# Textiles (MS)

## Master of Science Degree Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TT/TTM 601</td>
<td>Seminar</td>
<td>1</td>
</tr>
</tbody>
</table>

Select six to ten credit hours of the following 600-level courses: 6-10

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TT/TTM 630</td>
<td>Independent Study in Textile Technology</td>
<td></td>
</tr>
<tr>
<td>TT/TTM 693</td>
<td>Master's Supervised Research</td>
<td></td>
</tr>
<tr>
<td>TT/TTM 695</td>
<td>Master's Thesis Research</td>
<td></td>
</tr>
</tbody>
</table>

Select 15 credits in the "Specializations" listed below

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TT 551</td>
<td>Advanced Woven Fabric Design</td>
<td>3</td>
</tr>
<tr>
<td>TT 570</td>
<td>Textile Digital Design and Technology</td>
<td>3</td>
</tr>
<tr>
<td>TT 571</td>
<td>Professional Practices in Textile Design and Technology</td>
<td>3</td>
</tr>
<tr>
<td>TTM 510</td>
<td>Apparel Technology Management</td>
<td>3</td>
</tr>
<tr>
<td>TTM 515</td>
<td>Apparel Production</td>
<td>3</td>
</tr>
<tr>
<td>TTM 517</td>
<td>Advanced Computer-Aided-Design for Fashion</td>
<td>3</td>
</tr>
<tr>
<td>TT 561</td>
<td>Special Studies in Textile Product Development</td>
<td>1-6</td>
</tr>
</tbody>
</table>

1 Does not count toward 15 credit hour requirement

## Textile Management

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TTM 530</td>
<td>Textile Quality and Process Control</td>
<td>3</td>
</tr>
<tr>
<td>TTM 533</td>
<td>Lean Six Sigma Quality</td>
<td>3</td>
</tr>
<tr>
<td>TTM 535</td>
<td>Research Methods and Management</td>
<td>3</td>
</tr>
<tr>
<td>TTM 561</td>
<td>Strategic Technology Management in the Textile Complex</td>
<td>3</td>
</tr>
<tr>
<td>TTM 581</td>
<td>Global Textile and Apparel Business Dynamics</td>
<td>3</td>
</tr>
<tr>
<td>TTM 583</td>
<td>Strategic Planning for Textile Firms</td>
<td>3</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
- 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
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
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