

# Textile Technology Management

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The Ph.D. in Textile Technology Management program is designed to educate students for research and management careers in textile technology management in the fiber, textile, apparel, retail and related industries complex, as well as for positions in government and academe.

Numerous competitive challenges are facing the global textile complex. There is a need for industry and government leaders who can provide knowledge of products, processes and business strategies to effectively position companies to compete in this global marketplace. The Ph.D. in Textile Technology Management program is designed to educate students for research and management careers in textile technology management in the fiber, textile, apparel, retail and related industries complex, as well as for positions in government and academe.

The graduates of this program are expected to play several roles in industry, government, and other institutions, including:

1. Carrying out research on issues that relate to the technologies of design, characterization, and manufacture of fibers and fibrous products, management of production and sourcing activities, marketing and distribution of products, international trade, and information requirements. The plethora of raw materials and product specific technologies extant in the industry coupled with the rapid rate at which these technologies are changing challenge students in the program to be innovative in approaches to product development, processes, and strategic business practices. Graduates assume positions in the industry with prime responsibilities for developing policy alternatives for strategic and long range planning.
2. Contributing to the teaching and research in institutions concerned with fiber, textile, apparel, and retail programs.
3. Developing policies at the highest level where broad technical and managerial expertise is required to ensure proper decision-making.

The educational objectives of the TTM Ph.D. program are two-fold:

1. To prepare managers for the research and technological enterprises within the fiber, textile, apparel, retail and related industries. To achieve this objective, the programs of study will be designed for each student to acquire and integrate knowledge of the materials and technologies used in the industrial complex by applying those quantitative, qualitative, and analytical techniques of management that would be most useful for their career goals.
2. To prepare graduates to be faculty members in the numerous international colleges and universities.

## Admission Requirements

Students with a Master of Science (M.S.) degree in a related field may apply to the Textile Technology Management program. Typically the minimum acceptable overall grade point average (GPA) is a 3.0 out of 4.0, based on most current U.S. universities. Students without a master's degree may also apply if met the following conditions:

1. the undergraduate degree from a well-known and robust research active program with a cumulative GPA of 3.5 or above;
2. strong recommendation letters from faculty adviser(s) indicating research experience or suggesting research potential; and
3. strong publication record/experience or extensive industry experience in related industry/profession.

Applicants should plan to take the GRE or GMAT examination, which is required for all applicants. The GRE/GMAT scores should be sent to NC State University electronically and be available online.

For International students, TOEFL or IELTS is required for the application. Students must rank in a competitive percentile in order to be considered for acceptance into NC State University and our department.

- TOEFL: A total score of 80+ on IBT. Minimum scores of 18 points for each section: or
- IELTS: An overall band score of 6.5+. Minimum scores of 6.5 points for each section

## Scholarships and Assistantships

Competitive scholarships and assistantships from the program as well as the University are available to incoming new students. All incoming students will be considered for the funding opportunities. No separate application for assistantships/scholarships is needed.

## Degrees

- Textile Technology Management (PhD) (<http://catalog.ncsu.edu/graduate/textiles/textile-technology-management/textile-technology-management-phd/>)
- Textile Management and Technology (Minor) (<http://catalog.ncsu.edu/graduate/textiles/textiles/textile-management-technology-minor/>)

Roger Barker

Keith Beck

Timothy Clapp

Ahmed Mohamed El-Shafei

Shu-Cherng Fang

Harold Freeman

Tushar Ghosh

A. Blanton Godfrey

Russell Gorga

Maureen Grasso

Robert Handfield

Peter Hauser

David Hinks

Cynthia Istook

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Jeffrey Joines

Martin King

Russell King

Traci Lamar

Karen Leonas

Trevor Little

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Helmut Hergeth

George Hodge

Richard Kotek

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Lisa Parrillo-Chapman

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Ericka Ford

Jessica Gluck

Chan Mi Hwang

Delisia Matthews

Robert Ormond

Jane Porterfield

Elizabeth Powell

Eunyoung Shim

Januka Budhathoki Uprety

Jamie Woodbridge

Rong Yin

Mengmeng Zhu

Nagendra Anantharamaiah

Genevieve Garland

Hechmi Hamouda

Cassandra Kwon

Benoit Maze

Henry Nuttle

Robert Barnhardt

Subhash Batra

Stephen Chapman

Robert Donaldson

Aly El-Shiekh

Perry Grady

Bhupender Gupta

Thom Hodgson

Stephen Margolis

John McCreery

Stephen Michielsen

Gary Mock

Mansour Mohamed

William Oxenham

Nancy Powell

Carl Smith

Gary Smith

Moon Won Suh

Charles Tomasino

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## **Associate Professor**

Nelson Benitez

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## **Assistant Professor**

Amanda Mills