

Textiles (MS)

Master of Science Degree Requirements

Code	Title	Hours	Counts towards
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	Counts towards
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	Graduate Apparel Product Design	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	Counts towards
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 Counts towards			
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 Counts towards			
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

Professors

Katherine Annett-Hitchcock

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Assistant Professors

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Adjunct Professors

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Mohamad Midani

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Terry G. Montgomery

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Nancy Webster

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Lonny Langston Carter