



MSc Advanced Composite Design

www.bolton.ac.uk/CODATE

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Your opportunity to undertake an MSc in Advanced Composite Design (as recognised by the Engineering Council).

Already in use by the Aerospace industry and leading sports sectors, Composite Materials have been identified by the UK and other governments as a key priority for future success in engineering, business and employment.

Flexible study; combined with the study, completion and submission of an appropriate dissertation; that can lead to the award of an MSc is now available in relevant modules containing the following topics:

- Profitable Business Sectors in Composites and Fibre Reinforced Materials
- Successful Applications of Composites
- Engineering Properties of Composites
- Creativity with Composites
- Designing for and/or with Composites
- Manufacturing and Processing
- Design for Manufacture and Assembly
- Replacement and Repair
- Research and Development in Composites
- Managing Composites for Profit
- Assuring Quality through Composites
- Compliance with Health and Safety
- Developing a culture for Composites
- Composites Training for Staff Skills

Modules, topics and relevant activities designed and developed through successful collaboration of industrial practitioners and academics. Modules available at key points throughout the year.

Target Audience

Graduate Engineers (or equivalent) who wish to update or develop their knowledge in the application of Composite Materials. Engineers who are seeking chartered status will be able to undertake a specially developed, portfolio based industrial dissertation to satisfy professional body approval.

Skills Demand

A study by North West Aerospace Alliance on the Region's Capabilities and Opportunities in Composites in 2006 showed that Design, Analysis, Manufacture, Life Cycle Management, Repair and Maintenance of Composites are the priority focus for companies.



Partners

The University of Bolton in partnership with the University of Manchester. North West Composites Centre

Programme Facilities

The University of Bolton has facilities for this programme which include: a dedicated composites laboratory, FEA software, and standard manufacturing processes.

Contact us now for further information.
Ring Ann Boardman on (01204) 903475
Email: composites@bolton.ac.uk
Visit: www.bolton.ac.uk/codate