

Textiles (MS)

Master of Science Degree Requirements

| Code | Title | Hours |
|---|---|-----------|
| TT/TTM 601 | Seminar | 1 |
| Select six to ten credit hours of the following 600-level courses:6-10 | | |
| TT/TTM 630 | Independent Study in Textile Technology | |
| TT/TTM 693 | Master's Supervised Research | |
| TT/TTM 695 | Master's Thesis Research | |
| Select 15 credits in the "Specializations" listed below ¹ | | 15 |
| TT/TTM 630 | Independent Study in Textile Technology | 3 |
| TT 676/TTM 632 | Special Projects Textile Technology | 3 |
| Total Hours | | 30 |

¹ Course lists not exhaustive; can alternatively choose multiple specializations or specialization with minor. TT 591 Special Studies in Textile Technology/TTM 591 Special Studies in Textile Technology Management 1-4 credits recommended for all specializations.

Specializations

| Code | Title | Hours |
|-------------------------------------|---|-------|
| Textile Design & Fashion | | |
| TT 551 | Advanced Woven Fabric Design | 3 |
| TT 570 | Textile Digital Design and Technology | 3 |
| TT 571 | Professional Practices in Textile Design and Technology | 3 |
| TTM 510 | Apparel Technology Management | 3 |
| TTM 515 | Apparel Production | 3 |
| TTM 517 | Advanced Computer-Aided-Design for Fashion | 3 |
| TTM 632/TT 676 | Special Studies in Textile Product Development | 1-6 |

¹ Does not count toward 15 credit hour requirement

| Code | Title | Hours |
|----------------------------|---|-------|
| Branding and Retail | | |
| TTM 561 | Strategic Technology Management in the Textile Complex | 3 |
| TTM 573 | Management of Textile Product Development | 3 |
| TTM 582 | Global Textile Brand Management and Marketing | 3 |
| TTM 583 | Strategic Planning for Textile Firms | 3 |
| TTM 585 | Market Research In Textiles | 3 |
| TTM 588 | Global Perspectives in Textiles Supply Chain Management | 3 |

| Code | Title | Hours |
|---------------------------|--|-------|
| Textile Technology | | |
| TT 504 | Introduction to Nonwovens Products and Processes | 3 |
| TT 520 | Yarn Processing Dynamics | 3 |
| TT 530 | Textile Quality and Process Control | 3 |
| TT 550 | Production Mechanics and Properties of Woven Fabrics | 3 |

| Code | Title | Hours |
|---------------------------|--|-------|
| Textile Management | | |
| TTM 530 | Textile Quality and Process Control | 3 |
| TTM 533 | Lean Six Sigma Quality | 3 |
| TTM 535 | Research Methods and Management | 3 |
| TTM 561 | Strategic Technology Management in the Textile Complex | 3 |
| TTM 581 | Global Textile and Apparel Business Dynamics | 3 |
| TTM 583 | Strategic Planning for Textile Firms | 3 |

Accelerated Bachelor's/Master's Degree Requirements

The Accelerated Bachelors/Master's (ABM) degree program allows exceptional undergraduate students at NC State an opportunity to complete the requirements for both the Bachelor's and Master's degrees at an accelerated pace. These undergraduate students may double count up to 12 credits and obtain a non-thesis Master's degree in the same field within 12 months of completing the Bachelor's degree, or obtain a thesis-based Master's degree in the same field within 18 months of completing the Bachelor's degree.

This degree program also provides an opportunity for the Directors of Graduate Programs (DGPs) at NC State to recruit rising juniors in their major to their graduate programs. However, permission to pursue an ABM degree program does not guarantee admission to the Graduate School. Admission is contingent on meeting eligibility requirements at the time of entering the graduate program.

Faculty

Full Professors

Tushar K. Ghosh

A. Blanton Godfrey

Maureen Grasso

David Hinks

Cynthia L. Istook

ByoungHo Ellie Jin

Martin William King

Traci Ann May Lamar

Trevor J. Little

Marguerite Murray Moore

Behnam Pourdeyhimi

Abdel-fattah Mohamed Seyam

Renzo Shamey

Kristin Thoney-Barletta

Yingjiao Xu

Associate Professors

Katherine Emma Annett-Hitchcock

Pamela Banks-Lee

Helmut H. Hergeth

George Lawrence Hodge

Lisa Lynne Parrillo-Chapman

Lori Fay Rothenberg

Minyoung Suh

Assistant Professors

Xiaomeng Fang

Erica Ford

Delisha R. Matthews

Kate E. Nartker

Anne Porterfield

Eunyoung Shim

Janie F. Woodbridge

Emeritus Faculty

Robert A. Barnhardt

Subhash K. Batra

Nancy Cassill

Hawthorne A. Davis

Robert Alan Donaldson

Aly H. El-Shiekh

Peyton B. Hudson

Mendel L. Robinson Jr.

Samuel Clyde Winchester Jr.

William C. Stuckey Jr.

Mansour H. Mohamed

William Oxenham

Nancy C. Powell

Gary W. Smith

Moon Won Suh