MSc Polymer Materials Science and Engineering

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

- Control and Design of Polymerisations
- Polymer Characterisation
- Structure and Mechanical Properties of Polymers
- Polymer Processing
- Engineering Design and Communication
- Advanced Composite Materials
- New Directions in Polymerisation

The course, offered in partnership with the School of Chemistry, is multi-disciplinary: it provides Chemists, Materials Scientists and Engineers with a rich understanding of both traditional commodity plastics and speciality polymers with increasing applications in the biomedical and pharmaceutical fields, and in electronics and nanotechnology. The full range of issues, from fundamental polymer science, through polymer processing, to manufacturing are all covered.

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

The School of Materials at The University of Manchester is the largest school of Materials Engineering in Europe and offers an unrivalled breadth of taught and research programmes in Materials Science.

www.manchester.ac.uk/materials/postgraduate
MSc Polymer Materials Science and Engineering

Who is this programme for?
Graduates from chemistry, physics, materials and engineering backgrounds who wish to specialise in polymer science and technology.
Students and professionals in industry who require the knowledge and skills in basic polymer syntheses, polymer processing, structural characterisation, properties and polymer engineering design and manufacture.

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

English Language
IELTS 6.5 with no subscore below 5.5 or equivalent. The University offers three, five and ten-week pre-sessional English language courses for students who need to improve their English to meet the minimum requirements.

Programme Content and Delivery
The programme consists of discrete taught units 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:
• Control and Design of Polymerisations
• Polymer Characterisation
• Structure and Mechanical Properties of Polymers
• Polymer Processing
• Engineering Design and Communication
• Advanced Composite Materials
• New Directions in Polymerisation
You can find detailed programme information at our website.

Careers
The majority of graduates of this programme go on to fill key posts as polymer materials scientists, technologists, engineers, managers and consultants in academia, industry and research and development. Some advance to PhD degrees within the School.

How to apply
You can apply online now at www.manchester.ac.uk/postgraduate/howtoapply

Contact us
For further information, you can email or call us: pgmaterials@manchester.ac.uk or +44 (0)161 306 4826

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