MSc Tunnelling and Underground Space

Do you want to gain specialist engineering knowledge, setting you apart from other civil engineers? In a rapidly expanding global industry where suitably trained engineers are in high demand, your career opportunities would be boundless.

You will learn from internationally recognised academics and industry experts on a course uniquely developed in partnership with the British Tunnelling Society. We will give you state-of-the-art knowledge, understanding and skills to design and build the underground infrastructure of the future.

This MSc degree can be undertaken one year full-time or two years part-time.

Our MSc modules can also be purchased individually as a Continuing Professional Development (CPD) course, ideal for those in full time employment.

This degree is accredited as meeting the requirements for Further Learning for Chartered Engineer (CEng) status, if you have already acquired an accredited CEng (Partial) BEng (Hons) or an accredited IEng (Full) BEng/BSc (Hons) undergraduate first degree.

Our distinctive course format means that approximately 20% of teaching is delivered by guest lecturers from industry, ensuring that the content remains relevant. Specialist subjects and case studies are also presented by experts with first-hand experience.

Modules

- Communication and Leadership
- Construction Management
- Finite Elements for Tunnelling
- Geological Investigation and Ground Characterisation
- Health, Safety and Environmental Considerations
- Project
- Rock Mechanics
- Tunnel Design
- Underground Construction Methods

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Accrediting institution
Endorsed by

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