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Advanced Manufacturing and Enterprise Engineering at Brunel is one of the first integrated innovative engineering disciplines in the UK. With four MSc programmes and world class research in advanced manufacturing technology, enterprise engineering and engineering management, this is truly a place where cutting edge research brings the frontiers of science and technology to students. With around 150 postgraduate students from around the world and substantial research income from the EU, research councils and industry, we are a major player in the field of advanced manufacturing and enterprise engineering.

**ADVANCED ENGINEERING DESIGN MSc**

This is a unique Master’s programme with an international reputation. The course aims to educate students to a high level in the area of engineering design. Students are encouraged to obtain practical skills, and to gain real-life experience in the development of new products for the market. The course enjoys close links with industrial partners, with group projects and dissertations often being suggested to students. The course includes a taught element of eight modules; delivery is by a combination of lectures, tutorials and group/seminar work with a final dissertation.

1 year full-time, 2 years part-time.

www.brunel.ac.uk/courses/postgraduate/advanced-engineering-design-msc

This course is accredited by the Institution of Mechanical Engineers and the Institution of Engineering and Technology.

**ADVANCED INSTRUMENTATION AND SMART SYSTEMS MSc**

The programme aims to produce leading engineers/scientists required for the future growth of smart industries and smart societies, and is carefully designed to address the full spectrum of subjects concerning advanced instrumentation and smart systems, ranging from the front end advanced sensor technologies, advanced signal processing and data analysis, to information/knowledge engineering and intelligent control. The programme has the appropriate balance of theory and practice, and will be taught by a team of experts from Brunel and the National Physical Laboratory (NPL), with excellent laboratory resources and facilities.

1 year full-time, 2 years part-time.

www.brunel.ac.uk/courses/postgraduate/advanced-instrumentation-and-smart-systems-msc

This course is currently seeking accreditation by the Institution of Engineering and Technology and the Institution of Mechanical Engineers.

**ADVANCED MANUFACTURING SYSTEMS MSc**

This course tackles the challenges of today’s multidisciplinary work environment which requires a new generation of highly specialised engineers. The programme enables students to understand and implement the principles and techniques of manufacturing and industrial systems, and to design new and innovative solutions within the global context. The course includes a taught element of eight modules; delivery will be by a combination of lectures, tutorials and group/seminar work with a final dissertation. This course can be taken by distance learning.

1 year full-time, 3-5 years distance learning.

www.brunel.ac.uk/courses/postgraduate/advanced-manufacturing-systems-msc

This course is accredited by the Institution of Mechanical Engineers and the Institution of Engineering and Technology.
ENGINEERING MANAGEMENT MSc

This course aims to develop the essential skills and knowledge required across an engineering business context: systems thinking, operations, human resources, project management, strategy and the design and management of the supply chain. The programme aims to produce engineering management professionals who can take the skills they develop at Brunel forward to make a significant difference in the marketplace. This course can be taken by distance learning.

1 year full-time, 3-5 years distance learning.

www.brunel.ac.uk/courses/postgraduate/engineering-management-msc

This course is accredited by the Institution of Mechanical Engineers and the Institution of Engineering and Technology.

OIL AND GAS ENGINEERING MSc

This programme will train specialist engineers in oilfield structures design, fabrication and installation. A key feature of this programme is its overall ambition to instil systems thinking in specialist engineers by treating those structures and their operating environment holistically as a system, and provide the ability and skills to address a wide range of complex engineering issues rapidly. The industry seeks the commissioning and drilling of new wells to meet energy demands, particularly those for heavy oils and shale oil and gas, requiring skilled engineers who can rapidly design and commission oilfield installations.

This course targets those engineering and physical sciences graduates interested in working in the oil and gas industry, as well as professional practicing specialists in the oil and gas sector who wish to specialise in the design, analysis and construction of oil and gas installations to further their careers.

1 year full-time, 2 years part-time.

www.brunel.ac.uk/courses/postgraduate/oil-and-gas-engineering-msc

This course is currently seeking accreditation by the Institution of Mechanical Engineers, the Institution of Civil Engineers, the Institute of Materials, and the Society of Petroleum Engineers.

LUIS MAURICIO MARTINS
Engineering Management MSc

“The MSc allowed me to learn a great deal of technical knowledge, people management and also taught me aspects about engineering systems and the whole value chain and its interconnections. For my dissertation, I did a case study on my former employer, a worldwide leading company on the aseptic carton packaging sector. I focused on how the attitudes and initiatives of a core department influenced the overall company’s competitive advantage.

My degree helped me to link all my technical experience with a more complete and broad view of a business as a whole. I became more aware of the many issues involved in the workplace such as Project Management, People and Finance Management and also Operations Strategy and Global Supply Chain Manufacturing. I have recently found a job as Project Manager for a company situated in Aberdeen.”

YOU MIGHT ALSO LIKE...

Advanced Mechanical Engineering MSc......page 78
Integrated Product Design MSc...............page 57
Over twenty years ago Brunel established Europe’s first Master’s in Medical Anthropology. Since then, Brunel has launched the world’s first Master’s in the Anthropology of Childhood, Youth and Education, the only Master’s in Psychological and Psychiatric Anthropology outside the USA, as well as a unique Master’s in the Anthropology of International Development and Humanitarian Assistance. Our degrees are open to all. People working in the health, social or psychological professions, or in development, charity or educational sectors will derive intellectual stimulus and professional advantage from our degrees, which combine coursework, training in research methods and fieldwork leading to a dissertation. Our unique dissertation programme is widely admired for the excellent ethnographically grounded projects it produces and the opportunities it offers for life-changing fieldwork experiences, often leading to career changes.

**ANTHROPOLOGY OF CHILDHOOD, YOUTH AND EDUCATION MSc**

The distinctiveness of this MSc derives from an anthropological approach that focuses on child and youth perspectives and the role that education plays in children’s learning processes and in the transmission and acquisition of cultural knowledge. Through an examination of ethnographic cases from around the world (including the UK), participants will learn about the different ways in which childhood and youth are understood and conceptualised, with the different educational forms and processes through which cultural knowledge is transmitted and acquired.

1 year full-time, 2 days per week. 2-2.5 years part-time, 1 day per week.

www.brunel.ac.uk/courses/postgraduate/anthropology-of-childhood,-youth-and-education-msc

**ANTHROPOLOGY OF INTERNATIONAL DEVELOPMENT AND HUMANITARIAN ASSISTANCE MSc**

Anthropology has played a key role in the emergence of new perspectives on humanitarian assistance and the livelihoods of populations caught up in extreme circumstances such as famines, natural disasters and wars. This MSc examines contemporary issues and debates surrounding international development.

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**MIKAL**

**ANTHROPOLOGY OF CHILDHOOD, YOUTH AND EDUCATION MSc**

“As soon as I read about the MSc in Anthropology of Childhood, Youth and Education at Brunel, I knew this was the course for me – just by reading through the description of the modules I knew that it would provide me with a unique perspective and understanding on how children and youth are perceived in different cultures. The course enabled me to critically evaluate how educational systems in different cultures are constructed to produce a certain type of citizen. It was one of the best decisions I’ve ever made.

From the topics of the lectures, to the readings recommended and the assignments given, I honestly enjoyed the whole experience. All the lecturers are very passionate about what they do, very supportive and experienced. I would strongly recommend this course to anyone who is interested in working with children or youth or in education as it will open your mind to a number of very relevant issues.”
and humanitarian assistance, as well as their implications. This course appeals to graduates from a variety of backgrounds, including anthropology, sociology, economics, politics, geography, law and development studies. It will enable students to seek employment with NGOs, international agencies and the civil service. It will also provide a useful stepping stone for those seeking to undertake doctoral research in international development.

1 year full-time, 2 days per week.
2-2.5 years part-time, 1 day per week.

www.brunel.ac.uk/courses/postgraduate/anthropology-of-international-development-and-humanitarian-assistance-msc

MEDICAL ANTHROPOLOGY MSc

Medical anthropology is the study of cultural beliefs and behaviours associated with the origin, recognition and management of health and illness in different social and cultural groups. It is concerned with informal systems of health care such as self-treatment, folk healers, shamans, traditional birth attendants, and alternative practitioners, as well as professional Western science-based medicine and caring practices. The first taught Master’s degree dedicated to medical anthropology in Europe, the Brunel MSc has a long established history. Students will acquire analytical and research skills that can be used in a wide range of careers.

1 year full-time, 2 days per week.
2-2.5 years part-time, 1 day per week.

www.brunel.ac.uk/courses/postgraduate/medical-anthropology-msc

PSYCHOLOGICAL AND PSYCHIATRIC ANTHROPOLOGY MSc

This course, the first of its kind in Europe, addresses psychological and psychiatric issues from an anthropological perspective using cases from around the world to explore how person, consciousness, and experience are shaped through cultural practices and political realities. By engaging with debates on these topics and through the examination of world ethnography, participants learn about selfhood, emotion, identity and mental illness in diverse cultural contexts. The course will appeal particularly to those who want to work in the health, charity or educational sectors or wherever a cross-cultural understanding is an advantage.

1 year full-time, 2 days per week.
2-2.5 years part-time, 1 day per week.

www.brunel.ac.uk/courses/postgraduate/psychological-and-psychiatric-anthropology-msc

SOCIAL ANTHROPOLOGY MRes

This MRes provides high quality training in anthropology and anthropological research of relevance to those who wish to use it as a foundation for PhD study or to enhance their careers through acquisition of advanced knowledge and research skills. The MRes can be completed as a qualification in itself, or as the first stage in a four-year PhD programme. For students with no previous anthropological training, it can act as a conversion course. A unique feature of this programme is that students can design Guided Study Modules to focus on their own areas of research interest.

1 year full-time, 2 days per week.
2-2.5 years part-time, 1 day per week.

www.brunel.ac.uk/courses/postgraduate/social-anthropology-mres

SPECIAL FEATURES

• Teaching condensed into one (part-time) or two (full-time) days per week during term time

• The opportunity to conduct two months supervised field research anywhere in the world

• The Cecil Helman Scholarship offers awards of £1,000 for MSc Medical Anthropology students to help fund their research on the course

YOU MIGHT ALSO LIKE...

Children, Youth and International Development MA ........................................page 93
Ageing Studies PGCert/PGDiploma/MSc, page 70
International Human Rights Law LLM ...........page 76
Brunel Institute for Bioengineering (BIB) has developed over the last 30 years into an Institute providing new solutions for healthcare and health delivery. It now offers an exciting multi-disciplinary course aimed at developing the skills required for professionals to launch a strong career in the growing application field and industrial sector of Bioengineering. BIB is a Specialist Research Institute that produces leading solutions for a range of bioengineering sectors by working with industries and clinical centres, both internationally and nationally. The multidisciplinary team of engineers, chemists, biochemists, biologists and clinicians leads ground-breaking work that will be used to reinforce the experience and opportunities of students on this unique course.

The research strengths of the team are in: surgical robotic tools; implantable devices and smart sensing systems; bioprocessing and biosensing technologies for specific applications including drug delivery, pharmaceuticals, cellular processing and tissue engineering; biomaterials; tissue repair and implantable biosensing. The successful expansion of Bioprocessing research has led to the establishment of the Advanced Bioprocessing Centre (ABC), which provides a research focus on bioprocessing, taking small-scale, analytical methods for purifying pharmaceuticals, proteins, cells and other mixtures and turning them into large-scale processes suitable for production. As an international centre of excellence in its own right, it is the first point of contact for both academia and industry when facing challenging separation problems.

With outstanding experimental facilities available, a significant proportion of our research is dedicated to modelling and simulation. It is used to predict separation processes, diagnose and interpret diagnosis data, judge the impact of therapies and optimise the design of smart sensing systems, medical devices and tools.

**BIOENGINEERING MRes**

This research-led programme utilises the Institute's expertise to address the multi-disciplinary subjects of engineering, biology, human physiology, and medicine. The course delivers taught modules to fill knowledge gaps within the specific bioengineering disciplines and provides substantial training on performing research in biomechanics engineering, biosensing, medical instrumentation and bioprocessing. Students are exposed to ongoing research activities with the opportunity to carry out their dissertation research on a specific project of their choice. Extensive training in research methodology and practice will equip students with all the necessary skills to perform bioengineering research independently within a multidisciplinary context.

Our MRes is unique, as during the introductory period every student can tailor their course to their needs and interests. In addition to compulsory modules, students can follow one of the principal streams outlined below, and select two corresponding optional modules.
Compulsory modules include:
- Innovation Management and Research Methods
- Bioengineering Research Methods
- Biomedical Engineering Principles
- Biomedical Statistics

Stream A
- Robotics for Bioengineering
- Biomedical Imaging and Image Processing

Stream B
- Biofluid Mechanics
- Advanced Biofluid Mechanical Research

Stream C
- Tissue Engineering and Regenerative Medicine
- Biomechanics and Biomaterials

Stream D
- Advanced Separation Science and Industrial Case Studies
- Process Instrumentation and Practice

The dissertation projects will embrace the chosen stream’s research area and our associated industrial partners will be able to provide or advise on topics for user-drive projects with industrial relevance. These kinds of research projects often form the basis for further postgraduate studies at PhD level in Bioengineering.

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

ENQUIRIES
bibadmin@brunel.ac.uk
+44(0)1895 266918

YOU MIGHT ALSO LIKE...
Bioengineering PhD..............................page 104
Biomedical Engineering MSc...............page 79
Biosciences at Brunel is research-active with a focus on human health and disease mechanisms. As a consequence, the curricula for Biosciences courses are not restricted to text book knowledge. The modules are taught by highly motivated scientists who expand the known territory of a scientific area with unique discoveries.

The research interests of our staff take place within four centres: Brunel Institute for Cancer Genetics and Pharmacogenomics; Centre for Cell and Chromosome Biology; Centre for Infection, Immunity and Disease Mechanisms; and the interdisciplinary Centre for Systems and Synthetic Biology.

Our research covers topics including basic cell biology, viral, bacterial and fungal infections, an understanding of the human immune system and endocrinological disorders and a fundamental understanding of cellular ageing and cancer therapy. This enables our students to choose between a large variety of real-world on-going research projects, which range from investigations of genomic stability in bacteria and eukaryotic cells and the identification of genes in human longevity to investigations in specific signalling pathways in breast cancer cell lines.

**MOLECULAR MEDICINE MSc**

The course aims to provide specialist theoretical and practical knowledge and experience of cellular and molecular biology and genetics, and their application to the study of human diseases in the context of a range of genetic and infectious diseases.

The course will focus on developing research skills and is designed to develop students’ ability to become independent and creative scientists. Through our enthusiastic, innovative and research-driven approach, the teaching on this course reflects the fast changing nature of biomedical research, with specific emphasis on the human genome and molecular medicine.

1 year full-time, 2 years part-time. Most modules taught in 2 week block format: Monday-Wednesday, 9am-5pm.

www.brunel.ac.uk/courses/postgraduate/molecular-medicine-msc
MOLECULAR MEDICINE AND CANCER RESEARCH MSc

The course aims to provide specialist theoretical and practical knowledge and experience of cellular, molecular biology and genetics, and their application to the study of human diseases in the context of the scientific and clinical problem of human cancer.

The course will focus on developing research skills and is designed to develop students’ ability to become independent and creative scientists. Through our enthusiastic, innovative and research-driven approach, the teaching on this course reflects the fast changing nature of biomedical research, with specific emphasis on the human genome, molecular medicine and cancer research.

1 year full-time, 2 years part-time. Most modules taught in 2 week block format: Monday-Wednesday, 9am-5pm.

www.brunel.ac.uk/courses/postgraduate/molecular-medicine-and-cancer-research-msc

YOU MIGHT ALSO LIKE...

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Biomedical Engineering MSc.....................page 79

STEFANO VECCHIARELLI

MOLECULAR MEDICINE AND CANCER RESEARCH MSc

“I chose to study at Brunel because I liked the modules which are both theoretical and practical. My dissertation project is about the complement system and Alzheimer’s disease in mice. It was found that Clq, a protein of the immune system, is upregulated in both humans and mice affected by Alzheimer’s and I am trying to understand the interaction of this protein with the disease.

In my year spent at Brunel, I enjoyed the environment, the people and the close proximity to London. I was involved in a volunteer project with children and the experience was so helpful for my English. I also worked during graduation week as parking steward. Next, I hope to apply for a PhD position. I recommend Brunel University, you will work hard but will also have a lot of fun!”
Vibrant, innovative and forward-looking, with ambitious plans for the future, Brunel Business School is one of the best business schools in London.

The School houses six research centres undertaking international level research in the fields of business and management. These centres generate high quality outputs.

**ACCOUNTING AND BUSINESS MANAGEMENT MSc**

The MSc in Accounting and Business Management will appeal to graduates with business-related degrees who want to develop their understanding of accounting and management in a business context and develop skills that enhance their employability.

1 year full-time, minimum 3 days per week, January or September start.

www.brunel.ac.uk/courses/postgraduate/accounting-and-business-management-msc

This course is accredited by the Chartered Institute of Management Accountants (CIMA), the Institute of Chartered Accountants in England and Wales (ICAEW) and the Association of Chartered Certified Accountants (ACCA).

**APPLIED CORPORATE BRAND MANAGEMENT MSc**

This programme covers issues of branding relating to blue chip companies, the service industry, banks, petroleum companies, lifestyle organisations, corporate brand heritage, nation and place branding. The core contents of branding are examined at the corporate rather than product level.

This MSc is also available with a work placement, allowing students to take their learning outside the classroom by pairing them with brand companies such as Telefonica Europe, Mars and Tetley or with brand agencies such as BrandPie and Radley Yeldar.

1 year full-time, minimum 3 days per week, September start. MSc with work placement includes 14 weeks professional practice (optional).

www.brunel.ac.uk/courses/postgraduate/applied-corporate-brand-management-msc

**BUSINESS INTELLIGENCE AND SOCIAL MEDIA MSc**

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

1 year full-time, minimum 3 days per week, January or September start.

www.brunel.ac.uk/courses/postgraduate/business-intelligence-and-social-media-msc

**GLOBAL SUPPLY CHAIN MANAGEMENT MSc**

This MSc is an exciting and focused programme for those considering a career in Supply Chain or Logistics. Students study issues relating to the development of supplier relationships, operations improvement, procurement strategies, inventory control, logistics operations and sustainability, as well as contemporary issues affecting these areas. The programme includes visits to manufacturing and service organisations to observe the match between theory and practice such as Jaguar and BMW’s Mini car plant.

1 year full-time, minimum 3 days per week, September start.

www.brunel.ac.uk/courses/postgraduate/global-supply-chain-management-msc

This course is accredited by the Chartered Institute of Logistics and Transport and the Chartered Institute of Purchasing and Supply.

**HUMAN RESOURCE MANAGEMENT MSc**

This MSc offers students the opportunity to explore in depth the theoretical and analytical issues in the management of human resources and the role these play in organisational success. Students will examine a full range of HRM approaches, techniques and methodologies and will consider key HR systems and processes from an international perspective with a focus on Corporate Social Responsibility and Global Diversity Management.

1 year full-time, minimum 3 days per week, January or September start.

www.brunel.ac.uk/courses/postgraduate/human-resource-management-msc

This course is accredited by the Chartered Institute of Personnel and Development (CIPD).

**HUMAN RESOURCE AND EMPLOYMENT RELATIONS MSc**

This exciting programme gives students a thorough grasp of current theory and practice relating to the management of human resources and employment relations. Whilst the UK is the primary focus for the study of employment relations issues, students also consider the human resource management challenges of organisations operating across national boundaries. The programme explores the key role played by employers, employees and their representatives in enhancing effective organisational working.

1 year full-time, minimum 3 days per week, January or September start.

www.brunel.ac.uk/courses/postgraduate/human-resources-and-employment-relations-msc

This course is accredited by the Chartered Institute of Personnel and Development (CIPD).
INTERNATIONAL BUSINESS MSc

In addition to providing a thorough understanding of the principal business and management functions, this degree explores the particular issues faced by organisations operating across national boundaries or cultures, as well as the processes of globalisation in the 21st century and their implications. Suitable for anyone seeking a successful career in a multinational organisation or in a smaller enterprise operating internationally, this degree will also appeal to anyone interested in undertaking research in either an academic or commercial setting.

1 year full-time, minimum 3 days per week, September start.

www.brunel.ac.uk/courses/postgraduate/international-business-msc

MANAGEMENT MSc

The aim of this programme is to offer students a critically aware understanding of management through an advanced study of organisations and the changing contexts in which they operate. It provides preparation and development for a career in any sector.

Students are eligible for a choice of four awards:

- MSc Management (General Management)
- MSc Management (Branding and Marketing)
- MSc Management (Technology and Innovation Management)
- MSc Management (Creative Industries)

The MSc Management (with Professional Practice) incorporates an optional work placement component of 14 weeks plus UK commercial visits such as to BMW's Mini car plant as well as the opportunity to compete for a place on a week-long overseas study tour to learn about a specific international market.

1 year full-time, minimum 4 days per week, January or September start.

www.brunel.ac.uk/courses/postgraduate.Management-msc

MARKETING MSc

The MSc in Marketing provides students with insights into the marketing management practices of international organisations, and gives the opportunity to understand contemporary marketing theories, based on cutting-edge knowledge gained from academic research and industrial practices.

Students participate in discussions with subject experts and practitioners who visit as guest speakers. They also apply theory to practice through the creation of an entrepreneurial venture with a business plan, and develop an 'elevator pitch'.

1 year full-time, minimum 3 days per week, January or September start.

www.brunel.ac.uk/courses/postgraduate/marketing-msc

This course is accredited by the Chartered Institute of Marketing (CIM). Graduates can obtain direct entry into CIM's Chartered Postgraduate Diploma in Marketing.
MASTER’S IN BUSINESS ADMINISTRATION

The MBA is an intensive, research-led programme designed to maximise students’ investment in a global executive career. It is a one-year programme with the option of specialising in Aviation or Healthcare Management.

The richness of the Brunel MBA curriculum is based on the key concepts that can help managers and CEOs develop the expertise required to lead and manage in the international business context. The Leadership Masterclass Series and the Career Development Programme combined with over 500 hours of direct teaching contact hours successfully maintain the balance between theory and practice. MBA students undertake regular visits to companies in the UK such as British Airways and Coca Cola and many companies visit the students on campus as part of the MBA Guest Speaker Series “Let’s Talk Business.” Students have the opportunity to embark on a tour of one of the main economic hubs in the world, to learn about operations of multinational corporations. Recent students met with senior directors of companies such as Cadbury’s, McDonald’s and Merrill Lynch.

1 year full-time, minimum 4 days per week, January or September start.

www.brunel.ac.uk/courses/postgraduate/business-administration-mba

YOU MIGHT ALSO LIKE...

Business Finance MSc .........................page 58
Media and Communications MSc ...............page 95
Business Systems Integration
(with SAP Technology) MSc ....................page 52

Vrushali

GLOBAL SUPPLY CHAIN MANAGEMENT MSc

“I’d already made up my mind to do a Master’s in Supply Chain Management before graduating in Automobile Engineering. I was particularly interested in a university with a good reputation that was located in a cosmopolitan city, like my home city of Mumbai.

Brunel University ticked all the boxes: the MSc Global Supply Chain Management offered exactly the right modules and the University has an excellent international reputation with high calibre teaching staff. Added to that, the location couldn’t be better – just 45 minutes to the centre of one of the best cities in the world.

I’ve not only studied alongside students of different nationalities and different cultures, but of different viewpoints, too. Living on campus has been amazing, especially the sporting facilities. Indeed, life at Brunel is one of the most memorable experiences I’ve had so far in my life.”
Civil Engineering at Brunel brings together the traditional and cutting-edge aspects of the subject. Our technical facility, the Joseph Bazalgette Laboratories, has recently seen considerable investment in new equipment. This gives students and researchers the opportunity to use the latest technology to develop innovative materials, and test construction and natural engineering materials under controlled conditions. Innovative structural design and medium and large scale structure tests are possible. There are also opportunities to develop expertise in the ‘real’ world, for example through site investigation and design.

**PROJECT AND INFRASTRUCTURE MANAGEMENT MSc**

The demand for infrastructure provision and maintenance has become more acute, and this programme will develop graduates and engineers who will be at the forefront of managing developments in this area.

The programme, designed to be relevant to students from a wide range of engineering disciplines, will demonstrate the links between theory and practice by including input from various sources. Modules on, for example, project finance and risk will underpin modules focusing on sustainable project, infrastructure and environmental management. There are many career options, for example in the public sector where graduates are employed in various capacities such as project managers.

1 year full-time.

[www.brunel.ac.uk/courses/postgraduate/project-and-infrastructure-management-msc](http://www.brunel.ac.uk/courses/postgraduate/project-and-infrastructure-management-msc)

This course is accredited by the JBM which includes the following professional bodies: the Institution of Civil Engineers, the Institution of Structural Engineers, the Chartered Institution of Highways and Transportation, and the Institute of Highway Engineers.

**STRUCTURAL ENGINEERING MSc**

Structural engineers help to make, shape and maintain the built environment. Climate change is an increasingly important issue and the role of the structural engineer in tackling climate change is immense. This MSc is designed as a single source for developing and enhancing structural engineering skills necessary to meet the increasing demand for structural engineers to design more safe, economic and environmentally friendly buildings. There are four taught modules focused on the sustainability, safety and resilience of civil engineering works. Dissertation projects will be closely linked to ongoing research in these areas. The programme is distinctive because of its emphasis on the buildings’ safety and sustainability and disaster mitigation of civil structures.

1-year full-time.

[www.brunel.ac.uk/courses/postgraduate/structural-engineering-msc](http://www.brunel.ac.uk/courses/postgraduate/structural-engineering-msc)

We are currently seeking accreditation for this course from the major professional institutions.

**WATER ENGINEERING MSc**

This MSc addresses key challenges associated with the built and natural environments, manufacturing infrastructure, and human and ecological system health and well-being. It aims to tackle a global shortage of qualified water engineers by training graduates with advanced knowledge and skills.

The course is distinctive in bringing together a broad spectrum of applications within water engineering, covering advanced topics in civil engineering, chemical engineering, building services engineering, and sustainable water resources engineering. The programme examines links between theory and practice through input from industrial partners and site visits. The programme has been designed to be relevant to students from a wide range of engineering disciplines.

1-year full-time.

[www.brunel.ac.uk/courses/postgraduate/water-engineering-msc](http://www.brunel.ac.uk/courses/postgraduate/water-engineering-msc)

This course is accredited by the JBM which includes the following professional bodies: the Institution of Civil Engineers, the Institution of Structural Engineers, the Chartered Institution of Highways and Transportation, and the Institute of Highway Engineers.

**YOU MIGHT ALSO LIKE...**

Sustainability, Entrepreneurship and Design MSc..........................page 67

Management MSc.......................................................... page 48
Find out more about postgraduate courses and study at Brunel
www.brunel.ac.uk/courses/pg
The Department of Computer Science is home to a vibrant and talented community of academics, researchers and students. Recognised for both high quality teaching and research, we attract staff and students from all over the world. We are the largest research group of its type in the country and we were ranked top in the UK in terms of ‘Research Power’ in the last Research Assessment Exercise (RAE). Our postgraduate students 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.

BUSINESS SYSTEMS INTEGRATION (WITH SAP TECHNOLOGY) MSc

The aim of this cutting edge programme is to develop practical skills and critical awareness in state-of-the-art business/enterprise systems integration, from a service-oriented perspective. During the Business Systems Integration course, students will gain hands-on experience of SAP technology. In addition, they can opt to take the SAP TERP 10 certification course which is a recognised industry qualification. This will be delivered in a two-week block at the end of the programme. Students who successfully complete the certification module will be certified as ‘SAP Consultant Solution Architect ERP – Integration of Business Processes with MySAP ERP.’

1 year full-time, 2 days per week.
2 years part-time, 1 day per week.

www.brunel.ac.uk/courses/postgraduate/business-systems-integration-with-sap-technology-msc

Students who successfully complete the certification module will be certified as ‘SAP Consultant Solution Architect ERP – Integration of Business Processes with MySAP ERP.’
DATA SCIENCE AND ANALYTICS MSc

This course will develop critical awareness of the state-of-the-art in data science and will teach you the practical skills you need to create value in its application to business, scientific and/or social domains. Data scientists are in short supply and this course will give you the tools you need to take advantage of that shortage.

The programme is run in conjunction with SAS and as an integral part of the course you will gain hands-on experience of commercial SAS tools. In addition, you will have the opportunity to obtain SAS certification, a recognised industry qualification. There is also the opportunity for a three month internship in industry at the end of the full-time course.

1 Year full-time, 2 days a week (15 months with Professional Practice).
2 years part-time, 1 day per week.

www.brunel.ac.uk/courses/postgraduate/data-science-and-analytics-msc

INFORMATION SYSTEMS MANAGEMENT MSc

This course will develop critical understanding of the management of information systems in the context of people, organisations, processes and information technology. The programme will enable students to deepen and broaden their existing information systems knowledge, with the support of internationally renowned research staff.

Students will also develop their professional and managerial skills, equipping them for a rewarding career in the field of information systems.

1 year full-time, 2 days per week.
2 years part-time, 1 day per week.

www.brunel.ac.uk/courses/postgraduate/information-systems-management-msc

YOU MIGHT ALSO LIKE...

Business Intelligence and Social Media MSc ......................... page 46
Computer Communication Networks MSc ......................... page 62
Distributed Computing Systems Engineering MSc ................ page 63

DIGITAL SERVICE DESIGN MSc

This course will give you the skills required to work in the digital service design industry, which is seeing major growth worldwide. This course was developed in collaboration with Wilson Fletcher, a leading digital service design consultancy in London, and we are also working with other industrial partners who provide practical course input. The course is skills-based, with a strong emphasis on professional practice. Students will carry out two work placements with digital design companies and will also have the opportunity to undertake a company-sponsored dissertation project. This course is open to applicants from an Arts, Design, Social Sciences, Computer Science or Humanities background.

One year full-time, 2 days per week.

www.brunel.ac.uk/courses/postgraduate/digital-service-design-msc

MUSTAFA AMIN SYED

BUSINESS SYSTEMS INTEGRATION (WITH SAP TECHNOLOGY)

“My career aspiration to work as an SAP consultant, along with my interest in further academic studies drove me to do this course. The close proximity to London and the easy transport links helped me decide that this was the right place to study. I found the course content and teaching approach highly enjoyable and very informative. The course was well structured and the academics were extremely helpful. I especially enjoyed the group projects. I definitely believe studying for an MSc at Brunel helped me to get where I am today. After graduation I joined Accenture as a SAP Tax Consultant and have been working there for two years now. I have primarily been working on global SAP projects within the energy sector.”

www.brunel.ac.uk/courses/postgraduate/business-systems-integration-with-sap-technology
CREATIVE WRITING

The Creative Writing team at Brunel has published over eighty books between them by the likes of Penguin, Faber and Bloomsbury. Work includes fantasy, thriller, historical, horror, crime, comedy, experimental and feminist fiction, biography, short stories, children’s literature, poetry and performance poetry, as well as scripts for television, film, theatre and BBC radio. Staff have written for national newspapers such as The Times and The Guardian, edited books and magazines, had work translated into many languages, received honours, nominations and awards, judged prizes and sat on national arts and writing committees. Among the members of staff are novelists Professor Will Self, Bernardine Evaristo, Max Kinnings, Sarah Penny, Matt Thorne, Tony White, Matthew De Abaitua, poet and Young Adult author Benjamin Zephaniah and screenwriter Frazer Lee.

These Master’s courses are career-oriented, focusing on current professional practice. Our West London location means you are within reach of the capital’s vibrant arts scene.

REBECCA HUBBARD
CREATIVE WRITING MA

“For my MA dissertation I wrote and revised over one hundred garden poems and pieces of flash fiction. My tutor was incredibly generous with his time, help and encouragement and this helped ‘grow’ my writing. I was given sensitive yet incisive feedback, pointed towards further inspirational reading and given ideas about how to structure my thinking and material. A year later, after some revisions and additions, this dissertation became a collection and was accepted for publication by Cinnamon Press.”

Rebecca’s collection *The Garden of Shadow and Delight* was published in summer 2014.

CREATIVE WRITING MA

This course has been designed to give expert teaching in a broad range of creative writing. It demonstrates through presentation and practice how to write a novel, an autobiographical memoir, a film script and a feature article, how to teach creative writing, how to organise creative writing events and how to prosper in the creative industries.

1 year full-time, 1 day per week.
2 years part-time, 0.5 days per week.

[www.brunel.ac.uk/courses/postgraduate/creative-writing-ma](http://www.brunel.ac.uk/courses/postgraduate/creative-writing-ma)
CREATIVE WRITING: THE NOVEL MA

This MA was designed by writers, for writers to teach everything a new novelist ought to know. It combines a focus on the skills of writing full-length fiction with a clear-eyed exploration of the publishing process and related creative fields. This MA has attracted considerable interest among publishers and literary agents, many of whom participate actively in the programme. The Curtis Brown Prize is awarded annually to the student with the best dissertation.

1 year full-time, 1 day per week.
2 years part-time, 0.5 days per week.

YOU MIGHT ALSO LIKE...

Journalism MA .............................................page 73
English Literature MA ............................... page 64

www.brunel.ac.uk/courses/postgraduate/creative-writing-the-novel-ma
Brunel Design has an international reputation for high quality taught programmes and research, with strong links with industry and excellent employment figures for graduates. Design at Brunel has evolved to meet the needs of industry worldwide, and many of our graduates have won national and international design awards.

We have an extensive cross-disciplinary lecturing team, including mechanical and electrical engineers, computer and materials scientists, mathematicians, psychologists, and practising designers and graphic artists. It is this cross-disciplinary nature that gives our students the knowledge and expertise they require, and distinguishes us from virtually every other Design and Engineering department in the UK.

**DESIGN AND BRANDING STRATEGY MA**

This world-leading course aims to prepare students from design, creative and related disciplines to develop and envision innovative strategies for growth. This can relate to design, branding (product, services, experience and place), and other professions including education, government and the third sector.

Students will develop high level skills and creative design thinking and will learn to communicate strategies for successful brand building, futures forecasting and change management. Students will benefit from direct contact with design and branding experts through excellent industry networks, research and professional support and tutorials. Modules include Strategic Design Management, Branding Strategy, Innovation Strategy and Management, Design and Branding Futures, Design Research Project and the Dissertation.

1 year full-time.
3 years part-time.

[www.brunel.ac.uk/courses/postgraduate/design-and-branding-strategy-ma](http://www.brunel.ac.uk/courses/postgraduate/design-and-branding-strategy-ma)
DESIGN STRATEGY AND INNOVATION MA

"I chose Brunel because of its proximity to London and its exceptional reputation within the design industry. The course exceeded my expectations and helped me develop the skills to pursue a career in branding. I liked the diversity of students taking the course in terms of nationality and professional background. This created an interesting, inspiring environment and resulted in a global network of friends.

One of the highlights was the guest lecture series, where each week we heard from a leader in branding, design and innovation including author and brand guru Wally Olins.

Before the MA I studied Product Design and enjoyed a brief career as a furniture designer. I was keen to move into a more ‘client facing’ role; the course at Brunel acted as a powerful catalyst for that. My job now is to create and nurture new business opportunities at Creative Leap, and I am enjoying it immensely.”

DESIGN STRATEGY AND INNOVATION MA

The aim of this unique course is to develop design managers and leaders who will act as catalysts for strategic innovation and change. It combines taught modules and industrial experience through design audits and industry placements. The course is designed to create links between design, users and industry, enabling students to communicate and integrate with other disciplines including marketing, new technology, economics, policy and the environment.


1 year full-time.
3 years part-time.

INTEGRATED PRODUCT DESIGN MSc

Attracting students from a wide range of design and engineering backgrounds, this course builds broad expertise in the design of innovative products, services and systems. Students are interested in tackling contemporary design challenges arising from people and society, the environment and business.

We aim to be at the forefront of the evolving global design profession through work with leading experts in design and innovation methods, human factors, CAD and Rapid prototyping, innovation management and sustainable design. Graduates may go on to employment in leading organisations throughout the world, establish their own businesses or continue with research on PhD programmes.

1 year full-time.

www.brunel.ac.uk/courses/postgraduate/integrated-product-design-msc

This course is currently accredited by the Institution of Engineering Designers.

YOU MIGHT ALSO LIKE...

Advanced Engineering Design MSc ....page 38
Applied Corporate
Brand Management MSc .......... page 46
Digital Design and Branding MSc .......page 62
ECONOMICS AND FINANCE

Economics and Finance at Brunel is one of the ten largest economics departments in the UK with a focus on integrating Economics, Finance and Accounting. Our MSc programmes prepare students for careers in banking, business, finance and accounting and for PhD research in economics. Our teaching is informed by our internationally acclaimed research in financial markets and institutions, macro- and microeconomics, development, financial accounting, corporate governance and econometrics. Many of our academics advise governmental and intergovernmental organisations on economic policy and bring this real-world experience to their teaching.

BANKING AND FINANCE MSc

This programme provides you with training to develop your career in the banking and financial services sector. You will gain a thorough understanding of this field through practical and theoretical application, addressing financial economics, economics of banking, quantitative methods as well as financial regulation both within the organisation and internationally.

Graduates can pursue a range of careers in financial institutions, banking regulatory organisations and investment banks. Internationally, graduates are attractive candidates for domestic regulators and private sector banks. Other graduates work in the financial services sector and undertake doctoral research.

1 year full-time, up to 5 days per week.
2.5 years part-time one day per week.

www.brunel.ac.uk/courses/postgraduate/banking-and-finance-msc

BUSINESS FINANCE MSc

This MSc focuses on corporate finance and financial analysis, and has been training business finance analysts since 1991. By studying the operation and design of corporate financial systems, and analysing business financing and investment decisions, this course should enable students to find a role within the finance department of large firms or in government bodies, as well as provide them with tools to help organise smaller businesses.

The objective of this MSc is to produce graduates with a comprehensive knowledge and understanding of business finance and company valuation within the context of modern financial markets, without necessarily requiring a high level of mathematical or statistical knowledge as a prerequisite. The key transferable research skills acquired will enable students to proceed to PhD study, undertake further professional development and seek career opportunities within financial management. Students will undertake empirical investigations using data from Bloomberg, Thomson (one), Reuters 3000 Xtra and DataStream.

1 year full-time, up to 5 days per week.
2.5 years part-time one day per week.

www.brunel.ac.uk/courses/postgraduate/business-finance-msc

FINANCE AND ACCOUNTING MSc

This joint course develops skills in the theory of finance, company valuation, the assessment of corporate risk, international accounting standards, corporate governance and financial statement analysis. Data and modelling skills can be developed according to the level and interest of the student. Students will be registered and encouraged to obtain certification in Bloomberg, Thomson One (Banker) and DataStream.

1 year full-time, up to 5 days per week depending on chosen modules.

www.brunel.ac.uk/courses/postgraduate/finance-and-accounting-msc
FINANCE AND INVESTMENT MSc

This course focuses on security/portfolio investment decision making and draws on the syllabus of the Chartered Financial Analysts Institute. The course emphasises investment strategies, the evaluation of investment performance, and the evaluation of company performance. Students whose career interests lie with financial institutions or in financial management will obtain the essential analytical tools and techniques. Students will be registered and encouraged to obtain certification in Bloomberg, Reuters 3000 Xtra and DataStream. The course may also be of interest to applicants who are already practitioners in the financial field.

The core units provide a rigorous treatment of the theory of corporate finance and the econometric and mathematical techniques necessary to understand academic literature. The course provides a sound foundation for those interested in continuing to a PhD.

1 year full-time, up to 5 days per week depending on chosen modules.

www.brunel.ac.uk/courses/postgraduate/finance-and-investment-msc

SPECIAL FEATURES

- We have excellent links with business and the finance industry – this means we can help you network with organisations and businesses
- You will have access to professional databases used in the business and finance industry, such as Bloomberg and Bankscope
- Guest lectures including talks by professionals from the private sector are an important part of our programme.

YOU MIGHT ALSO LIKE...

Accounting and Business Management MSc .................. Page 46
Financial Mathematics MSc ................................. Page 77
**EDUCATION**

Education at Brunel is a vibrant community that responds to external forces with expertise and enthusiasm. Our expertise is dedicated to the education of teachers, youth and community workers and other related professionals, both those entering the profession and those who are established.

Brunel has unrivalled experience in teacher training — one of the University’s founder colleges was the first teacher training college in the British Commonwealth. Brunel is a leading research centre for work in supportive education, with particular expertise in high-ability children and those with learning difficulties. Our Primary Education courses are rated as ‘excellent’ by Ofsted.

**EDUCATION MA**

This course is designed for those with a broad interest in education. It enables students to undertake a high-level, critical evaluation of educational theory and practice, and develop the skills and confidence to enhance professional practice in learning organisations.

This course is available with specialisms in:

- Education Management
- Gifted Education
- Special Educational Needs
- Science, Maths and Technology

Three core modules cover the central issues of educational research: assessment; learning and teaching; and professional education. Three option modules can also be selected. The dissertation allows students to undertake a substantial, critically informed and independent research project in a particular field of education.

1 year full-time, 2 evenings a week normally on Tuesday and Wednesday. 2.5 years part-time, 1 evening a week.

[www.brunel.ac.uk/courses/postgraduate/education-ma](http://www.brunel.ac.uk/courses/postgraduate/education-ma)

**MA IN TEACHING (MAT)**

This course is designed for Newly Qualified Teachers who want to make a real difference to pupils’ learning outcomes and allows for the transformation of 60 PG Cert credits into a Master’s degree. The course will enable participants to cultivate a research-informed, critical approach to the development of their practice, providing opportunities to accelerate career progression by developing high quality expertise. The focus is on the processes of teaching and learning and the programme is rooted in participants’ own school-based experience. A distinctive feature of this course is the combination of social science and educational concepts such as pedagogy, socio-cultural diversity and motivation with practitioner enquiry outcomes.

The MA in Teaching blends face-to-face sessions with online study components, with the year 1 fee waived for Newly Qualified Teachers working in enhanced partnership schools.*

* For more information please visit the course web page

3 years part-time, 3 Saturday conferences each year

[www.brunel.ac.uk/courses/postgraduate/ma-in-teaching-mat](http://www.brunel.ac.uk/courses/postgraduate/ma-in-teaching-mat)

**PGCert PRIMARY EDUCATION**

The Primary PGCert programme is currently rated as ‘excellent’ by Ofsted. This course offers you the opportunity to qualify as a teacher across the primary age range from 5 to 11 years.

This intensive, course combines rigorous attention to subject knowledge and pedagogy with high-quality opportunities for extended practice in schools. The Brunel PGCert Primary Education also offers you the chance to develop specialisms in particular aspects of the primary curriculum.

1 year full-time, end of August to end of May, including 24 week School experience.

[www.brunel.ac.uk/courses/postgraduate/pgcert-primary-education-with-qts](http://www.brunel.ac.uk/courses/postgraduate/pgcert-primary-education-with-qts)
PGCert SECONDARY EDUCATION

The PGCert Secondary Education is planned and delivered in very close partnership with successful schools in our region. Each subject aims to equip graduates to teach the National Curriculum across the 11-16 age range with post-16 enhancement. You will learn to teach by combining development of your subject knowledge, attending lectures and seminars about effective teaching, and engaging in extended practice-periods in schools with structured, critical reflection on your developing practice and on the key policies that inform schools and schooling.

We offer the following specialist subject routes:

- Computer Science and Information and Communication Technology
- Mathematics
- Physical Education
- Physics with Mathematics
- Science with Biology
- Science with Chemistry
- Science with Physics

Full-time.

YOU MIGHT ALSO LIKE...

Children, Youth and International Development MA.............page 93
Anthropology of Childhood, Youth and Education MSc...............page 40

REBECCA SHEVLIN
PGCert PRIMARY EDUCATION

“I chose Brunel because I wanted a range of experience in different schools and Uxbridge has a multi-cultural society, so I could gain experience with children from different religions and cultures. I have thoroughly enjoyed going into different schools, meeting new people and hearing about teachers’ experiences and advice. The lecturers are friendly and teach in creative ways during workshops. My personal tutor has been very supportive and there is always someone that will talk to you if you are feeling overwhelmed or stuck.

I am currently working on lesson planning for a literacy topic on play scripts. My tutor came in to observe a literacy lesson and I received excellent feedback and was told my lesson was outstanding, which is a massive achievement. I have also accepted a job at a primary school.”
Our programmes are aimed at developing the knowledge, skills and expertise necessary to match the rapid increase in industry needs for highly qualified engineers across the full breadth of Electronic and Computer Engineering as well as Digital Media Design and Technologies. The department boasts high quality teaching and learning resources, strong research links with industry and a good record of employment among graduates.

**ADVANCED ELECTRONIC AND ELECTRICAL ENGINEERING MSc**
This course is specifically designed for students who wish to pursue advanced studies across the range of specialisms relevant to electronic and electrical engineering. It offers a broad profile that will be of interest to a wide range of potential employers of professional electronic and electrical engineers. A distinctive feature of this MSc is its flexible structure, allowing students to customise the structure and content of the course to meet their academic interests and career aspirations.

1 year full-time.


**ADVANCED MULTIMEDIA DESIGN AND 3D TECHNOLOGIES MSc**
This course aims to develop thorough knowledge of the principles and techniques required for the design of combined real and virtual, interactive and 3D multimedia, and an appreciation of research opportunities that exist in this field. This course aims to develop: advanced skills for the design and creation of combined multimedia; the ability to design and realise complex combined multimedia creations across different media; and the creativity and independent learning required for continual professional development, further research and the acquisition of new skills.

1 year full-time, 2 years part-time.

[www.brunel.ac.uk/courses/postgraduate/advanced-multimedia-design-and-3d-technologies-msc](http://www.brunel.ac.uk/courses/postgraduate/advanced-multimedia-design-and-3d-technologies-msc)

**COMPUTER COMMUNICATION NETWORKS MSc**
Computer and communication networks are a rapidly expanding sector with exciting career prospects. This course provides the opportunity to acquire strong practical and theoretical knowledge through a broad range of modules including Network Computing, Network Security and Data Encryption, Network Design and Management, and Optical and Wireless Communication Systems. The course features a number of well-designed labs and group projects to help students practise and assimilate concepts more easily, as well as a dissertation.

1 year full-time.

[www.brunel.ac.uk/courses/postgraduate/computer-communication-networks-msc](http://www.brunel.ac.uk/courses/postgraduate/computer-communication-networks-msc)

This course is accredited by the Institution of Engineering and Technology. We will be seeking re-accreditation for 2015 onwards.

**DIGITAL DESIGN AND BRANDING MSc**
This course offers a unique opportunity to gain an understanding of digital media design and technologies for branding. As technologies continue to develop in terms of speed, availability and functionality, even greater opportunities will arise for individuals who are able to combine traditional marketing insight with an understanding of digital media, capturing these benefits and articulating them at both an academic and vocational level. This programme aims to fill a gap by developing the knowledge and practical experience of both digital design and branding concepts.

1 year full-time.

[www.brunel.ac.uk/courses/postgraduate/digital-design-and-branding-msc](http://www.brunel.ac.uk/courses/postgraduate/digital-design-and-branding-msc)
SUSTAINABLE ELECTRICAL POWER MSc

This programme meets the industrial demand for the training and education of engineers in the advanced concepts of sustainable electrical power, renewable energy systems and smart grids. It aims to produce graduates with the skills and knowledge to lead teams involved in the operation, control, design, regulation and management of the power systems and networks of the future. It will meet the demand for research and development into sustainable electrical power and for the advanced training and education of existing and future power engineers.

1 year full-time, 35 hours a week for 8 weeks, 3 hours a week for 6 weeks plus dissertation lectures. 2 years part-time.

www.brunel.ac.uk/courses/postgraduate/sustainable-electrical-power-msc

We are currently seeking re-accreditation by the Institution of Engineering and Technology and the Energy Institute for 2015 onwards.

EMBEDDED SYSTEMS MSc

EMBEDDED SYSTEMS (SIGNAL PROCESSING) MSc

EMBEDDED SYSTEMS (MULTIMEDIA COMMUNICATIONS) MSc

Embedded systems are specialised devices that perform most of the impressive functionalities found within complex systems, such as those in telecommunications, multimedia, transportation and aerospace. This course integrates academic study with the realisation of embedded systems, with an emphasis on communications, multimedia, signal processing, and intelligent systems. You will study the fundamentals of embedded systems combined with extensive practical, hands-on work surrounding their design, modelling and implementation.

1 year full-time.

www.brunel.ac.uk/courses/postgraduate/embedded-systems-signal-processing-msc

www.brunel.ac.uk/courses/postgraduate/multimedia-communications-msc

DISTRIBUTED COMPUTING SYSTEMS ENGINEERING MSc

This MSc will equip graduates with a grounding in advanced distributed systems engineering, together with deep insight into the technologies being utilised in large-scale networked enterprise and Internet systems. This MSc delivers a broad range of topics including computer networks, network security and data encryption, distributed system architecture, Google’s MapReduce programming model, software engineering for large scale distributed systems, and emerging computing technologies such as cloud computing.

1 year full-time on campus or 18 months full-time off campus at Esslingen, Germany.

www.brunel.ac.uk/courses/postgraduate/distributed-computing-systems-engineering-msc

WIRELESS COMMUNICATION SYSTEMS MSc

The evolution of wireless communication systems and networks is accelerating at an extraordinary pace. The increase in the use of smart phones, Machine to Machine communication systems, sensor networks, digital broadcasting networks and Smart Grid schemes has brought tremendous technological growth in this field. This global phenomenon outstrips the ability of commercial organisations to recruit personnel equipped with the necessary blend of technical and managerial skills who can initiate and manage the introduction of new technologies in this field.

Incorporating theoretical and practical aspects, this course aims to develop detailed technical knowledge of current practice. You will study the fundamentals of wireless communication systems and the latest innovations.

1 year full-time.

www.brunel.ac.uk/courses/postgraduate/wireless-communication-systems-msc

We will be seeking re-accreditation from the Institution of Engineering and Technology for 2015 onwards.

YOU MIGHT ALSO LIKE...

Digital Service Design MSc.........................page 53
Design and Branding Strategy MA.............page 56
Digital Games: Theory and Design MA ...., page 69
ENGLISH

Postgraduate studies in English at Brunel are delivered by a team of internationally renowned scholars in such diverse areas as Early Modern Studies, Queer Theory, Postcolonial and Transatlantic Studies, Literary Theory and Biography.

The programme is resolutely student-centred, international in flavour and in close conversation with the related MAs in Creative Writing. Students have weekly contact with world-renowned professors delivering subject-leading material in a unique department marked by commitment to the development of new ideas within a creative context, yet always with an eye to the origins and traditions of English Literature as a discipline.

ENGLISH LITERATURE MA

The MA in English Literature is designed for those wishing to prepare for further research, or to take their general studies in English Literature further and enhance their career prospects.

The programme offers the opportunity to study a wide range of topics and periods, from the early Modern/Renaissance through to the modern and contemporary. Taught by world-leading specialists, students will take a unique, concept-led compulsory module as well as choosing from a range of options.

1 year full-time, 1 day per week. 2 years part-time, 0.5 days per week.

www.brunel.ac.uk/courses/postgraduate/english-literature-ma

YOU MIGHT ALSO LIKE...

Creative Writing MA........................................ page 54
Journalism MA.....................................................page 73
“On returning to the UK and re-entering education after several years abroad I decided that Brunel would be the best place for me for my Master’s in English Literature. I was not wrong! The Master’s was certainly no run-of-the-mill literature course, drawing heavily on a wide variety of disciplines to understand texts not just in themselves but as reflections of the societies in which they were created. Themes such as post-colonialism, multiculturalism and gender equality are used to interrogate the texts just as the texts are used to interrogate the themes themselves. As such, the English Literature Master’s student at Brunel finishes their course with both a deeper understanding of wide range of literature and social questions which have engaged humanity since the Enlightenment.

I have been supported in pursuing my interest in the development of literary representations of working class London from the 1930s to the present day, with expert advice from staff specialising in London literature, multiculturalism and contemporary writing. Such has been the support I have received that, completely contrary to my expectations when I began the course, it has encouraged me to continue my studies at PhD level.”
ENVIRONMENT

The Institute for the Environment – or IfE – is a rapidly expanding research centre housing a strong team of leading experts held in high international regard. Research in the Institute 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.

CLIMATE CHANGE IMPACTS AND SUSTAINABILITY MSc

This is an interdisciplinary programme that explores the likely impacts of global climate change on society and the wider environment. The programme is ideal for students with a background in science, social science or law, though other disciplines will be considered. We aim to provide students with an interdisciplinary knowledge of the potential impacts of global warming and climate change across a variety of key areas, including public health, business and economics, national and international policy and technological development, underpinned by a critical understanding of the concept of sustainability.

1 year full-time, 2 days per week, plus site visits.
2 years part-time, 1 day per week, plus site visits.

www.brunel.ac.uk/courses/postgraduate/climate-change-impacts-and-sustainability-msc

ENVIRONMENTAL SCIENCE – LEGISLATION AND MANAGEMENT MSc

This course addresses the principles necessary for the successful implementation of sound environmental management practice, and the up-to-date legal processes involved in environmental control. The course bridges the gap between fundamental scientific and technical data and the management decision-making process. You will also acquire the tools needed for environmental management, including project management, life cycle analysis, environmental reviews and audits. The MSc is suitable for graduates who hope to develop a career in the environmental industry or in public bodies concerned with environmental management and legislation.

1 year full-time, 2 days per week, plus site visits.
2 years part-time, 1 day per week, plus site visits.

www.brunel.ac.uk/courses/postgraduate/environmental-science-legislation-and-management-msc

DANIELLA FELD

SUSTAINABILITY, ENTREPRENEURSHIP AND DESIGN MSc

“The lecturers are extremely helpful and dedicate a lot of time to students. The lectures are very interactive and engaging. I feel the course has prepared me with the knowledge I need to enter the working world. I have thoroughly enjoyed the course and would recommend it to anyone with an interest in sustainability.”
ENVIRONMENTAL SCIENCE – POLLUTION AND MONITORING MSc

This programme is suitable for graduates or those with relevant experience who wish to develop a career in practical environmental monitoring and control for industry, consultancies and public bodies, using applied environmental science. The course provides a rigorous academic treatment of the fundamental scientific principles and practice of assessing and controlling the extent of environmental damage caused by humankind’s activities. It emphasises the processes and techniques relating to the reduction of emissions to air, land and water, and the subsequent effects of the pollution. Potential careers lie in fields such as environmental science, health protection and regulatory processes.

1 year full-time, 2 days per week, plus site visits.
2 years part-time, 1 day per week, plus site visits.

www.brunel.ac.uk/courses/postgraduate/environmental-science-pollution-and-monitoring-msc

SUSTAINABILITY, ENTREPRENEURSHIP AND DESIGN MSc

The results of unsustainable human development are evident as climate change, species extinction, pollution, poverty and inequality become global realities. The next challenge for society is to transform our economy to incorporate principles of sustainability. This presents an exciting opportunity to rethink, redesign and rebuild a positive future for business practice. This MSc will include the option for a further six month professional development period.

1 year full-time, 5 days per week.

www.brunel.ac.uk/courses/postgraduate/sustainable-entrepreneurship-and-innovation-msc

TOXICOLOGY AND RISK ASSESSMENT MSc

The demand for new toxicological testing of chemicals and new risk assessment strategies will increase considerably in future. This MSc provides students with up-to-date understanding of the effects of chemicals on human and environmental health. Students work with real-world case studies which are used to illustrate principles throughout the course. The course focuses on human health effects, ecotoxicology, carcinogens and mutagens mixture toxicology, and computational toxicology.

1 year full-time, 2 days per week plus full week short courses.
2 years part-time, 1 day per week plus full week short courses.

www.brunel.ac.uk/courses/postgraduate/toxicology-and-risk-assessment-msc

YOU MIGHT ALSO LIKE...

Sustainable Energy – Technologies and Management MSc

Page 81
FILM AND TV

Film and TV offers exciting postgraduate courses taught by a team of enthusiastic staff who have published widely on their subjects. We put a high priority on links between teaching and research, which means you’ll be taught directly by authorities in the field. You’ll also be able to benefit from our contacts with industry and have opportunities to gain work experience.

We offer a dynamic combination of analysis and practical work, the latter taking advantage of state-of-the-art HD equipment. You will have the chance to hear from visiting industry speakers.

DOCUMENTARY PRACTICE MA

This MA aims to give students the opportunity to creatively, practically and critically engage with documentary film from a variety of traditions. The course is structured to provide you with training and professional expertise in both dominant/mainstream documentary production techniques and procedures and alternative traditions. This dual focus and the unprescriptive ethos of the course make it a unique space to develop your imagination and knowledge about the documentary.

1 year full-time, 2-3 days per week. 2 years part-time, 1 day per week in Year 1; 2 days per week in Year 2.

www.brunel.ac.uk/courses/postgraduate/documentary-practice-ma

MEDIA AND PUBLIC RELATIONS MA

The academic study of PR and the media is recent, and this new MA puts Brunel at the forefront of this research.

The research interests of the teaching team have given the MA a distinctive character, and the course examines the role of PR in shaping output both within media organisations themselves and in relation to the external impact of PR on the media. The focus on PR within the media will range from large corporations to smaller-scale forms including ‘DIY’ practices employed by lower-budget producers, online channels, key areas of development in PR and marketing more generally.

1 year full-time, 2 days per week. 2 years part-time, 1 day per week. Full-time students should also expect to spend 1 day in the library and 1 day on research per week.

www.brunel.ac.uk/courses/postgraduate/media-and-public-relations-ma
GAMES DESIGN

We have a team of experienced games researchers and industry professionals teaching on this well-regarded, world-class programme. Our students take workshops led by designers working in the industry. Many graduates from our successful MA have gone to work in a range of roles within the games industry. We have a dedicated Games Lab which provides a great place to play games of all formats old and new, and mix with staff and students investigating this exciting new academic topic.

DIGITAL GAMES: THEORY AND DESIGN MA

This Master’s will enable you to engage in, and experiment with, practical game design.

Your conceptual and analytic skills are developed through the analysis of games and their contexts. Different types of games are explored with the aim of encouraging innovative designs. This programme offers a unique focus on practical games design, informed by theory that is not offered by any other university. It is not a software or graphics training programme.

1 year full-time, 2 days per week. 2 years part-time, 2 days per week in Year 1; 1 day per week in Year 2.

www.brunel.ac.uk/courses/postgraduate/digital-games-theory-and-design-ma

Scan to watch on YouTube
Health at Brunel has a truly multidisciplinary focus with staff from a range of professional, subject and disciplinary backgrounds. Their expertise is applicable to many aspects of ‘health’ in its broadest sense, such as health research, health promotion and public health, health care law, health and social policy, community health care nursing, health economics, occupational health and safety, health management and counselling.

AGEING STUDIES PGCert/PGDip/MSc

The Master’s in Ageing Studies has been developed by the Brunel Institute for Ageing Studies (BIAS) in response to meeting the emerging needs amongst health care professionals to develop skills, knowledge and expertise which would enable those dealing with elderly people to operate more effectively.

This course is suitable for professionals working in health and social care, the voluntary sector, care homes, and education, as well as graduates from other disciplines such as social sciences contemplating a career that involves working with older adults.

PGCert: 1 year part-time. PGDip: 2 years part-time. MSc: 3 years part-time.

www.brunel.ac.uk/courses/postgraduate/ageing-studies-msc
PUBLIC HEALTH AND HEALTH PROMOTION MSc

The aim of this course is to enable students to gain advanced skills, principles and knowledge in public health and health promotion whilst also developing a critical and multidisciplinary approach to the complexities of public health and health promotion challenges and possibilities. The programme reflects the multidisciplinary nature of public health and health promotion and includes health policy, politics, sociology, psychology, and advanced academic and research skills.

The programme promotes active learning and a research-led approach, providing an opportunity to conduct a piece of empirical research. The course will be of interest to a wide range of professionals working in health and social care, local government, education and the voluntary sector as well as graduates contemplating a career in public health and health promotion.

1 year full-time, 3 days per week. 3 years part-time, 1-2 days per week in Years 1 and 2; Year 3 is devoted to the dissertation.

www.brunel.ac.uk/courses/postgraduate/public-health-and-health-promotion-msc

HEALTH INFORMATION FOR CLINICAL MANAGEMENT PGCert/PGDip/MSc

This MSc has been developed in response to the growing importance of the efficient use of health information and the associated technology to shape service operations and service improvement initiatives. This unique programme is based on a co-funding award from the National Health Service in London to support continuing professional and personal development within the NHS workforce.

Students seeking careers in this developing area of using health information will find this programme beneficial. This MSc has also been developed for NHS managers, clinical leaders and clinicians in Nursing and Allied Healthcare Professional services. NHS professionals from areas such as HR, Workforce Development, Training, Equality and Diversity, Commissioning, Service Modernisation, Health Improvement, Public Health, Health Promotion, Social Marketing, Mental Health, and Public/Patient Engagement may find the programme relevant.

PGCert: 1 year part-time. PGDip: 2 years part-time. MSc: 3 years part-time.

www.brunel.ac.uk/courses/postgraduate/health-information-for-clinical-management

SPECIALIST COMMUNITY PUBLIC HEALTH NURSING MSc AND PGDip

This Statutory Body approved course is designed for those with initial nurse registration who wish to become specialist community public health nurses in one of three areas of practice:

- Health Visiting
- Occupational Health Nursing
- School Nursing

Successful students gain entry to the Nursing and Midwifery Council Register in their chosen field of practice for their professional award and postgraduate diploma. The course, which is 52 weeks long, involves supervised practice within appropriate settings. Students can progress to and complete the MSc by undertaking a dissertation module.

1 year full-time, 2 days per week plus 2 days per week in practice. 2 years part-time, 1 day per week.

www.brunel.ac.uk/courses/postgraduate/specialist-community-public-health-nursing-msc-and-pgdip

YOU MIGHT ALSO LIKE...

Medical Anthropology MSc................................... page 41
Psychology, Health and Behaviour MSc..... page 91
Journalism is a dynamic, creative and highly competitive working environment. Our courses are designed to address an increasing need for critically engaged professionals, equipped with up-to-date skills for a rapidly changing media landscape. Taught in small groups to ensure close support, we address the current needs of industry through a rigorous grounding in the fundamentals – writing, reporting, sourcing and solid (ethical) editorial judgement. Our courses are National Council for the Training of Journalists (NCTJ) accredited, so that you get a qualification that really counts. You will learn from top industry names – our staff have a breadth of industry experience across the media and we have regular leading guest speakers from industry. You will learn in our purpose-built newsroom and editing suites – expertise and industry-standard hardware and software for print, broadcast and online will be available to you.

Graduates of our degrees are now working for The Independent, The Times, IPC Magazines, Caters News Agency, Sky Sports News, Buzzfeed and many more.
INTERNATIONAL JOURNALISM MA

This MA is designed so that students will have an all-round grounding in multiplatform journalism skills along with advanced understanding of the context of journalism in the modern world.

The course addresses the global expansion in the journalism industry by contextualising different forms of journalistic practice within a framework of technological, political and cultural change.

Special features include:

• multi-skilling in journalism technology;
• emphasis on writing for global journalism;
• specialist activity for informed career choice;
• journalism practice contextualised within a framework of technological, legal, political and cultural change;
• work placement, with experience of real-world journalism, supported by strong Brunel/industry links.

1 year full-time, 3-4 days per week.

www.brunel.ac.uk/courses/postgraduate/international-journalism-ma

NCTJ accredited.

JOURNALISM MA

Brunel’s MA in Journalism is one of the best-performing postgraduate newspaper journalism courses in the UK, according to the National Council for the Training of Journalists (NCTJ).

The programme’s strong employment record is justified by its graduates’ success beyond Brunel. Accredited by the NCTJ, students undergo a rigorous training in professional journalism skills and knowledge, including news writing, Teeline shorthand, government and law. The programme also teaches cutting-edge production skills in a digital multi-media context.

Students will gain an understanding of journalism practice, and interrogate contextual and ethical issues including the role of spin doctors and freedom of information.

1 year full-time, 4 days per week. 2 years part-time, Year 1, 2.5 days per week; Year 2, 1-2 days per week dependent on module choice.

www.brunel.ac.uk/courses/postgraduate/journalism-ma

NCTJ accredited.

YOU MIGHT ALSO LIKE...

English Literature MA................................. page 64
Creative Writing MA........................................ page 54
Media and Communications MSc.................page 95
Media and Public Relations MA...................... page 68
LAW

Law at Brunel offers a diverse portfolio of courses catering to the interests of continuing students and returning professionals aiming to enhance their careers and develop expertise in their chosen subject. Our programmes are taught by internationally recognised experts, ensuring you will be equipped with skills to make you a better professional. Nearly all of our courses have an international emphasis, giving students a global perspective which is often sought by employers.

Students are encouraged to take advantage of the benefits of our active research groups, which focus on the areas of commercial law, intellectual property, human rights, criminal justice, family law, and law and religion. The research groups regularly host events such as conferences, seminars and workshops.

CPE/GRADUATE DIPLOMA IN LAW

The CPE programme has become an established and widely recognised route into both branches of the legal profession. The Joint Academic Stage Board externally validates the programme, which is specifically designed to enable non-law graduates to satisfy the academic stage of the process of legal training. This enables successful students to embark on a vocational training course with a view to entering the legal profession as a solicitor or barrister.

The programme covers the core modules that constitute a qualifying Law degree (and therefore exemption from the academic stage of legal training) in an accelerated one-year format. There is a two-week full-time induction programme for all students that supports the transition from a non-law discipline.

1 year full-time, minimum 4 days per week.
2 years part-time, 2 days per week.

www.brunel.ac.uk/courses/postgraduate/cpe-in-law

INTELLECTUAL PROPERTY LAW PG CERTIFICATE

This course provides a comprehensive overview of theoretical and practical aspects of intellectual property law, and attracts law graduates and those with backgrounds in sciences, technology and the humanities. Upon successful completion of the Intellectual Property Law PG Certificate, students who wish to qualify as a Patent Attorney in the UK will receive exemptions from the foundation level papers set by the qualifying examinations agencies. The programme will provide students with essential knowledge about the theoretical rationales and policy arguments for the recognition of intellectual property rights.

8 months part-time, Wednesday 1-5pm.

www.brunel.ac.uk/courses/postgraduate/intellectual-property-law-pgcert
INTERNATIONAL COMMERCIAL LAW LLM
This research-led programme is designed for law graduates who wish to develop specialist knowledge of differing aspects of international commercial law. It focuses on conceptual and theoretical sources of the substantive laws regulating the fields of study; the procedural mechanisms; and the challenges that attend the evolution of principles, rules and procedures. Specialists with a qualification of this type are increasingly sought by law firms, businesses and government bodies in response to the expansion of international trade, commerce and regulation in the current dynamic marketplace dominated by rapid economic, political and technological change.

Full-time: September start (12 months), January start (15 months due to dissertation submission requirements). Part-time: September start (24 months), January start (27 months due to dissertation submission requirements).

www.brunel.ac.uk/courses/postgraduate/international-commercial-law-llm

INTERNATIONAL FINANCIAL REGULATION AND CORPORATE LAW LLM
This course is a specialist international programme designed for students seeking to gain a solid foundation in a discipline that continues to grow. This course aims to support students to become practitioners or to continue with further studies and research. It provides students with knowledge and understanding of selected areas of international financial regulation and corporate law, focusing on conceptual and theoretical sources of the substantive laws regulating the fields of study; the relevant procedural mechanisms; and the challenges that attend evolution of principles, rules and procedures.

Full-time: September start (12 months), January start (15 months due to dissertation submission requirements). Part-time: September start (24 months), January start (27 months due to dissertation submission requirements).

www.brunel.ac.uk/courses/postgraduate/international-financial-regulation-and-corporate-law-llm
INTERNATIONAL HUMAN RIGHTS LAW LLM

This programme is designed to enable its graduates to become human rights practitioners, advocates and critical scholars. Students are taught by leading academics with a wide range of expertise in human rights practice, policy, activism and governmental, international and non-governmental organisations. Students will have the opportunity to engage with many of the human rights issues that feature in today’s public debate.

Full-time: September start (12 months), January start (15 months due to dissertation submission requirements). Part-time: September start (24 months), January start (27 months due to dissertation submission requirements).

www.brunel.ac.uk/courses/postgraduate/international-human-rights-law-llm

INTERNATIONAL INTELLECTUAL PROPERTY LAW LLM

This is one of the fastest growing fields of law internationally. Rapid development of new technologies and a complex international legislative framework make it an outstanding career path opportunity, as the undisputed relevance of intellectual property in innovation and access to knowledge makes specialist practitioners increasingly in demand. Intellectual Property Law at Brunel is supported by an internationally recognised research centre, in which students are encouraged to participate.

Full-time: September start (12 months), January start (15 months due to dissertation submission requirements). Part-time: September start (24 months), January start (27 months due to dissertation submission requirements).

www.brunel.ac.uk/courses/postgraduate/international-intellectual-property-law-llm

MASTER OF LAWS (LLM LAW)

This highly-flexible programme enables students to tailor their studies and create a bespoke programme to suit their academic or professional objectives. There is a large and diverse range of modules, most of which reflect aspects of our areas of expertise in Intellectual Property, Human Rights, Financial, Corporate and Commercial Law. With 15 unit modules available, students can choose modules from a specific subject area to gain in-depth knowledge, or choose to study a variety of subjects.

Through studying this course, students will gain a good grounding in the legal concepts and principles operating in the areas of law they choose.

Full-time: September start (12 months), January start (15 months due to dissertation submission requirements). Part-time: September start (24 months), January start (27 months due to dissertation submission requirements).

www.brunel.ac.uk/courses/postgraduate/law-general-llm

YOU MIGHT ALSO LIKE...

Public Affairs and Lobbying MSc................. page 89
Globalisation and Governance MA............ page 86
Anthropology of International Development and Humanitarian Assistance MSc............page 40
Finance and Accounting MSc....................page 58
MATHEMATICS

Mathematics at Brunel is home to a vibrant and talented community of students, researchers and academics. Our courses and research probe deep mathematical problems, including a range of modern applications of crucial importance to society.

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 financial institutions. The objective of the MSc in Financial Mathematics is to guide students through to a mastery of the sophisticated mathematical ideas underlying modern finance theory, along with the associated market structures and conventions, with emphasis on: the modelling of financial assets, both in equity markets and in fixed-income markets; the pricing and hedging of options and other derivatives; and the quantification and management of financial risk.

We offer a programme that provides a balanced mixture of advanced mathematics (probability theory, stochastic calculus, etc), modern finance theory (derivatives, interest rates, foreign exchange, etc), and computational technique (GPU-based high-performance computing).

1 year full-time, 2 years part-time.

www.brunel.ac.uk/crses/postgraduate/financial-mathematics-msc
Mechanical Engineering at Brunel has an excellent track record and an international reputation for research.

Numerous outside organisations collaborate with us including teaching hospitals, governmental laboratories, international universities and a range of companies. Laboratory facilities are extensive, modern and well-equipped, including the dedicated aerospace/aviation laboratory, flight simulator, professionally designed Brunel motorsport workshop, modern material/structure testing laboratory, and state-of-the-art IC engine laboratories.

**ADVANCED MECHANICAL ENGINEERING MSc**

The primary aim of this course is to train graduates with the qualities and transferable skills needed for employment in the engineering sector. Specifically, this programme aims to:

- provide a postgraduate-level education that will enable graduates to proceed to Chartered Engineer status
- develop the versatility to deal with challenges across a range of engineering areas
- develop the imagination and creativity needed for a successful engineering career

1 year full-time.

www.brunel.ac.uk/courses/postgraduate/advanced-mechanical-engineering-msc

This course is accredited by the Institution of Mechanical Engineers.

**AEROSPACE ENGINEERING MSc**

The course is designed to equip graduate engineers with the technical and professional skills required in the highly demanding aerospace industry. Over twelve months, students will study topics such as: aircraft design; aircraft structures; aero-elasticity; aerodynamics; space mechanics; propulsion systems; aircraft safety and security; and flight performance evaluation using the flight simulator. These modules are balanced with practical and challenging individual and group project work, followed by an individual dissertation. In order to fully develop students’ professional potential, the course also teaches strategic management, enterprise, research and innovation.

1 year full-time.

www.brunel.ac.uk/courses/postgraduate/aerospace-engineering-msc

This course is accredited by the Institution of Mechanical Engineers and the Royal Aeronautical Society.
AUTOMOTIVE AND MOTORSPORT ENGINEERING MSc

This MSc equips graduates with the knowledge and skills to work in the multi-disciplinary environment typically encountered in the automotive and motorsport engineering industry. The programme enables students to develop imagination and creativity to follow a successful engineering career and attain senior positions within companies and organisations in the automotive and motorsport sectors. The course combines taught modules, a group project and an individual dissertation and is organised to give students the option to specialise, if they wish, in automotive engineering or motorsport engineering.

1 year full-time, 5 days a week.

www.brunel.ac.uk/courses/postgraduate/automotive-and-motorsport-engineering-msc

This course is accredited by the Institution of Mechanical Engineers.

BIOMEDICAL ENGINEERING:

BIOMEDICAL GENETICS AND TISSUE ENGINEERING MSc

BIOMEDICAL, BIOMECHANICS AND BIOELECTRONICS ENGINEERING MSc

The MSc programmes in Biomedical Engineering address commercial, ethical, legal and regulatory requirements, aided by extensive industrial contacts, as well as giving a solid scientific understanding. Students will develop expertise in advanced product development and research, making the most of our extensive and well-equipped laboratories. Students who successfully complete the course will have acquired skills that are essential to the modern biomedical and healthcare industry, together with the expertise required to enter into management, product innovation, development and research. Students can choose either the Biomedical Genetics and Tissue Engineering stream or Biomedical, Biomechanics and Bioelectronics Engineering stream.

1 year full-time.

www.brunel.ac.uk/courses/postgraduate/biomedical-genetics-and-tissue-engineering-msc

These programmes are seeking accreditation by the Institution of Mechanical Engineers (IMechE).
BUILDING SERVICES ENGINEERING MSc

This programme aims to develop knowledge and skills in a range of engineering disciplines that underlie the design and operation of building services. Students will acquire a sound knowledge of engineering principles and the ability to apply this knowledge to complex situations within the Building Services industry. There are seven core modules covering the technologies and fundamentals of building services engineering, its design and management. The dissertation may be carried out on any approved topic related to the Building Services industry.

1 year full-time, 3-5 years distance learning.

www.brunel.ac.uk/courses/postgraduate/building-services-engineering-msc

This course is accredited by the Institution of Mechanical Engineers and the Chartered Institution of Building Services Engineers. We will be seeking reaccreditation from the Energy Institute for 2015 onwards.

BUILDING SERVICES ENGINEERING WITH SUSTAINABLE ENERGY MSc

The primary aim of this MSc is to develop students’ understanding of the use of sustainable energy in buildings and its environmental impact. Graduates will understand the growing need for building services to assume technologies which reduce the overall carbon footprint. The course consists of seven core modules covering the fundamentals of building services engineering, its main technologies, design and management, and renewable energy application. The dissertation may be carried out on any approved topic related to the integration of sustainable energy with buildings.

1 year full-time, 3-5 years distance learning.

www.brunel.ac.uk/courses/postgraduate/building-services-engineering-with-sustainable-energy-msc

This course is accredited by the Institution of Mechanical Engineers and the Chartered Institution of Building Services Engineers. We will be seeking reaccreditation from the Energy Institute for 2015 onwards.

BUILDING SERVICES ENGINEERING MANAGEMENT MSc

This course is particularly aimed at professional engineers who are carrying increasing management responsibility perhaps in a senior role, or who are aspiring to assume increased management responsibility as part of their future career in the Building Services sector. The course combines four engineering modules (including a choice between Energy Conversion Technologies and Renewable Energy Technologies) and four management modules, which are tailored to issues encountered by engineers in consulting, contracting and estate management. The dissertation provides the opportunity for students to research one of a wide range of topics relevant to their engineering business interests.

3-5 years distance learning.

www.brunel.ac.uk/courses/postgraduate/building-services-engineering-management-msc

This course is currently accredited by the IMechE and the Chartered Institution of Building Services Engineers. We will be seeking reaccreditation from the Energy Institute for 2015 onwards.

RENEWABLE ENERGY ENGINEERING MSc

The aim of this MSc is to give graduates the skills needed for demanding employment and cultivate qualified and skilled professionals with specialist knowledge in the renewable energy sector. The programme comprises eight core modules covering the detailed introduction of renewable energy technologies, related fundamentals, energy management and economic impact. The dissertation may be carried out on any approved topic related to the renewable energy industry.

1 year full-time or 3-5 years distance learning.

www.brunel.ac.uk/courses/postgraduate/renewable-energy-engineering-msc

This course is awaiting the outcome of an accreditation submission to the Institution of Mechanical Engineers.
STRUCTURAL INTEGRITY MSc

This new MSc focuses on the technical knowledge and skills relevant to developing a career in technical and engineering roles where understanding and achieving structural integrity is key. The course aims to create a synergy of relevant knowledge from the fields of materials, structural analysis and non-destructive testing and inspection. Major users include the oil and gas, power generation, petrochemical, nuclear and transportation sectors. The objective is to produce high quality engineers with an in-depth knowledge of the science and technology of structural integrity, materials degradation, asset ageing and inspection. The underpinning theory and principles of these disciplines will be covered in a set of eight taught modules. Application of theory will be consolidated during a research project.

1 year full-time.

www.brunel.ac.uk/courses/postgraduate/structural-integrity-msc

SUSTAINABLE ENERGY: TECHNOLOGIES AND MANAGEMENT MSc

The focus of this MSc is to train graduates who can develop and manage effective, appropriate and sustainable energy implementation actions in an industrial, business or government environment. It will develop the academic knowledge and cross-disciplinary links required for working in energy management, the energy technology industry and research. Modules cover a range of subjects from sustainable energy development to financial energy management, giving students a deep understanding of issues affecting energy engineering in the context of sustainability as well as teaching the practical skills necessary for running projects. Research activities of teaching staff fall within the Centre for Energy and Built Environment Research (CEBER) and directly feed the development of the course. Links to industry, energy institutions and pioneers in energy technology are a key part of the programme, and guest speakers from various professional sectors contribute to the course.

1 year full-time.

www.brunel.ac.uk/courses/postgraduate/sustainable-energy-technologies-and-management-msc

This course is accredited by the IMechE and the Chartered Institution of Building Services Engineers. We will be seeking reaccreditation from the Energy Institute for 2015 onwards.

YOU MIGHT ALSO LIKE...

MRes in Bioengineering ........................................page 42
Project and Infrastructure Management MSc.......................................................... page 50
The Music team at Brunel includes some of the leading figures in European contemporary music, ranging from composers Jennifer Walshe, Christopher Fox, John Croft and Colin Riley to the performer Sarah Nicolls, and from musicologist Nicholas Attfield to improvisation innovator Peter Wiegold and sonic artists Harald Muenz and Carl Faia.

Our Master’s course is career-oriented, focusing on current professional practice, and is based in the Gaskell and Antonin Artaud Buildings, which offer concert and rehearsal spaces and recording studios. Located in the west of London, students have easy access to the capital’s vibrant arts scene.
EXPERIMENTAL MUSIC MA/MMus

This is the first Master’s course in the UK to focus specifically on Experimental Music. It encourages you to foster an advanced creative and critical engagement with issues in contemporary music practice whilst building the skills and knowledge necessary for employment in the music industry as performers, composers, improvisers and/or commentators.

The majority of your contact time with tutors will be through one-to-one tutorials where you will be guided through your work from inception to completion. Through presentations, seminars and critical discussions you are encouraged to develop your communication and problem-solving abilities. Students whose final project is a dissertation will be awarded an MA; students whose final project is practice-based will be awarded an MMus.

1 year full-time 1.5 days per week.
2 years part-time, 0.75 days per week.

www.brunel.ac.uk/courses/postgraduate/experimental-music-mammus

PROFESSOR CHRISTOPHER FOX

Christopher Fox is a composer, teacher and writer of new music; he joined Brunel as a professor in music in April 2006. His work has been performed and broadcast world-wide and has featured in many of the leading new music festivals, from the Amsterdam PROMS to the BBC Promenade Concerts and from St Petersburg to Sidney. He has worked with many of the world’s leading new music ensembles and soloists, establishing particularly close relationships with the experimental music ensemble Apartment House in the UK, the Ives Ensemble in the Netherlands, and the vocal groups The Clerks and EXAUDI. Fox’s music is widely available on CD, with six portrait CDs on the Metier label, a portrait CD on the NMC label, and other recordings on Artifact, BVHaast, FMR, HatHut, Metier and NMC. He has been hailed by The Wire as “a tantalising figure in British Music” and the Sunday Times has described his music as “impressive, thoughtful, entertaining and extremely varied”.

Find out more about postgraduate courses and study at Brunel

www.brunel.ac.uk/courses/pg
OCCUPATIONAL THERAPY

Occupational Therapy courses at Brunel are designed and taught by expert staff who are nationally and internationally recognised. They use their research and clinical expertise to ensure that the courses provided are evidence-based and linked to current practice. Students benefit from a large, well qualified staff group, studying with students from a wide variety of backgrounds and state-of-the-art facilities.

OCCUPATIONAL THERAPY (PRE-REGISTRATION) MSc

This MSc aims to provide a Master’s level route for graduates to become competent occupational therapists, eligible to apply for registration with the Health and Care Professions Council, and membership of the British Association of Occupational Therapists/College of Occupational Therapists. Graduates are equipped for lifelong safe and effective practice within the global marketplace. The course differs from other Master’s programmes in that it is a professional programme at postgraduate level and is full-time. It is not intended for those who are already qualified Occupational Therapists.

2 years full-time (90 weeks), 4-5 days per week in Year 1; 2-3 days per week in Year 2.
Currently 4 placements take place during this 2 year period – attendance full-time.

www.brunel.ac.uk/courses/postgraduate/occupational-therapy-pre-registration-msc

OCCUPATIONAL THERAPY MSc

This course is aimed at Occupational Therapists who wish to continue their professional development, gain the skills to evaluate their interventions, build professional confidence and seek out (as well as develop) existing theories to inform evidence-based practice. Brunel has one of the largest and most highly qualified occupational therapy staff groups in the world, and they will help students to gain greater mastery in their chosen area of occupational therapy. The programme has been praised by university validating committees as a model Master’s degree for professional practitioners, as it brings theory to the workplace.

1 year full-time, 2 days per week. 3 years part-time, 1 day per week in Years 1 and 2; Year 3 is devoted to the dissertation.

www.brunel.ac.uk/courses/postgraduate/occupational-therapy-msc
PHYSIOTHERAPY

The majority of the Physiotherapy team at Brunel are Registered Physiotherapists and many continue to practice in the clinical environment as well as lecturing at Brunel, ensuring that the teaching of clinical skills is in line with current practice and underpinned by the most recent evidence. The team is involved in a wide variety of research and the development of a number of national clinical guidelines. The division benefits from excellent teaching and research facilities.

NEUROREHABILITATION MSc

This advanced academic course is designed for new graduates as well as professional practitioners (for example in occupational therapy, physiotherapy, and other rehabilitation sciences, and professions allied to medicine) who have a special interest in neurorehabilitation. The course will not further clinical skills nor will it lead to registration from the UK professional governing bodies, but rather it focuses on developing the practitioner’s ability to conduct and evaluate neurorehabilitation research. It offers the opportunity to acquire advanced theoretical knowledge, a deeper understanding of research and the ability to critically appraise scientific literature.

1 year full-time, 2 days per week. 3 years part-time, 1 day per week in Years 1 and 2; Year 3 is devoted to the dissertation.

www.brunel.ac.uk/courses/postgraduate/neurorehabilitation-msc

PHYSIOTHERAPY (PRE-REGISTRATION) MSc

This MSc provides a route for graduates to become competent physiotherapists, eligible to apply for registration with the Health Professions Council. The programme aims to prepare students for professional autonomy and excellence in clinical practice. It provides a strong scientific foundation and encourages the development of excellent practical and clinical reasoning skills – essential for the safe and effective treatment of patients. The programme provides the opportunity to critically evaluate the effectiveness of treatments – a skill which is vital to continuing evidence-based practice. A sound working knowledge of research methodology provides the tools necessary for the completion of a research dissertation. The course differs from other Master’s programmes in that it is a professional programme at postgraduate level, and is full-time. It is not intended for those who are already qualified physiotherapists.

2 years full-time, 5 days per week in Year 1; blocks of 5 days per week in year 2. 5 placements of 6 weeks full-time in Year 2.

www.brunel.ac.uk/courses/postgraduate/physiotherapy-msc-pre-registration-programme

Member of the Health Professions Council.

YOU MIGHT ALSO LIKE...

Medical Anthropology MSc......................... page 41
Politics and History is a well-established, leading department, which regularly scores highly for research and teaching excellence. We are a large department offering a wide range of expertise. We offer unique postgraduate programmes taught by world renowned experts in politics, international relations, public policy, political theory and world history.

GLOBALISATION AND GOVERNANCE MA

The term ‘globalisation’ embraces a range of deeply transformative political, economic and social processes. Understanding these as well as the meaning, significance and implications of globalisation presents major theoretical and practical challenges for those working or intending to work in the realms of government, business, civil society or academia. This MA equips students to understand globalisation and to think in an informed manner about questions of its ‘governance’: that is, how globalisation might be steered or developed in a politically and ethically satisfactory manner. Students graduating from this programme will have knowledge and understanding not only of the key debates and perspectives upon globalisation, governance and international relations, but also of the different sectors of the emerging global political system: namely the state and other public authorities, business and institutions of global capital, and civil society and international non-governmental organisations.

1 year full-time, 4 days per week depending on chosen modules. 2-2.5 years part-time, up to 2 days per week.

www.brunel.ac.uk/courses/postgraduate/globalisation-and-governance-ma

SPECIAL FEATURES

- You will have the opportunity to network with government, industry and international organisations
- We launched Britain’s first multi-disciplinary research centre on intelligence and security studies
INTELLIGENCE AND SECURITY STUDIES MA

Intelligence and security policy issues are now one of the fastest growing areas of academic and public concern, especially since 9/11 and the wars in Iraq and Afghanistan. More than ever before, governments, international agencies and major international corporations have an identified need for staff with a strong grasp of intelligence and security issues, who can also demonstrate first-rate skills of research and assessment.

Taught by internationally respected scholars from the Brunel Centre for Intelligence and Security Studies (BCISS), backed up where required by practitioner expertise, the MA offers a unique opportunity for practical, policy-oriented study of intelligence issues applicable across the private and public sectors around the world.

1 year full-time, 2 days per week. 2-2.5 years part-time, 1 day per week.

This course is also available via Distance Learning.

INTERNATIONAL RELATIONS MA

The ability to analyse the complex issues presented by international relations is increasingly important for understanding the forces and events that shape our lives and in a wide range of careers. As an academic subject, this field has expanded beyond its original concern with relations between states and the study of war and international organisation, to cover topics such as globalisation, security, international theory, human rights, and the politics of specific geographical regions. This MA develops knowledge and provides the opportunity to study topics across its key sub-fields.

1 year full-time, 4 days per week depending on chosen modules. 2-2.5 years part-time, up to 2 days per week.

www.brunel.ac.uk/courses/postgraduate/international-relations-ma
MILITARY HISTORY MA

This course offers an in-depth study of warfare across a range of periods and continents. Core modules will look at the Royal Navy in the twentieth century, warfare in ancient and medieval times and the impact of the French and Industrial Revolutions on warfare in the age of ‘total war’. Optional modules will include the chance to study the Second World War and/or warfare in modern Africa. The programme also draws on Brunel’s expertise in intelligence studies, offering students the chance to take optional modules in this area.

1 year full-time, 2 years part-time.

www.brunel.ac.uk/courses/postgraduate/military-history-ma

MODERN WORLD HISTORY MA

This MA is the only one of its kind in the UK to be endorsed and promoted by the internationally recognised World History Association. It examines the transnational influences, connections and conflicts that intersect in world history, and seeks to foster a holistic approach to historical problems that have had cross-cultural effects on people in many parts of the globe. This means that world history is discussed alongside the combined elements of political, economic, social, cultural, demographic and intellectual history, and these historical underpinnings of world history will be presented in an interdisciplinary manner. Among the historians at Brunel are experts on the history of the US, the Caribbean, Australia, Russia and the UK.

1 year full-time, 4 days per week depending on chosen modules.

2-2.5 years part-time, up to 2 days per week.

www.brunel.ac.uk/courses/postgraduate/modern-world-history-ma

This course is endorsed and promoted by the World History Association.
PUBLIC AFFAIRS AND LOBBYING MSc

Public affairs, lobbying and political consultancy are attractive areas for many graduates. Careers in this field are either in dedicated departments within large companies and charities or, more commonly, within specialist consultancy firms. This MSc will provide both academic and practical training to assist students in pursuing a career in these exciting professions. Designed in conjunction with leading Public Affairs companies, the programme includes an integrated internship with a Public Affairs consultancy in either London or Brussels. The course offers a unique combination of advanced academic knowledge and practical experience, which will provide graduates with the opportunity to develop a career in public affairs.

1 year full-time (plus 3 month internship), 3-4 days per week.

2-2.5 years part-time (for applicants in the public affairs industry or with relevant experience), up to 3 days per week.

www.brunel.ac.uk/courses/postgraduate/public-affairs-and-lobbying-msc

YOU MIGHT ALSO LIKE...

International Human Rights Law LLM ........page 76

Anthropology of International Development and Humanitarian Assistance MSc........... page 40

SAM

MODERN WORLD HISTORY MA

"After completing my undergraduate degree in History I stayed on at Brunel to complete my postgraduate studies. Having had such a fantastic experience as an undergraduate, it was an easy decision. There were also plenty of opportunities to get involved in extracurricular activities outside the classroom. In my second year I was elected President of the History Society. The society organised trips abroad, trips to cultural attractions in London, social events and much more, all of which complemented what you studied, and contributed to the collegiality of the Department. It provided the opportunity for academic staff and students to socialise and engage with one another.

Furthermore there are plenty of opportunities to work part-time to help fund your studies. Recently I have worked as a Research Assistant here at Brunel University and also at Birkbeck College (University of London). I would recommend Brunel University to anyone looking for both academic excellence and a vibrant campus experience."
PSYCHOLOGY

Psychology at Brunel has an international reputation for research excellence, covering a range of topics and methodological approaches using multiple complementary levels of analysis. Our innovative postgraduate programmes taught by leading researchers cover a range of specialist areas including cognitive neuroscience, cross-cultural psychology, evolutionary psychology, health and behaviour and psychoanalysis.

CROSS-CULTURAL PSYCHOLOGY MSc

This course provides an understanding of how basic psychological processes may vary across cultures, and gives students the skills necessary to conduct their own research with different ethnic groups. It is aimed at those who intend to pursue psychological work in different cultural settings, whether within the UK or overseas. The course is taught by renowned international experts on culture and ethnicity, complemented by visiting speakers from around the world.

1 year full-time, 2 days per week.
2-2.5 years part-time, 1-2 days per week.

www.brunel.ac.uk/courses/postgraduate/cross-cultural-psychology-msc

EVOLUTIONARY PSYCHOLOGY MSc

This MSc provides an opportunity for advanced study in Evolutionary Psychology, i.e. psychological science informed by the fact that the human mind, like the human body, is a product of evolutionary processes. This course is suited to students in the life sciences or social sciences who are interested in finding out how principles from evolutionary biology can provide a framework for the scientific study of human psychology and behaviour.

1 year full-time, 2 days per week. 2-2.5 years part-time, 1 day per week.

www.brunel.ac.uk/courses/postgraduate/evolutionary-psychology-msc

FUNCTIONAL NEUROIMAGING MSc

Recent years have seen rapid development of functional imaging technology, with increasing availability worldwide of high resolution scanners for research and clinical applications. Functional brain imaging requires an understanding of current concepts in cognitive neuroscience and psychology, as well as a basic appreciation of neuroimaging techniques and the mathematical and statistical foundations for data analysis. This programme, the first of its kind in the UK, provides a strong theoretical and practical introduction to the world of neuroimaging research. It is good preparation for a PhD, or for working as part of a neuroimaging team with fMRI or other imaging modalities.

1 year full-time, 2 days per week. 2-2.5 years part-time, 1 day per week.

www.brunel.ac.uk/courses/postgraduate/functional-neuroimaging-msc
PSYCHOANALYSIS AND CONTEMPORARY SOCIETY MA

This MA provides training in classical and contemporary psychoanalytic theory. It maintains constant attention to the relation between theory and practice and provides a clinical grounding through its emphasis on the clinical writings of Freud, Klein and Lacan. It offers the chance to develop a psychoanalytic approach to contemporary socio-cultural issues, in particular questions of political ideology, social conflict and violence. Students can explore the relationship between the psychoanalytic and social fields. The course asks how we can provide a specifically psychoanalytic account of social relations and engages with issues raised by post-structuralist and feminist accounts of sexuality.

1 year full-time, 2 days per week.
2-2.5 years part-time, 1 day per week.

www.brunel.ac.uk/courses/postgraduate/psychoanalysis-and-contemporary-society-ma

PSYCHOLOGY, HEALTH AND BEHAVIOUR MSc

This MSc is aimed at people working in the health sector who wish to further their understanding of psychological aspects of health and illness, health professionals, international students and psychology graduates who wish to gain skills to help obtain a place on a Clinical Psychology Doctorate or further study at PhD level and graduates in related disciplines such as sociology and anthropology. The MSc teaches an understanding of the psychological aspects of health, illness beliefs and behaviours, and provides knowledge and skills for health research.

1 year full-time, 2 days per week.
2-2.5 years part-time, 1-2 days per week.

www.brunel.ac.uk/courses/postgraduate/psychology-health-and-behaviour-msc

PSYCHOLOGICAL SCIENCES MSc (APPROVED IN PRINCIPLE)

This course is approved in principle. This course (under review for BPS accreditation) will appeal to students whose first degrees did not come from BPS-accredited Psychology undergraduate programmes eg students from natural or social sciences who wish to change their career direction. Typical modules may include: Conceptual and Historical Issues in Psychology; Statistics and Research Methods; Biological Psychology; Cognitive Psychology; Developmental Psychology; Individual Differences; and Social Psychology. Graduates will have a critical understanding of key issues in core areas of psychology, together with proficiency in analytical skills that will enable them to pursue various psychology-related careers.

1 year full-time, 2-3 days per week.
2–2.5 years part-time, 1-2 days per week.

www.brunel.ac.uk/courses/postgraduate/psychological-sciences-msc

YOU MIGHT ALSO LIKE...

Psychological and Psychiatric Anthropology MSc .......... page 41
Public Health and Health Promotion MSc ....................... page 71
Medical Anthropology MSc ......................... page 41
Sport and Exercise Psychology MSc (BPS accredited) ....................... page 96
The Social Work division at Brunel, which incorporates Human Geography and Youth and Community Work, is one of the largest and most vibrant in London and recruits about 130 students each year. We have an excellent academic record and reputation, and are currently ranked number one Social Work division in London (Guardian, 2013). Through programme partnership, the division maintains close links with social service and voluntary organisations and our enthusiastic staff group represents a wide range of practice and academic experience.
CHILDREN, YOUTH AND INTERNATIONAL DEVELOPMENT MA

This programme caters for those working, or interested in working, in the field of children, youth and international development. The course equips students with the conceptual understanding and breadth of empirical knowledge required to critically evaluate policy and practice. It also provides the skills necessary to design and undertake research in this area. The programme includes core modules on international development as it affects children and youth, young lives in the global South, young people’s rights and participation, and research methods. Students may also take options from youth work, anthropology or a placement module.

1 year full-time, minimum 2 days per week.

www.brunel.ac.uk/courses/postgraduate/children-youth-international-development-ma

SOCIAL WORK MA

This social work training programme aims 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-discriminatory practice. Graduates who successfully complete this programme are eligible to apply for Health and Care Professions Council (HCPC) registration.

The professional and academic elements are closely integrated throughout the programme. There are 170 placement days, with the working week divided between time in placement and time in the University.

2 years full-time.

www.brunel.ac.uk/courses/postgraduate/social-work-ma

Accredited by Health and Care Professions Council.

SOCIAL WORK (PGCert) POST-QUALIFYING FRAMEWORK

The aim of this programme is to develop confident, well-rounded practitioners working in inter-professional and inter-agency contexts. Students will demonstrate competence in a range of key areas including: direct work with service users, families and carers; self-management and use of supervision; mentoring and practice education.

As practitioners you will also develop a range of in-depth knowledge and skills associated with a particular area of specialist social work practice.

Minimum 18 months.

www.brunel.ac.uk/courses/postgraduate/social-work-pgcert-post-qualifying-framework

YOU MIGHT ALSO LIKE...

Anthropology of Childhood, Youth and Education MSc .................., page 40
Sociology and Communication studies brings together experts who understand social, economic and political forces with specialists in communication. We offer courses in topics such as globalization, new media, cultural industries, popular music, mediated comedy, the city, multiculturalism, health and illness, crime and deviance, work and social movements. Our innovative postgraduate programmes contribute to our international reputation as a centre for teaching and research excellence. Our MSc programmes attract students from all over the world who are welcomed into our stimulating and friendly Department.

SPECIAL FEATURES

- Our academics have received research funding from a variety of bodies including the EU, the Economic and Social Research Council, the Arts and Humanities Research Council, the Medical Research Council and the Department of Health
- We have an international research reputation with particular expertise in media and communications, the sociology of health and illness and popular culture
MEDIA AND COMMUNICATIONS MSc
This course offers students an interdisciplinary approach to the study of new media and communications practices. It focuses on a critical understanding of the rapid changes in media and communications, and their social and cultural consequences within an international context. Students have the opportunity to meet professionals working in the broadcasting, advertising and marketing industries and to take part in field trips, for example to the BBC Television Centre. We also provide additional support with career counselling and personal development workshops.

The course combines theoretical and empirical study of the media, including issues of media audiences together with the study of developments in information and communication technologies. Assessments include essays, reports, blogs and wikis. Students typically go on to do academic research or pursue careers within the media industries, for example as a Communications Officer or Head of Information.

1 year full-time, 2 days per week.

SOCIAL AND CULTURAL RESEARCH MSc
The aim of this degree is to provide a strong theoretical and practical introduction to the world of sociological, social and cultural research. Students will be exposed to a range of general academic research skills and expertise expected of the professional researcher in the social sciences.

The degree is a valuable preparation and qualification for a career in social research. It is also an excellent primer for those candidates planning to undertake a PhD in Sociology, Cultural Studies and cognate disciplines.

1 year full-time, 2 days per week.
2-2.5 years part-time, 1-2 days per week.

YOU MIGHT ALSO LIKE...
Media and Public Relations MA .................. page 68
Ageing Studies PGCert/PGDiploma/MSc, page 70
Public Health and Health Promotion MSc ..page 71
Our staff have international reputations for their research and consultancy. Many are experienced practitioners, either sport and exercise scientists accredited by the British Association of Sport and Exercise Sciences (BASES) or sport and exercise psychologists accredited by the British Psychological Society (BPS) and Health and Care Professions Council (HCPC). As well as state-of-the-art sports and laboratory facilities, students benefit from excellent teaching and supervision by staff who are publishing high impact research.

SPORT AND EXERCISE PSYCHOLOGY MSc (BPS ACCREDITED)

This MSc is aimed at students who have completed a British Psychological Society (BPS) accredited undergraduate degree in psychology, who wish to specialise in sport and exercise psychology either as researchers or practitioners. The course provides a programme of study that is consistent with the BPS accreditation criteria and which prepares students for Stage 2 of training to become a sport and exercise psychologist.

Full-time or part-time, normally Tuesday and Thursday.

www.brunel.ac.uk/courses/postgraduate/sport-and-exercise-psychology-msc

Accredited by the BPS.

SPORT, HEALTH AND EXERCISE SCIENCES MSc

This MSc offers the choice of two specialist pathways or a broad-based course combining modules from the two pathways:

- **Human Performance** focuses on the physiological and biomechanical elements of the human performer, providing a grounding in the lab techniques used by physiologists and biomechanics. It serves as ideal preparation for those wishing to pursue accreditation as a Sport Scientist through the British Association of Sport and Exercise Sciences (BASES)

- **Sport Psychology** runs in parallel with our BPS-accredited course and focuses on the application of psychology in the sport and exercise domain. The course is aimed at students with a background in Sport Sciences who wish to specialise in Sport and Exercise Psychology, potentially pursuing a career in research or as a sport scientist accredited by the British Association of Sport and Exercise Sciences (BASES)

One year full-time, 2 days per week.
2.5 years part-time, 1-2 days per week.

www.brunel.ac.uk/courses/postgraduate/sport-sciences-msc

NICOLA HOBBS

SPORT AND EXERCISE PSYCHOLOGY MSc

“I chose Brunel because of the expertise of staff. The course has given me a brilliant grounding and has opened my eyes to how I can integrate my own passions with academic research. The sporting opportunities at Brunel were another reason I chose to study here. In order to understand the pressures faced by the athletes I will be working with, and to challenge myself, I joined Brunel’s Olympic Weightlifting club. Thanks to amazing coaching and great training facilities, I have become English Champion. For my research project I wanted to combine my love of sport with my job as a Yoga Teacher and volunteer work in mental health, so I researched the role of sport and exercise in post-traumatic growth and overcoming adversity. I hope to develop holistic mind-body healing programmes, incorporating psychology with sport and yoga.”
THEATRE

All our members of staff are internationally active as artists and/or theorists, and some are world-renowned pioneers in their field. The Antonin Artaud complex houses a fully equipped main theatre and studio theatre as well as a suite of rehearsal and recording studios.

There is also a workshop/electronics lab where students can build their own performance artefacts with expert support from our team of professional theatre technicians. In addition to a wide range of professional lighting, sound and projection equipment, the programme features a set of unique plug-and-play sensor toolkits developed by Dani Ploeger. These user-friendly toolkits enable students to experiment with a wide range of interactive performance setups, regardless of their level of technical experience.

Located in the west of London, students have easy access to the vast range of performance activity in the city. London also features numerous venues where students find opportunities to show their own work.

CONTEMPORARY PERFORMANCE MAKING MA

This MA allows students the space to nurture their creativity through the practical and critical exploration of contemporary performance. It aims to provide a bridge between academia and the professional world, giving students the opportunity to network and engage in a variety of supervised and self-managed projects. It offers specialisation in directing, solo performance, digital performance and performance writing and the opportunity for professional work placements. Staff members and guest artists have national and international reputations in contemporary performance. Students benefit from opportunities to showcase their pieces in a professional atmosphere, helping to launch their entry into the professional arena.

1 year full-time, 2-3 days per week.
2 years part-time, 1-3 days per week.

www.brunel.ac.uk/courses/postgraduate/contemporary-performance-making-ma

YOU MIGHT ALSO LIKE...

Creative Writing MA........................................ page 54