# Textiles (MR)

## Master of Textiles Degree Requirements

- Required: 30 credit hours at 500 level or above
- Optional: maximum of 12 credit hours outside of department

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
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</thead>
<tbody>
<tr>
<td>TT 630</td>
<td>Independent Study in Textile Technology</td>
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<tr>
<td>or TTM 632</td>
<td>Special Studies in Textile Product Development</td>
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Optional: maximum of two credit hours seminar

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<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
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<tbody>
<tr>
<td>TT/TTM 601</td>
<td>Seminar</td>
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Optional: online courses

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<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
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<tbody>
<tr>
<td>TT 500</td>
<td>Understanding the Textile Complex</td>
<td></td>
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<tr>
<td>TT 503</td>
<td>Materials, Polymers, and Fibers used in Nonwovens</td>
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<tr>
<td>TT 504</td>
<td>Introduction to Nonwovens Products and Processes</td>
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<td>TT 505</td>
<td>Advanced Nonwovens Processing</td>
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<tr>
<td>TT 507</td>
<td>Nonwoven Characterization Methods</td>
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<td>TT 508</td>
<td>Nonwoven Product Development</td>
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<tr>
<td>TT 520</td>
<td>Yarn Processing Dynamics</td>
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<tr>
<td>TT 521</td>
<td>Filament Yarn Production Processing and Properties</td>
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<tr>
<td>TT 549</td>
<td>Warp Knit Engineering and Structural Design</td>
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<tr>
<td>TT 550</td>
<td>Production Mechanics and Properties of Woven Fabrics</td>
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<tr>
<td>TT 551</td>
<td>Advanced Woven Fabric Design</td>
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<tr>
<td>TT 553</td>
<td>Formation and Structure of Woven and Knitted Fabrics</td>
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### Accelerated Bachelor's/Master's Degree Requirements

The Accelerated Bachelor's/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
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
Chenmi “Gloria” Hwang
Chan Mi Hwang
Delisha R. Matthews
Kate E. Nartker
Anne Porterfield
Eunkyoung 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
Cynthia L. Istook
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

Adjunct Faculty
Mohamad Samir Midani