

Faculty of Engineering

MSc Engineering with Management
Infrastructure Systems

Postgraduate study



**One of the specialist pathways you can study
within the MSc Engineering with Management**

The future of infrastructure systems, and the related asset management lifecycle, is critical to the wellbeing of people, our planet and international economics. Alongside an ageing infrastructure that needs maintenance and upgrades for current needs, we need to plan and manage for sustainable and effective future development. The University of Bristol is a leading institution in infrastructure research including our founder partnership status in the major 'UK Collaboratorium for Research on Infrastructure and Cities' (UKCRIC) programme.

Studying at Bristol will enable you to plan and implement the future of international infrastructure. You will learn from international experts, teachers and researchers in infrastructure, including senior industry practitioners whose case studies and expertise gives a real-world, employers' perspective from both the private and public sectors.

What will you study?

You'll study a number of joint core units to enhance your leadership skills plus specialist technical units to suit your aspirations.

Joint core units:

- Strategic Business Management for Engineers
- Engineering Design and Technology
- Uncertainty and Risk Management
- Interdisciplinary Research Skills

Pathway specialist units:

- Smart Cities
- Disaster Resilience and Sustainable Development
- Infrastructure Systems Management

The dissertation is a core unit where you will work on a project in the field of engineering management relevant to your pathway.

Career prospects

Challenges in infrastructure development and management are already immense and becoming greater as the global population increases. There is growing market demand for future leaders in this complex and critical area.

Through differentiating your learning and newly acquired knowledge, a management career within critical infrastructure areas such as key utilities, roads, bridges, rail, ports, airports and sustainable infrastructure will be open to you as a graduate of the MSc in Engineering with Management

Related pathways

The Engineering with Management Programme offers the following alternative pathways:

- Intelligent Manufacturing
- Energy for Sustainability

Find out more

For the most recent information on how to apply, fees and entry criteria, visit:
bristol.ac.uk/msc-engineering-management

Contact us

If you have any questions relating to the programme or the application process, please contact our Enquiries Team:

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If you need all or part of this publication in an alternative format, please email
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We have made every effort to ensure all details are correct at the time of going to press (November 2021). However, since this information is subject to change, you are advised to check the University's website, **bristol.ac.uk/pg-study**, for the latest updates.