

Faculty of Engineering

MSc Engineering with Management

Energy for Sustainability

Postgraduate study



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

Energy for Sustainability will present the current unsustainable world energy use and the urgent need to move to a sustainable energy future. It will equip you with an understanding of the technologies and policy needed to provide a reliable and low-cost energy supply for a growing global population.

You will gain a breadth of knowledge across all the main low carbon energy technologies and how they can be effectively integrated in modern day energy systems. During the Masters you will also gain specialist knowledge of designing wind and solar energy devices, applying this to real-world case studies using state-of-the-art commercial software.

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:

- Sustainable Energy Technologies, Economics and Impacts
- Engineering Design for Wind and Marine Power
- Solar Power and Microgrid Systems
- Energy for Transport and Propulsion

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

The course content is designed and delivered in partnership with industry and as a result, graduates from the pathway will have excellent career prospects. Potential job roles range from energy consultancy to research and development positions linked to future renewable energy technologies.

Related pathways

The Engineering with Management Programme offers the following alternative pathways:

- Intelligent Manufacturing
- Infrastructure Systems

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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You may also contact the Programme Director Dr Hadi Abulrub:

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If you need all or part of this publication in an alternative format, please email choosebristol-pg@bristol.ac.uk

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.