The MSc in Environmental Engineering provides education and training to those eager to pursue a career in the protection of the environment. It aims to develop students with a specialist understanding of the engineering challenges facing the environment today, and with specialist skills to address these.

The course explores the themes of water, air, noise and soil pollution and how we may develop solutions for these challenges to protect our environment and society. The course also incorporates the grand challenges facing environmental engineers of this era including climate change, sustainability, and renewable energy.

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

- Monitoring & Impact Assessment
- Hydrology & Hydrogeology
- Waste Management
- Water Resource Management
- GIS and Spatial Analysis
- Renewable Energy & Energy Efficiency
- Air & Noise Pollution
- Water Pollution
- Water & Waste Water Treatment
- Environmental Modelling
- Climate Change

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:
www.tcd.ie/civileng/postgraduate/msc/environmental/

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