MSc Tunnelling and Underground Space
POSTGRADUATE STUDY
2015/2016
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. At what is fast becoming the UK’s centre of excellence for tunnelling, we will give you state-of-the-art knowledge, understanding and skills to design and build the underground infrastructure of the future.

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.

Course overview

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.

This MSc degree can be undertaken one year full-time or two years part-time. We also offer short courses for Continuing Professional Development (CPD).

www.warwick.ac.uk/tunnelling
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.

- 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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Find out about the latest scholarships and bursary options at warwick.ac.uk/tunnelling
## Short courses

Our MSc modules can also be purchased as individual CPD courses.

<table>
<thead>
<tr>
<th>Date</th>
<th>Course title</th>
<th>Fees</th>
</tr>
</thead>
<tbody>
<tr>
<td>26 Oct – 30 Oct 2015</td>
<td>Underground Construction Methods Part 1</td>
<td>£2,000</td>
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<tr>
<td>30 Nov – 04 Dec 2015</td>
<td>Underground Construction Methods Part 2</td>
<td>£1,000</td>
</tr>
<tr>
<td>16 Nov – 20 Nov 2015</td>
<td>Geological Investigation and Ground Characterisation</td>
<td>£1,000</td>
</tr>
<tr>
<td>07 Dec – 11 Dec 2015</td>
<td>Communication and Leadership</td>
<td>£1,000</td>
</tr>
<tr>
<td>15 Feb – 19 Feb 2016</td>
<td>Health, Safety and Environmental Considerations</td>
<td>£1,000</td>
</tr>
<tr>
<td>29 Feb – 04 Mar 2016</td>
<td>Tunnel Design</td>
<td>£1,000</td>
</tr>
<tr>
<td>21 Mar – 25 Mar 2016</td>
<td>Finite Element Methods for Tunnelling</td>
<td>£1,000</td>
</tr>
<tr>
<td>28 Mar – 01 Apr 2016</td>
<td>Construction Management</td>
<td>£1,000</td>
</tr>
<tr>
<td>18 Apr – 22 Apr 2016</td>
<td>Rock Mechanics</td>
<td>£1,000</td>
</tr>
</tbody>
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Attendees may elect to sit the examination and coursework. Examinations are held in January or May.

*Please note: costs do not include residential accommodation or food. Accommodation is available locally and may be available on campus. Further details are available on request.*

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**School of Engineering**

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eng-pgadmissions@warwick.ac.uk  
warwick.ac.uk/tunnelling

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We make every effort to ensure that these course details are accurate, but accept no liability for errors or later changes. Course and module content is continually reviewed and updated to reflect the latest research expertise at Warwick and is therefore subject to change.

See our website for the latest information warwick.ac.uk/tunnelling

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**Athena SWAN Bronze Award**

Recognising commitment to advancing women’s careers in STEMM (Science, Technology, Engineering, Mathematics and Medicine) academia.

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