



# Corrosion Control Engineering

## MSc, PG Diploma, PG Certificate

This masters course covers a wide range of industry-relevant subjects, including:

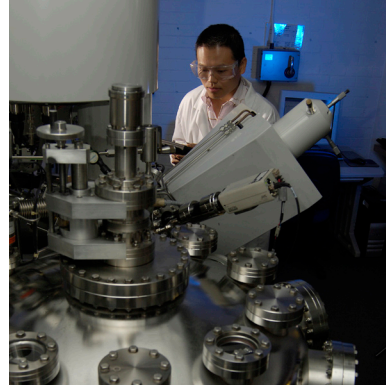
- Introduction to Corrosion
- Principles of Corrosion
- Environments, Testing and Localised Corrosion
- Corrosion Control Methods
- Corrosion in Oil and Gas
- Corrosion in Process and Power

This MSc course is part of the Manchester Materials Masters (MMM) programme, all MMM courses are available in full-time, part-time and online distance-learning format. Scholarships are available.

The School of Materials at The University of Manchester is the largest school for Materials Engineering in Europe, it is rated 5\* for research and offers an unrivalled breadth of research in Materials Science.

For an informal discussion about your options for study, call +44 (0)161 306 4826 or email [pg-materials@manchester.ac.uk](mailto:pg-materials@manchester.ac.uk)

[www.manchester.ac.uk/materials/postgraduate](http://www.manchester.ac.uk/materials/postgraduate)



# MSc / Diploma Corrosion Control Engineering

## Who is this programme for?

- graduates from engineering and science backgrounds wishing to specialise in corrosion control engineering
- engineers, scientists and technologists wishing to develop a deeper understanding of corrosion and its control

## Entry requirements

2.2 UK Honours degree or equivalent, or an approved combination of educational qualification and industrial experience.

## English language

TOEFL >570; IELTS >6.5

The University offers three, five and 10-week pre-sessional English language courses.

## Scholarships

If you study the Corrosion Control Engineering MSc full-time then you may be awarded one of the Manchester Materials Masters Scholarships.

UK / EU students can be awarded up to 100% of their tuition fee plus a maintenance award. Overseas students can be awarded a part-tuition fee scholarship.

## Careers

The career paths of our graduates are virtually unlimited, with the majority of graduates going on to fill key posts as corrosion scientists, engineers, managers and consultants in academia, industry, consultancy and research and development. Our graduates are highly sought after and widely employed across a diverse range of industry sectors.

## How to apply

You can apply online now at:

[www.manchester.ac.uk/postgraduate/howtoapply](http://www.manchester.ac.uk/postgraduate/howtoapply)

## Contact us

For further information, you can email or call us:

[pg-materials@manchester.ac.uk](mailto:pg-materials@manchester.ac.uk)

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The masters course in Corrosion Control Engineering provides you with a thorough grounding in corrosion and its control. You will explore principles, protection strategies and industrial applications, preparing you for either a career in industry as a corrosion scientist or engineer, or for cutting-edge academic research.

## Aims of the programme

- to produce competent, professionally qualified graduates who are appropriately trained to secure immediate, rewarding and useful employment in the UK, European or overseas industries as corrosion scientists or engineers
- to provide conversion training, which is academically-based and intellectually challenging, as well as directly relevant to the requirements of the subject, the student, industry and other employers.
- to satisfy the needs of practicing engineers, scientists and technologists wishing to develop professional competence in the areas of corrosion and corrosion control processes.

## Programme content and delivery

The programme consists of discrete taught units, each of two-week duration, in short-course format, followed by a dissertation project (MSc) or short project report (Diploma). Postgraduate qualifications are awarded at Masters, PG Diploma and PG Certificate levels.

The full MSc programme is made up of six taught course units and a five month research project. The taught units are:

- Introduction to Corrosion
- Principles of Corrosion
- Environments, Testing and Localised Corrosion
- Corrosion Control Methods
- Corrosion in Oil and Gas
- Corrosion in Process and Power

You can find detailed programme information at our website.

## Flexible training options

You can choose to take this course in full-time, part-time or online distance-learning format. The full-time programme takes 12-months to complete, and the part-time and online formats can take up to five-years. Each unit can be attended individually as part of continuing professional development (CPD). For on-campus formats, attendance is only essential during the first week of each unit and the content of the second week can be completed off-campus. For the online format, each unit will take 12-weeks to complete.

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