



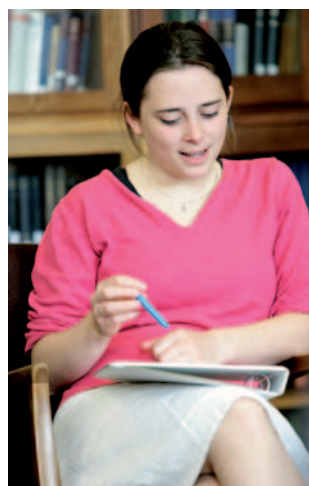
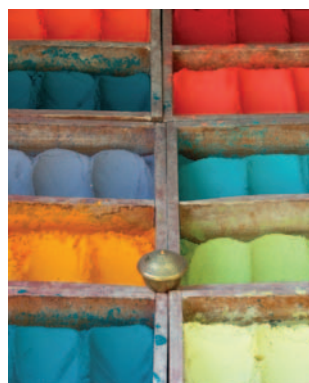
- Textile management
- Technical consultancy
- Education and training
- Academic research in technical textiles
- Product development technology in specialist fields, such as: medical and health care, geo-textiles and civil engineering materials, aerospace and transport materials, filtration and industrial engineering materials, sport and performance clothing.

### Entry Requirements

You should normally have a minimum of a lower second class honours degree (or an equivalent qualification) in a textile related discipline, management, business studies or other related science, engineering or social science subject. Non-standard entry will also be considered. For applicants whose first language is not English, certification of English language proficiency by the IELTS or TOEFL test is required.

### Students without Textiles Related Degrees

If your first degree is not in a textiles-related subject, you will be expected to undertake the specially designed module, General Textile Technology. This will be largely practical laboratory classes and demonstrations. It will provide you with a good background knowledge and understanding of the terminology used and the fundamental principles of textile technology and textile materials.



### International Students

The University of Leeds is one of the most popular destinations in the UK for high quality international postgraduates, and students from all over the world study in the School. Our graduates are sought after by employers and can be found in positions of influence across the globe. We pride ourselves in providing a relaxed, friendly and supportive environment for our international students and aim to make our students' time in the School as enjoyable and fulfilling as possible. The University has excellent academic and support services for international students, which provide you with any help, advice and information you may need during your time here.

### Life in Leeds

The University of Leeds is a top civic university, in the heart of one of the UK's most fashionable and student friendly cities. Established in 1904, and with origins dating back to 1874, the University is now one of the largest in the UK, and is acclaimed worldwide for the quality of its research and teaching,

### Life on Campus

Just a ten-minute walk from the city centre, the University campus has shops, cafes, student residences, sports and entertainment facilities, alongside academic departments, lecture theatres, laboratories and the internationally acclaimed University library. The University has one of the largest and most active student unions in the country, with

a shopping mall, bars, a games complex, concert venue, and nightclub; and it runs a student newspaper, radio station, theatre company and two-hundred student societies.

### Life in the City

Leeds, whose roots lie in the textiles industry, is one of the most vibrant and cosmopolitan cities in the UK. The city has a lively cultural calendar packed with music, art, cinema, theatre and dance. As well as major concerts and outdoor festivals, the music scene includes classical, soul, jazz, folk and alternative pop music in venues across the city. Leeds City Art Gallery is adjacent to the internationally famous Henry Moore Institute, and the Yorkshire Sculpture Park, Royal Armouries, and the National Media Museum are nearby. Leeds is one of the greenest cities in the UK, with many places of beauty and interest for a day out, such as Roundhay Park, Temple Newsam, Harewood House and the 12th century Kirkstall Abbey. The city centre has over two miles of traffic free shopping and over a thousand shops, with elegant Victorian arcades and designer shops beside major high street names. The dining experience in Leeds is outstanding, with a huge choice of restaurants, bistros and brasseries, representing nearly every nationality. As for the nightlife, Leeds' wide choice of bars range from traditional inns to the cutting edge, and its "cosmopolitan street café culture" and "gigantic club scene" make the city a magnet for students.

### University Living

As a postgraduate student at Leeds, you can expect a free, first class housing service to help you find the right place to live. The Accommodation Service team offer an impressive range of accommodation to cater for different tastes and budgets, from modern, purpose built apartments to Victorian houses. Accommodation costs vary, depending upon the facilities and services offered, and flexible payment methods and differing lengths of contract are available.

You will find lots of information about our accommodation on the University of Leeds' website.

### Further information

If you wish to find out more about the University of Leeds, please visit the University's website at [www.leeds.ac.uk](http://www.leeds.ac.uk), and the School of Design's website at [www.leeds.ac.uk/design](http://www.leeds.ac.uk/design).

For all enquiries and requests for application forms contact:

The Postgraduate Secretary  
School of Design  
University of Leeds  
LEEDS LS2 9JT  
United Kingdom

Telephone: +44 (0)113 343 3700  
Facsimile: +44 (0)113 343 3704  
Email: [texpg@leeds.ac.uk](mailto:texpg@leeds.ac.uk)

## Centre for Technical Textiles

SCHOOL OF DESIGN



## MSc in Advanced Textiles and Performance Clothing

**MSc in Advanced Textiles and Performance Clothing**  
**This stimulating course aims to develop your understanding of the textile industry, textile processes and technical textiles, and it has received high praise from academia and industry. The School is internationally recognized for its teaching and research activities. It has excellent library resources, and specialist research laboratories for technical textiles and nonwovens, high performance testing, and colour and textile chemistry.**

As a postgraduate student in the School of Design, you will find yourself in an architecturally beautiful and dynamic environment located at the heart of the university campus. You will become part of a lively postgraduate culture and a member of the Centre for Technical Textiles, which focuses on the engineering design, manufacture and characterization of technical textile materials. Whichever specialism you choose to study, this unique Masters course will prepare you well for your future career.

### Course Outline

The course will provide you with a broad knowledge and in-depth understanding of the following areas:

- Textile management issues in competitive textile markets
- Advanced textile processes and quality management
- The science, technology and testing of colour and colouration processes
- The science, technology and testing of functional textile materials, their associated products and markets
- The science, technology and testing of performance clothing and their markets

Particular emphasis is placed on emerging applications for innovative products. You will also receive training in key skills including problem solving, reasoning and ICT (Information and Communication Technologies) relevant to the aims and objectives of the course. There will also be opportunities for you to attend relevant conferences, seminars and workshops.



### Course Structure

The MSc in Advanced Textiles and Performance Clothing is a flexible course designed to allow you to specialize in one of six areas:

- Advanced colouration and finishing technology
- Colour management systems
- Technical textiles and performance clothing
- Advanced manufacturing in textiles and nonwovens
- Textile management
- Sustainability in textiles

The taught modules are delivered over two semesters with a dissertation project undertaken throughout the full year. Each semester comprises core and optional modules taught through formal lectures, directed reading, private study, seminars, tutorials, assignments and, where appropriate, workshops. The period from the end of the second semester, to the end of the academic year is scheduled for the completion of the dissertation project.

- Semester One (Autumn Semester)  
Commences late September – ends late January
- Semester Two (Spring Semester)  
Commences February – ends in June

- Dissertation completion  
Until end September

### Core Modules

Professional Development and Research Methodology is aimed at equipping you with the skills necessary to plan, execute, and write up in a professional manner, an investigation of a chosen topic relating to any of the areas of study.

The dissertation project is an integral element of the course to which much importance is attached. You will be required to carry out a line investigation that has novelty and contributes towards established knowledge.

It is expected that dissertation projects will form the basis for publications in learned journals or articles for other routes of dissemination.



A dissertation topic is chosen in semester one and you are assigned to an appropriate supervisor. The work, including writing up, must be completed and submitted by 30th September.

### Optional Modules

- Advanced Colouration Technology
- Advanced Finishing Technology
- Colour Measurement and Control
- Colour Management
- Fibres and Technical Textiles
- Performance Clothing and Intelligent Textiles
- Nonwoven Materials Technology
- Advanced Textile Process and Quality Control
- Global Textiles and Apparel Markets
- Design, Innovation & New Product Development
- Sustainability in Textiles

### Full Time Study

Full-time students are required to attend the University over one full academic year, starting late September of the year of registration.



### Part-Time Study

If you wish to register on to the course on a part time basis, please contact the Taught Masters Admissions Tutor, Dr. R. S. Blackburn.

### Postgraduate Diploma

You may also take a PGDip Advanced Textiles & Performance Clothing, which runs over Semester One and Semester Two. No dissertation is required with this option.

### Assessment

Taught modules are assessed by either a combination of module coursework (50%) and formal examination (50%), or by coursework only (100%). Examinations are held at the end of each semester.

### Career Destinations

The course will enable you to develop skills required to pursue a career in any of the following fields:

