The MSc in Structural & Geotechnical Engineering at Trinity is a specialist course aimed at engineering graduates who wish to pursue a career at the top level of structural or geotechnical engineering. The course explores the field of structural and geotechnical engineering addressing the modern challenges in this industry including: sustainability of buildings and structural materials, earthquakes, bridge design, soil-structure interactions, advanced modelling and analysis of structures.

Students take lectures from experts in a variety of structural or geotechnical subjects and carry out cutting edge research on topics of relevance to this field. The areas of Structural and Geotechnical Engineering covered during the course include:

- Advanced Structural Analysis
- Structural Dynamics
- Earthquake Engineering
- Bridge Engineering
- Façade Engineering
- Geotechnical Design
- Materials Technology
- Off-shore Geotechnical Engineering
- A Unified Theory of Structures
- Structural Durability & Sustainability
- Engineering Management

Trinity College Dublin, the University of Dublin is ranked in the Top 100 Universities in the world and is the highest ranked University in Ireland. Trinity's School of Engineering continuously benchmarks itself against the top international engineering schools.

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 and Best Engineering Course in 2015.

For more information, please see:

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