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>
</tr>
</thead>
<tbody>
<tr>
<td>TT 630</td>
<td>Independent Study in Textile Technology or TTM 632 Special Studies in Textile Product Development</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Optional: maximum of two credit hours seminar</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TT/TTM 601</td>
<td>Seminar</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Optional: online courses</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TT 500</td>
<td>Understanding the Textile Complex</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TT 503</td>
<td>Materials, Polymers, and Fibers used in Nonwovens</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TT 504</td>
<td>Introduction to Nonwovens Products and Processes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TT 505</td>
<td>Advanced Nonwovens Processing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TT 507</td>
<td>Nonwoven Characterization Methods</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TT 508</td>
<td>Nonwoven Product Development</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TT 520</td>
<td>Yarn Processing Dynamics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TT 521</td>
<td>Filament Yarn Production Processing and Properties</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TT 549</td>
<td>Warp Knit Engineering and Structural Design</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TT 550</td>
<td>Production Mechanics and Properties of Woven Fabrics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TT 551</td>
<td>Advanced Woven Fabric Design</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TT 553</td>
<td>Formation and Structure of Woven and Knitted Fabrics</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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
- 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