



**UNIVERSITY OF  
CAMBRIDGE**

**DEPARTMENT OF  
ENGINEERING**

## **MPhil in Energy Technologies**

The world faces major challenges in meeting the current and future demand for sustainable and secure energy supplies, and engineers who are conversant in the wide range of scientific and technological issues involved in deciding how we should plan our energy future are needed.

The MPhil course in Energy Technologies offered by the Engineering Department of the University of Cambridge is designed for graduates who want to help tackle these problems by developing practical engineering solutions, and who want to learn more about the fundamental science and the technologies involved in energy utilization, electricity generation, energy efficiency, and alternative energy.

The course lasts for one year and is centred around taught courses in four core areas, covering Communication and Organisational Skills, Mathematical and Computational Skills, Review of Basic Energy Concepts and Research Topics. The core courses are followed by elective courses and a research project. Elective courses may be chosen from a broad range which includes topics such as Fluid Mechanics, Turbulence, Two-Phase Flows, Sustainable Energy, Nuclear Power Engineering, Renewable Energies, and Clean Coal Technologies. Elective courses are delivered mainly by the Department of Engineering with significant input from the Department of Chemical Engineering and other Departments in Cambridge.

Research projects are chosen from a list offered by members of staff and are linked to the principal areas of energy research in the respective Departments.

The graduates from this MPhil are expected to be highly sought-after in a wide range of industries and organizations.

For further information, please contact the course director.

Email: [energy-mphil-enquiries@eng.cam.ac.uk](mailto:energy-mphil-enquiries@eng.cam.ac.uk)

The Engineering Department website also contains detailed information on the course and the Department: <http://www.eng.cam.ac.uk/graduate/postgrad/>

Applications deadline: 30 June