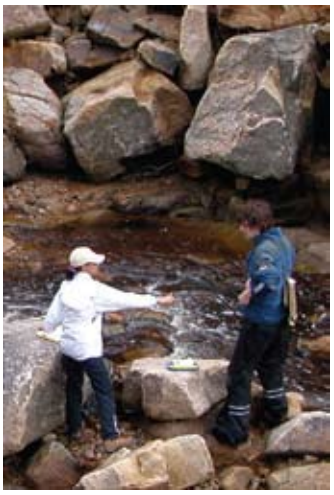
MANCHESTER 1824

The University of Manchester

Pollution and Environmental Control MSc

Course aims

This course is designed to meet the growing international need for scientists who can understand and solve environmental problems. Since most environmental problems are interdisciplinary in nature, the course is founded upon a variety of environmental science, engineering and social science disciplines. Established over 20 years ago, it now has a high-profile international status, attracting students – mainly with good first degrees in a science or engineering discipline – from all across the world. Key employers of graduates from this course include private companies and public enterprise, central and local government, consultancies and education and research.



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Career opportunities

The pattern of employment varies between years, according to the changing nature of job opportunities. However, graduates from this programme have been very successful in obtaining relevant environment-related employment in areas such as industry, local and central authorities, consultancies, and education and research. Typically, 20-30% of students completing the course then undertake postgraduate research. A student who has successfully completed this masters programme to a good standard can be admitted to the doctoral programmes in Biology, Social Science and Environmental Engineering without being required to undertake foundation training in the first year of study.

Type of employment	%
Companies and public enterprises	25
Central and local government	24
Consultancies	25
Education and research	20
Other	6

Course structure

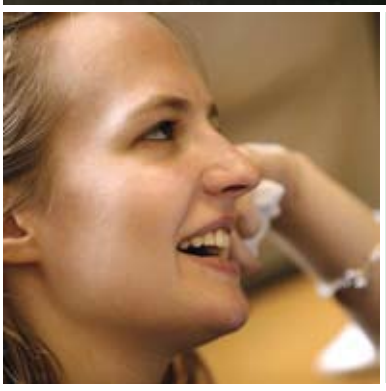
The one-year full-time course or 2 year part-time course consists of seven months taught component and a project lasting five months. The taught component has a broad core covering concepts of pollution damage and economics, research methods and analytical techniques. You may then specialise in:

- Environmental Management
- Earth, water or atmospheric sciences
- Engineering
- Regulation

Teaching includes formal lectures, but also places considerable emphasis on interdisciplinary group work, practicals and industrial/field visits. The course is taught by around 20 recognised specialists from Biological Sciences, Earth Sciences, Economic Studies, Planning and Landscape, Engineering and Law.

Your research project may be undertaken in any area related to pollution and environmental management. The project may be desk, laboratory or field-based, depending upon your individual requirements. Projects are carried out under the guidance of University staff and may involve collaboration with regulatory bodies, environmental consultancies, industry and universities overseas.

Teaching and research in environmental sciences are facilitated by strong collaborative links with the Greater Manchester Geological Unit, an independent body of consultants engaged in practical urban geoscience in the Manchester area.



Entry requirements

Applications are welcome from students with a good first degree (minimum 2.1 or equivalent) in a scientific or technological discipline from a recognised university. First degrees in other subject areas or people with degree-equivalent qualifications may also be considered for entry. Overseas students would also need to demonstrate competence in English language, for example, a minimum IELTS score of 6.5