

Textile Technology

Textile Technology is a comprehensive academic program that prepares students for careers in design, development and manufacture of products in aerospace, medicine, architecture, automotive, apparel, sports and many other fields.



The curriculum for Textile Technology helps students cultivate their most creative talents through many in-depth academic areas while allowing them to grow as individuals. The program encourages students to pursue their personal academic goals through summer internships, study abroad programs, design projects, and undergraduate research.

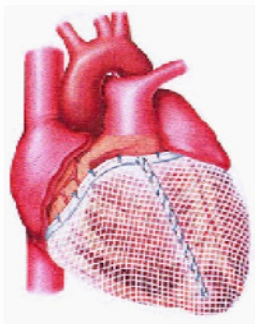
The College of Textiles at NC State awards the highest number of scholarships on campus. A large percentage of our undergraduates receive some form of financial assistance.

As an undergraduate, you will study the science and technology of fibers and textiles - and use that knowledge to **develop human prosthetics** or life-saving **bullet proof-vests**. You may develop a better **airbag** for automotive safety or to land a spacecraft on Mars. You can explore how a textile product can be used to clean up the environment, or build the **roof over an all-weather superdome**. You can even integrate your **cell phone into your shirt-sleeve**. Maybe you will be the **upholstery designer** of next year's coolest car. One of your term papers may become a revolutionary new product. The potential is endless...



Customize your degree - Five Smart Choices

Medical Textiles



Learn how new medical textile products, such as wound dressings, surgical implants, sutures and artificial knee ligaments are designed, assembled and tested. Graduates with this expertise follow careers in the healthcare sector, in hospitals, clinics, the FDA and with medical device and pharmaceutical companies such as Johnson & Johnson, Medtronic and Pfizer.

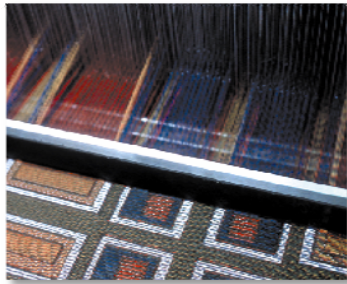
Nonwovens

Develop technical expertise and analytical skills needed for the design, development, and manufacturing of engineered nonwovens. Graduates in this fast growing industry will have the credentials required by some of the leading nonwovens companies in the world such as DuPont, Kimberly Clark, Procter & Gamble, and others.



Textile Design

Learn the technical and aesthetic design of textile products. You will create product ideas through experiences in digital design in well equipped studios. Interactions with industry designers, internships, and



international experiences contribute to portfolio development for a creative career with such companies as Milliken, GM, Nike, and Calvin Klein.

Textile Supply Chain Management

The supply chain consists of all the operations necessary to produce and distribute a product, starting with the procurement of the raw material, managing and integrating various manufacturing, communication and information technologies,

and delivering the finished product. This program focuses on solving problems in manufacturing, sourcing, transportation, logistics and retail operations. Students are finding rewarding careers with such companies as Abercrombie & Fitch, Russell, UPS, and VF Corporation.



Performance Textiles

Develop broad understanding of materials, mechanics, and product development principles relevant to textile products for well specified functions,



including automotive airbags, architectural textiles, protective garments, geotextiles, etc. This program is intended for careers in product development in industry, as well as in product design, evaluation, and application in consulting firms, or government. It is

also appropriate for students who plan to be researchers or who intend to pursue an advanced degree in science and technology of fibrous products.

Contact Information:

For more information on programs in Textile Technology, visit the web site http://www.tx.ncsu.edu/departments/tatm/text_tech_degree.htm or contact the TATM Department as follows:

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