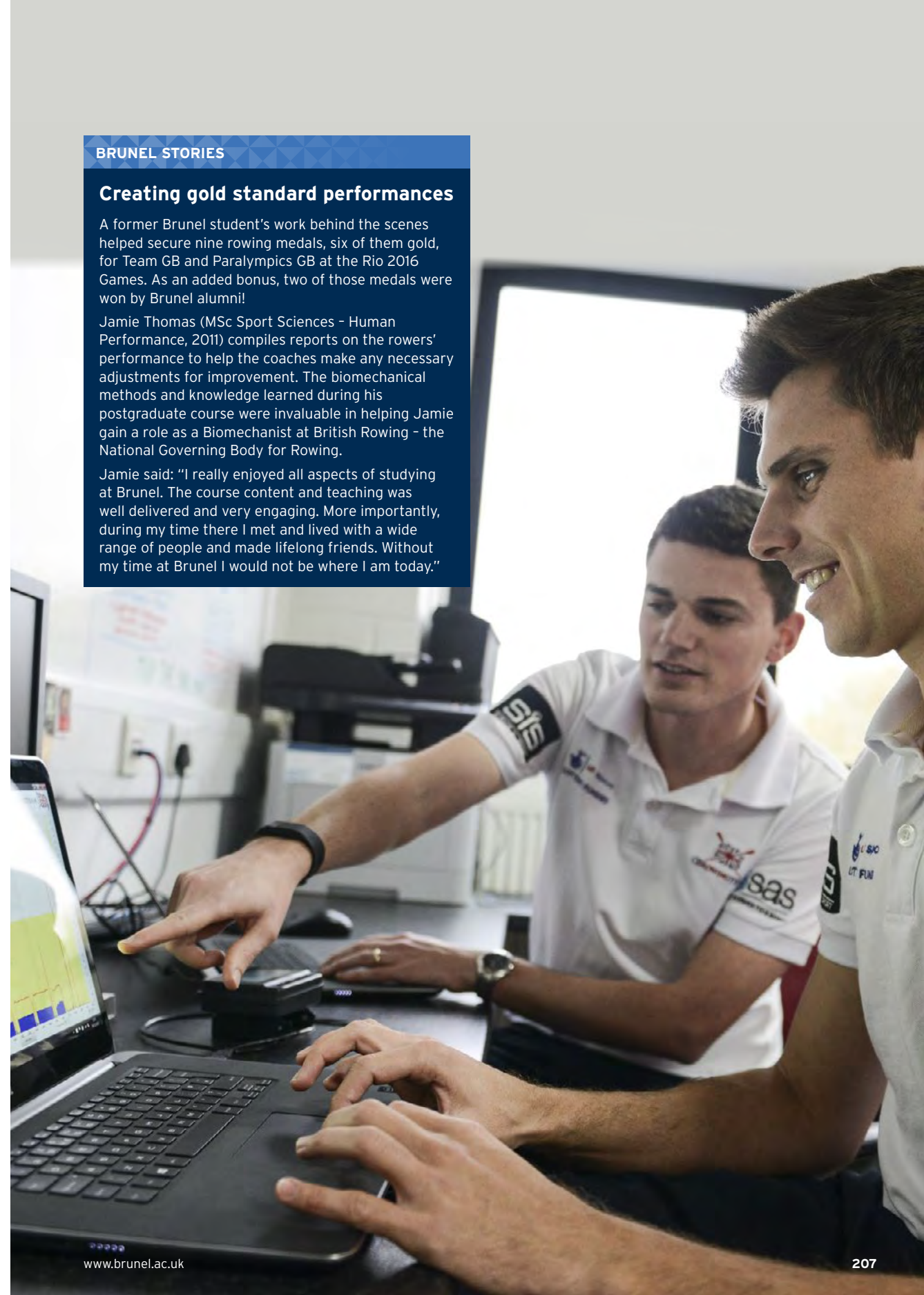
BRUNEL STORIES

Creating gold standard performances

A former Brunel student's work behind the scenes helped secure nine rowing medals, six of them gold, for Team GB and Paralympics GB at the Rio 2016 Games. As an added bonus, two of those medals were won by Brunel alumni!

Jamie Thomas (MSc Sport Sciences - Human Performance, 2011) compiles reports on the rowers' performance to help the coaches make any necessary adjustments for improvement. The biomechanical methods and knowledge learned during his postgraduate course were invaluable in helping Jamie gain a role as a Biomechanist at British Rowing - the National Governing Body for Rowing.

Jamie said: "I really enjoyed all aspects of studying at Brunel. The course content and teaching was well delivered and very engaging. More importantly, during my time there I met and lived with a wide range of people and made lifelong friends. Without my time at Brunel I would not be where I am today."





Sport, Health and Exercise Sciences

When studying a postgraduate sport sciences degree at Brunel, you'll learn and work with some of our world-renowned academics who lead the way in generating new knowledge in this field.

We boast some of the best sports facilities in the UK (including indoor and outdoor sports fitness complex) as well as great links with a range of sporting bodies and companies.

- ▶ **Sport and Exercise Psychology MSc**
- ▶ **Sport, Health and Exercise Sciences MSc**
- ▶ **PhD / MPhil**

Why study Sport, Health and Exercise Sciences at Brunel?

Our Sport, Health and Exercise Sciences programmes enjoy a prominent position at Brunel, building upon traditions that stem from Borough Road College - the oldest teacher-training college in the British Commonwealth.

We have a longstanding reputation for excellence in teaching and an impressive record of research and publication which consistently attracts high-calibre students, including high level sportsmen and sportswomen who successfully combine study with training and competition.

www.brunel.ac.uk/sport-health-and-exercise-sciences

“Our MSc programme is outstanding and is consistently rated very highly by our students. Our staff are both highly respected academics and practitioners. They bring their real world experiences into the classroom alongside being at the cutting edge of developing new knowledge and understanding through their research.”

Dr Misia Gervis, Postgraduate Course Director for Sport, Health and Exercise Sciences

Brunel is a top 5 university for sport, health and exercise sciences research. (Research Excellence Framework 2014)

Course information

Sport and Exercise Psychology MSc

The Sport and Exercise Psychology MSc focuses on the application of psychology in sport and exercise. This course will provide you with a programme of study that prepares you for Stage 2 of training to become a Chartered Sport and Exercise Psychologist with the British Psychological Society (BPS).

This course is fully accredited by the BPS. Students who successfully complete the course will also pass Stage 1 of training to become a Chartered Sport and Exercise Psychologist. In addition, this course will also prepare you for BASES accreditation as a Sport Scientist (Sport Psychologist).

Typical modules

Research and Application in the Psychology of Sports Performance; Social Processes in Exercise and Sport; Psychological Skills for Practitioners; Individual Differences in Sport & Exercise; Research Methods and Data Analysis; Dissertation



Mode of study

1 year full-time
2 years part-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 7 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-spep

“My course at Brunel has constantly bridged the gap between theory and practice. I have learned from the best in the profession and I feel fully prepared to step into the professional world.”

Sanika Vivek Divekar, Sport and Exercise Psychology MSc



Sport, Health and Exercise Sciences MSc

This course is for students with a background in sport science, applied sciences or medicine who are looking for a broad-based degree that includes a choice of modules across sport, health and exercise sciences disciplines.

Designed to meet the demands of the global sports industry, this course also addresses the growing recognition of the value of exercise in the prevention and treatment of disease.

Typical modules

Physical Activity and Health; Research Methods and Data Analysis; Dissertation; Biomechanics of Sport and Exercise; Social Processes in Exercise and Sport; Applied Sports Physiology; Laboratory Techniques in Physiology and Biomechanics; Research and Application in the Psychology of Sports Performance; Psychological Skills for Practitioners

Mode of study

1 year full-time
2 years part-time

Start date

September

Entry criteria

2:2 (or international equivalent), IELTS: 7 (minimum 6 in all areas) or for equivalent, see page 39.

For detailed subject and grade requirements, visit our website.

Apply

www.brunel.ac.uk/msc-shes

“Learn from the best, with the best equipment which mirrors that used in the sporting arena. Being constantly reminded of the practical applications in a ‘real world’ setting is what set Brunel apart and allowed me to achieve my goals.”

Amber Luzar, Sport Sciences BSc and MSc, Performance Analyst for GB and England Hockey, Olympic Gold medallist



Research areas

You can undertake your research in a number of areas within Sport, Health and Exercise Sciences. Our academics are specialists in their field, with particular focus on the following themes:

- ▶ Psychological effects of long-term injury
- ▶ Issues of mental health in elite performance sport
- ▶ Effect of music on performance
- ▶ Psychological Phenomena and on-court markers of quality in tennis
- ▶ A gaze training intervention to young female footballers' passing efficiency
- ▶ Exploring the effects of competitive anxiety on movement patterns in table tennis
- ▶ Biomechanical analysis of vertical jumping to monitor fatigue status in athletes.
- ▶ Biomechanical analysis of sports locomotion

Careers and your future

You'll be equipped with the skills and knowledge gained from staff with extensive experience as practitioners backed by research excellence. These courses will also prepare you for formal accreditation or doctoral study.

Visiting Brunel

Brunel University London is on a single campus in Uxbridge, west London. The campus is well connected to the rest of the UK, being 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: www.tfl.gov.uk/plan-a-journey

By underground

Uxbridge tube station is about one mile from Brunel's campus. You should allow up to an hour for travel between central London (Baker Street) and Uxbridge on the Metropolitan Line, and an extra half an hour on the Piccadilly Line. When you arrive at Uxbridge, leave the tube station from the exit on your right to get to the bus station. The bus takes 10-15 minutes; or you can walk to the campus in 20 minutes.

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 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 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.



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Wednesday 23 January 2019

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