MSc in **Sustainable Energy**

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

The MSc in Sustainable Energy is designed to provide engineers, and other suitably qualified graduates with a specialist understanding of energy management and energy efficiency as well as sustainable energy generation. The course will advance your knowledge in efficiency techniques, sustainable energy technologies and energy management systems and strategies. It also includes theory and practice along with economics, management, current legal requirements and standards.

Students take lectures from experts in a variety of sustainable energy subjects and carry out cutting edge research on topics of relevance to this field. The areas of Sustainable Energy Engineering covered during the course include:

- Energy Efficiency
- Solar Energy
- Wind Energy
- Ocean energy and Hydropower
- Energy Demand (Buildings/Transport/Industry)
- Energy in Buildings
- Energy Management
- Energy from Waste
- Energy Legislation and Environment
- Renewable Heat

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: [http://www.tcd.ie/civileng/msc-in-sustainable-energy-engineering/](http://www.tcd.ie/civileng/msc-in-sustainable-energy-engineering/)

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