



**Trinity College Dublin**  
Coláiste na Tríonóide, Baile Átha Cliath  
The University of Dublin



**جامعة أبوظبي**  
**Abu Dhabi University**



*Abu Dhabi University  
and Trinity College Dublin,  
the University of Dublin*

## **International Pathway Programme - MSc Engineering**

Environmental Engineering  
Sustainable Energy  
Structural & Geotechnical Engineering  
Transport Engineering, Policy & Planning

**4 Years at Abu Dhabi University (ADU) + 1 Year at Trinity**  
**Graduate with a Masters Degree from Ireland's Leading University**



4+1

# MSc Engineering

## Specialisations in

- Environmental Engineering
- Sustainable Energy
- Structural & Geotechnical Engineering
- Transport Engineering, Policy & Planning



The International Pathway Programme in Engineering between Trinity and the Abu Dhabi University (ADU) offers students an international educational experience. The two institutions have developed a **4+1 pathway transfer programme** which gives students on the undergraduate engineering programmes at Abu Dhabi University the opportunity to study and graduate from Trinity College Dublin

Trinity is ranked in the top **100** engineering schools in the world

### Why Study Engineering at Trinity?

The School of Engineering is a vibrant, intellectual community of innovative researchers, teachers and students, which combines high-quality teaching with expansive research activity. Today the School of Engineering at Trinity is ranked in the top 100 engineering schools in the world and offers outstanding teaching by engineers who are at the forefront of their field worldwide.

We strive to educate global citizens who will have a real impact on society and who will enhance engineering throughout the world, by sharing their innovative ideas.

As Ireland's oldest and highest-ranking university, Trinity strives to educate global citizens who will shape the world's future.

### International Dimension

Each year, the School of Engineering welcomes growing numbers of visiting and full-time students from around the world who enrich our shared multicultural learning environment. We have international students from all over Europe, North and South America, Australia, Asia and Africa.



We strive to educate **global citizens**



# 4+1

## International Pathway Programme – MSc Engineering

### Internationally Recognised

This level 9 programme is accredited by Engineers Ireland. Engineers Ireland is a member of the International Engineering Alliance and a signatory to the Washington Accord, Sydney Accord and Dublin Accord and thus internationally recognised by signature countries, including China (CAST), India (NBA), UK and the USA (ABET).

### About the programme

Graduates have both a broad understanding of the whole discipline and a detailed knowledge of their chosen specialist area. The aim is that graduates will be able to continuously train themselves, to adapt and move into related or newly emerging areas as their careers develop after graduation.

This is a one year full-time postgraduate programme designed to provide graduate engineers with specialist understanding in one of the following areas:

**Structural and Geotechnical Engineering;**  
**Environmental Engineering;**  
**Transportation Engineering;**  
**Sustainable Energy Engineering.**

These programmes reflect our academic expertise and link closely with our research challenges. Our MSc programmes offers graduates an opportunity to advance your knowledge and expertise in one of specialist areas of Engineering.

The reputation of the MSc in Engineering programme is evidenced by the quality of students we attract both nationally and internationally, and from industry and is highly regarded by the industry.

For further information please visit:  
<https://www.tcd.ie/civileng/programmes/postgraduate/msc/>



As knowledge grows,  
we understand better the effects,  
both positive and negative, that  
our way of living has on the world  
around us

### The Programme Structure

The MSc in Engineering programme is designed around the concept of the T-Shaped learning, which provides a depth of specialist knowledge and skills and a breadth of complementary skills. This approach enhances not only the students' employability skills, but also self-development skills. The degree programme is divided into three parts: two semesters of taught courses (September – April inclusive) with an average of 18 lectures per week and a major dissertation (April – September inclusive).

Candidates must take twelve modules, namely the four mandatory modules together with at least four of their chosen specialisation and four other modules, which in total amounts to 90 ECTS.

### Entry requirements:

Students who are enrolled in ADU's ABET-accredited BSc Civil Engineering programme are eligible to apply for the programme. The entry criteria are an upper second honours degree (or equivalent) in a Civil Engineering or related degree. Relevant Industrial Experience may be taken into account in allocating places, where the course is oversubscribed.

All applicants whose first language is not English and who have not been educated through the medium of English must present proof of English language proficiency.

Find more details on our website:

<https://www.tcd.ie/study/apply/admission-requirements/postgraduate/index.php>

### Application process:

Applications must be submitted through TCD's my.tcd.ie portal by 30 June.

As part of the online application, applicants will also need to submit original or certified copies of:

- An official academic transcript for all semesters completed to date
- Degree award if applicable
- Proof of English language proficiency
- Two letters of recommendation
- Passport
- CV

### Fees and Scholarships

All students are liable for fees. Fees are subject to change and current fees for the programme can be viewed here:  
[www.tcd.ie/academicregistry/fees-and-payments](http://www.tcd.ie/academicregistry/fees-and-payments)

### Who should I contact when I receive scholarship requests?

Scholarships are available, please contact [internationaleng@tcd.ie](mailto:internationaleng@tcd.ie) for further details.

## Come Visit Us At Trinity!

The best way to explore Trinity's unique lively, traditional, urban experience is to pay us a visit. To sign up for a tour, please visit:

[www.tcd.ie/study/international/visit](http://www.tcd.ie/study/international/visit)

## Contact Details

If you have any questions about studying at Trinity, please get in touch with us!

Please contact us at [international@tcd.ie](mailto:international@tcd.ie)

If you have further questions about the application process you can contact the Applications and Admissions Team in Trinity's Academic Registry

### Academic Registry,

Watts Building,  
Trinity College Dublin,  
Dublin 2,  
Ireland  
Phone: +353 (0) 1 896 4500

[academic.registry@tcd.ie](mailto:academic.registry@tcd.ie)

## Global Relations Office

For more information on studying at Trinity, visit our website:

[www.tcd.ie/study](http://www.tcd.ie/study)

[www.tcd.ie/Engineering/](http://www.tcd.ie/Engineering/)



/tcdglobalrelations



@tcdglobal



tcdglobal



tcdglobal.wordpress.com