



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



# MSc in Transport Engineering, Policy & Planning

Full Time (One Year) | Part Time (Two Years)

The MSc in Transport Engineering, Policy and Planning provides education and training to the next generation of transport professionals.

The course aims to equip students with the skills to address the numerous challenges in the transport field. The course examines areas of transport policy, planning, design, modelling and analysis. The course also incorporates modules addressing issues such as climate change, sustainability, and renewable energy.

Students take lectures from experts in a variety of transport subjects and carry out cutting edge research on topics of societal importance. The areas of Transport Engineering covered during the course include:

- Transportation policy analysis
- Transportation modelling
- Traffic analysis (with VISSIM)
- Transportation planning
- Micro and Macro simulation of transport networks
- Transportation design
- Public transport system design
- Transport Economics (with TUBA)
- Sustainable transport design – walking & cycling
- Transport emissions modelling (with COPERT)
- Intelligent Transport Systems

Trinity College Dublin, the University of Dublin is ranked in the **highest ranked University** in Ireland, **5<sup>th</sup> in the world** for Sustainable Cities and Communities and the only Irish University ranked in the **Shanghai Subject** index for Transport Science.

The degree programme is divided into three parts: two semesters of taught courses with an average of 12 lectures per week. **A major dissertation** is undertaken during the second half of the course

The course was nominated as the **Best New Course** by Postgrad Ireland in 2013, **Best Engineering Course** in 2015 and **Education Award**, Irish Logistics & Transport awards in 2017

For more information, please see:  
<http://www.tcd.ie/civileng/msc-in-transport-engineering-policy-and-planning/>

**Department of Civil, Structural & Environmental Engineering**

Museum Building,  
Trinity College Dublin,  
Dublin 2, Ireland

Web: [www.tcd.ie/civileng](http://www.tcd.ie/civileng)  
Email: [civeng@tcd.ie](mailto:civeng@tcd.ie)

