Textile and Apparel Management

Jung Ha-Brookshire
Department Chair and Professor
137 Stanley Hall
(573) 882-7317
http://tam.missouri.edu

Advising Contact
Jaime Mestres
Assistant Teaching Professor & Director of Undergraduate Studies
125 Stanley Hall
(573) 882-6425
mestresj@missouri.edu

A&S Advising Support Center
107 Lowry Hall
(573) 882-6411
umcasadvising@missouri.edu (umcasadvising@missouri.edu)
https://coas.missouri.edu/academic-advising (https://coas.missouri.edu/academic-advising/)

Scholarship Contact
317 Lowry Hall
(573) 882-4421
muasscholarships@missouri.edu

Faculty

Professor J. Ha-Brookshire**
Associate Professor
Assistant Professor C. Kopot*, K. McBee-Black*, S. Youn**, L. Zhao**
Assistant Teaching Professor J. Mestres*, C. Smith*
Instructor N. Johnston, N. Leiby
Professor Emeritus P. S. Norum**, J. Parsons**, L. E. Wilson**
Associate Professor Emeritus B. Dillard*

• Graduate Faculty Member - membership is required to teach graduate-level courses, chair master's thesis committees, and serve on doctoral examination and dissertation committees.

• Doctoral Faculty Member - membership is required to chair doctoral examination or dissertation committees. Graduate faculty membership is a prerequisite for Doctoral faculty membership.

Undergraduate

• BS in Textile and Apparel Management (http://catalog.missouri.edu/collegeofartsandscience/textileapparelmanagement/bs-textile-apparel-management/)

• Minor in Textile and Apparel Management (http://catalog.missouri.edu/collegeofartsandscience/textileapparelmanagement/minor-textile-apparel-management/)

The department also offers a Certificate in Digital Merchandising (http://catalog.missouri.edu/collegeofartsandscience/additionalcertificatesminors/cert-digital-merchandising/).

The Department of Textile and Apparel Management is a global leader focusing on the apparel and textile supply chain. TAM’s award-winning faculty is internationally recognized. TAM prepares students for a wide variety of career options such as merchandising, buying, sourcing, product development, technical design, digital retailing or retail operations, and various sectors within the digital commerce. The curriculum focuses on leadership, the global supply chain, sustainability, creativity/innovation and technology. Through coursework, field study experiences, internships, leadership conferences and student organizations, TAM students develop the skills they need for top industry positions.

Students who major in Textile and Apparel Management may choose from the following tracks:

• Apparel Retailing and Digital Merchandising
• Apparel Product Development

These tracks are designed to provide students with knowledge and skills necessary to function in the global textile and apparel industry. (Note: Tracks do not appear on transcripts or diplomas). Students majoring in Textile and Apparel Management are required to take a set of core courses. Students may not take departmental courses using the Pass/Fail grading option. In addition to college and department requirements, students must meet all University graduation requirements (http://catalog.missouri.edu/academicdegerequirements/universityrequirements/) including University general education (http://catalog.missouri.edu/academicdegerequirements/generaleducationrequirements/).

Students who want to explore Textile and Apparel Management may take the following classes:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>T_A_M 1200</td>
<td>Basic Concepts of Apparel Design and Production</td>
<td>3</td>
</tr>
<tr>
<td>T_A_M 1300</td>
<td>Softgoods Retailing</td>
<td>3</td>
</tr>
<tr>
<td>T_A_M 2200</td>
<td>Science of Textiles</td>
<td>3</td>
</tr>
<tr>
<td>T_A_M 2400</td>
<td>Global Consumers</td>
<td>3</td>
</tr>
</tbody>
</table>

Graduate

• MA in Textile and Apparel Management (http://catalog.missouri.edu/collegeofartsandscience/textileapparelmanagement/ma-textile-apparel-management/)

• MS in Textile and Apparel Management (http://catalog.missouri.edu/collegeofartsandscience/textileapparelmanagement/ms-textile-apparel-management/)

The department also offers a Graduate Certificate in Digital Merchandising (http://catalog.missouri.edu/collegeofartsandscience/additionalcertificatesminors/grad-cert-digital-merchandising/).

Director of Graduate Studies
Dr. Jung Ha-Brookshire
137 Stanley Hall
Columbia, MO 65211
573-882-7317
http://tam.missouri.edu/

Graduate programs in textile and apparel management offer the following areas of study: apparel product development; consumer behavior; global supply chain management; history; marketing; retailing; and merchandising.

Careers

Career opportunities for graduates exist in many areas, such as higher education, industry, museums, product development, production management and cooperative extension.
Financial Aid from the Program

Some programs require an extra form or statement from those who wish to be considered for internal assistantships, fellowships or other funding packages. Check the program Web site or ask the program contact for details.

**T_A_M 1200: Basic Concepts of Apparel Design and Production**
Introduction to design techniques, coordination of fabric with design, selection of support materials, and basic understanding of garment assembly operations.

*Credit Hours: 3*

**T_A_M 1300: Softgoods Retailing**
Surveys merchandising and retailing principles with specific applications to the softgoods industry.

*Credit Hours: 3*

**T_A_M 2100: Introduction to Digital Presentation Techniques**
This class explores Adobe Creative Suite as a tool for presentation techniques, and Excel for merchandising applications, within the field of fashion merchandising and design. Graded on A-F basis only.

*Credit Hours: 3*

*Prerequisites: Restricted to TAM majors during early registration*

**T_A_M 2120: Professional Seminar**
Exploration of issues in professional activity/success including: evaluating opportunities, oral and written communication for presenting oneself, the articulation of professional/private life, and professional ethics.

*Credit Hour: 1*

**T_A_M 2200: Science of Textiles**
Fundamental concepts of textiles. Chemical composition, molecular arrangement, and physical structure of natural and manufactured fibers. Yarn and fabric manufacturing and various finishing techniques. Impacts of such characteristics and techniques on function, performance, and quality. Laboratory course. Graded on A-F basis only.

*Credit Hours: 3*

**T_A_M 2280: Apparel Production**
Introduction to sewn products industry applications in which students assemble sample garments and products on industrial equipment. Order of operations is emphasized and industry specific software is introduced. Graded on A-F basis only.

*Credit Hours: 4*

*Prerequisites or Corequisites: T_A_M 1200 and T_A_M 2200*

**T_A_M 2281: Advanced Apparel Production**
An intermediate apparel products course focused on the integration of the apparel industry applications with industrial sewing equipment. Order of operations is expanded upon to ensure apparel production methods, including proper seam and stitch use, are applied. Prerequisites: Permission based only: Review of student portfolio demonstrating advanced sewing skills.

*Credit Hour: 1*

**T_A_M 2300: Retail Finance and Merchandise Control**
Emphasizes assortment and financial planning utilizing computer applications in the retail environment. Math Reasoning Proficiency Course.

*Credit Hours: 3*

*Prerequisites: T_A_M 1300 or MRKTNG 3000; MATH 1100 with a C- or above*

*Recommended: computer familiarity*

**T_A_M 2380: Integrated Apparel Design and Production I**
A beginning apparel product development course integrating pattern-making, apparel assembly decision-making and materials selection. Graded on A-F basis only.

*Credit Hours: 3*

*Prerequisites: C- or above in T_A_M 2280 or instructor's consent*

**T_A_M 2400: Global Consumers**
This course uses consumer behavior and cultural frameworks, integrated with critical and creative thinking processes to develop global perspective that is sensitive to diverse consumers’ needs and preferences for products and services in the global marketplace. Graded on A-F basis only.

*Credit Hours: 3*

**T_A_M 2480: Apparel and Textile Presentation Techniques**
Apparel and textile presentation processes. Introduction to a range of traditional and innovative presentation techniques using various media. Graded on A-F basis only.

*Credit Hours: 3*

*Prerequisites or Corequisites: T_A_M 2280*

**T_A_M 2500: Social Appearance in Time and Space**
An investigation of the motives and meanings that individuals negotiate through the use of dress in presenting themselves as players in complex social contexts. The emphasis is on cross-cultural, historical, and contemporary settings.

*Credit Hours: 3*

*Prerequisites: ENGLSH 1000*

**T_A_M 2500W: Social Appearance in Time and Space - Writing Intensive**
An investigation of the motives and meanings that individuals negotiate through the use of dress in presenting themselves as players in complex social contexts. The emphasis is on cross-cultural, historical, and contemporary settings.

*Credit Hours: 3*

*Prerequisites: ENGLSH 1000*

**T_A_M 2520: History of Western Dress**
Surveys the history of Western dress from prehistory through the 18th Century.

*Credit Hours: 3*
Prerequisites: ENGLSH 1000

T_A_M 2520W: History of Western Dress - Writing Intensive
Surveys the history of Western dress from prehistory through the 18th Century.
Credit Hours: 3
Prerequisites: ENGLSH 1000

T_A_M 2580: Digital Textile and Apparel Applications
Use of computer aided design technology to create designs for textiles and apparel. Includes portfolio development. Graded on A-F basis only.
Credit Hours: 3
Prerequisites or Corequisites: C- or above in T_A_M 2480 or instructor's consent

T_A_M 2600: Moral and Ethical Issues in the Global Fashion Supply Chain
This course discusses moral and ethical issues in the global fashion supply chain and explores potential solutions for a more sustainable future. Topics include moral and ethical issues related to fiber and textile production, apparel design, manufacturing, and distribution, retailing, and consumption.
Credit Hours: 3

T_A_M 3010: Think Global: Fundamentals of Globalization and Digital Technologies
(same as GERMAN 3510, PEA_ST 3510, JOURN 3510). This interdepartmental course serves as one of the core seminars for students pursuing the undergraduate Certificate in Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. The course is open to students in any discipline. Graded on A-F basis only.
Credit Hours: 3

T_A_M 3010H: Think Global: Fundamentals of Globalization and Digital Technologies - Honors
(same as GERMAN 3510H, JOURN 3510H, PEA_ST 3510H). This interdepartmental course serves as the introductory seminar for students pursuing the Certificate of Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives.
Credit Hours: 3
Prerequisites: Honors eligibility required. Restricted to non-Journalism students. Journalism students should enroll in Journalism sides of this course

T_A_M 3010HW: Think Global: Fundamentals of Globalization and Digital Technologies - Writing Intensive
(same as GERMAN 3510H/3510HW, JOURN 3510H/3510HW). This interdepartmental course serves as the introductory seminar for students pursuing the Certificate of Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives.
Credit Hours: 3
Prerequisites: Honors eligibility required. Restricted to non-Journalism students. Journalism students should enroll in Journalism sides of this course

T_A_M 3200: Softgoods Quality Evaluation
Examination and evaluation of fabric and apparel structures with emphasis on principles of advanced textile performance and quality analysis. Includes end-use characteristics; price/quality relationships; textile and apparel product standards and specifications; and standard test methods to evaluate comfort, performance, and function of sewn products. Graded on A-F basis only.
Credit Hours: 3
Prerequisites: T_A_M 2200

T_A_M 3300: Retail and Merchandising Analysis
This course provides an opportunity to apply the concepts of merchandise planning, financial control, and promotions to real life buying situations. It will employ a problem-based learning approach. Graded on A-F basis only.
Credit Hours: 3
Prerequisites: T_A_M 2300

T_A_M 3380: Integrated Apparel Design and Production II
An intermediate apparel product development course integrating pattern-making, apparel assembly decision-making and materials selection. Graded on A-F basis only.
Credit Hours: 3
Prerequisites: C- or above in T_A_M 2380 or instructor's consent

T_A_M 3480: Technical Design
Technical product development for the global sewn products industry. Graded on A-F only basis.
Credit Hours: 3
Prerequisites: T_A_M 3200
Prerequisites or Corequisites: C- or above in T_A_M 3380

T_A_M 3520: 19th and 20th Century Western Dress
A study of nineteenth and twentieth century Western dress as influenced by time, place, and culture. Graded on A-F basis only.
Credit Hours: 3
Prerequisites: ENGLSH 1000. Restricted to Textile and Apparel Management majors only
T_A_M 3520W: 19th and 20th Century Western Dress - Writing Intensive
A study of nineteenth and twentieth century Western dress as influenced by time, place, and culture. Graded on A-F basis only.
Credit Hours: 3
Prerequisites: ENGLSH 1000

T_A_M 3700: Omnichannel Retailing in the Digital World
Assessing the integration of various retail channels and developing omnichannel strategies. Graded on A-F basis only.
Credit Hours: 3
Prerequisites or Corequisites: T_A_M 1300
Recommended: junior standing

T_A_M 3800: Retail Entrepreneurship
This course covers the fundamental principles and practices of retail entrepreneurship. Students will learn how to identify opportunities, analyze the competitive marketplace, and propose new retail entrepreneurial business ventures for both online and offline environments. Graded on A-F basis only.
Credit Hours: 3

T_A_M 3939: Case Studies in the Fashion Industry
This class provides opportunities for students to engage in real-life problem solving in the fashion industry by preparing materials for national case competitions, industry challenges, and scholarship opportunities. Specifically, this course focuses on mentoring students to submit professional reports, prepare for successful oral presentations, and getting the resumes and cover letters ready for various interviews settings. The course is virtual, and incorporates both group presentations and discussions, and individual mentorship. Graded on A-F basis only.
Credit Hour: 1-2

T_A_M 4000: Digital Marketing Strategies for Fashion
(cross-leveled with T_A_M 7000). This course develops an understanding of digital marketing strategies and provides executional considerations when fashion companies perform marketing plans within digital channels. Students will utilize analytical and critical thinking skills as they apply the latest technologies to develop integrated marketing strategies across various digital platforms. Graded on A-F basis only.
Credit Hours: 3
Prerequisites: T_A_M 3700

T_A_M 4001: Topics in Textiles and Apparel Management
Selected current topics in field of interest.
Credit Hour: 1-3
Prerequisites: Instructor's consent

T_A_M 4085: Problems in Textiles and Apparel Management
Selected current problems in field of interest.
Credit Hour: 1-3
Prerequisites: instructor's consent

T_A_M 4087: Seminar in Textiles and Apparel Management
Reports and discussion of recent work in area of concentration.
Credit Hour: 1-3

T_A_M 4110: Global Sourcing
(cross-leveled with T_A_M 7110). Global sourcing refers to how and where manufactured goods or components will be procured. In today's global softgoods industry, sourcing has become a major competitive strategy for both manufacturers and retailers. Graded on A-F basis only.
Credit Hours: 3
Recommended: junior standing

T_A_M 4300: Softgoods Brand Management and Promotion
(cross-leveled with T_A_M 7300). This course addresses how to build, measure, and manage brands specifically in the softgoods industry. It also covers the strategic implications of developing brand equity toward increasing customer loyalty.
Credit Hours: 3
Recommended: junior standing

T_A_M 4400: The Clothing/Textile Consumer: Data Analytics
Analyzes the effects of economic, social and marketing factors on the consumption process in the age of big data.
Credit Hours: 3
Prerequisites: T_A_M 1300 or MRKTNG 3000
Recommended: 3 hours of statistics

T_A_M 4480: Creativity and Problem Solving
Exploration of the creative process and sources of inspiration. Emphasis on research, design development for a variety of markets. Graded on A-F basis only.
Credit Hours: 3
Prerequisites or Corequisites: T_A_M 3380

T_A_M 4549: International Experiential Learning in Textiles and Apparel
International experience of textile and apparel management, including visitation of foreign industries, government agencies, and cultural/historical sites. Destination may vary. Course may be repeated up to 3 times. Graded on S/U basis only.
Credit Hour: 1-3
Prerequisites: instructor's consent; Minimum GPA of 2.5

T_A_M 4600: Digital Merchandising
(cross-leveled with T_A_M 7600). A comprehensive overview of the quickly evolving world of digital merchandising across all electronic channels, with an emphasis on textiles and apparel. Students will explore the architecture and functionality of websites, mobile apps, and social media, and the successful techniques being utilized to optimize sales and profits. Graded on A-F basis only.
Credit Hours: 3
Prerequisites or Corequisites: T_A_M 3700
Prerequisites: T_A_M 2300
T_A_M 4810: Case Studies in an Inter/Multicultural World
(same as GERMAN 4810, PEA_ST 4810). This inter-departmental course examines the ways in which people across the globe are affected every day by an unprecedented array of linkages that defy geographic and political boundaries. Also serves as one of the seminars for the certificate in Digital Global Studies. Graded on A-F basis only.

Credit Hours: 3

T_A_M 4949: Field Training in Textiles and Apparel Management
Practical aspects of internship experience coordinated with the university curriculum. Available for various areas of emphasis. Students may have up to 3 hours for any one internship experience and with a total maximum of 6 hours.

Credit Hour: 1-3
Prerequisites: 2.5 GPA, T_A_M 2120, instructor's consent, and necessary prerequisite for area of emphasis

T_A_M 4960: Readings in Textiles and Apparel Management
Selected current readings in field of interest.

Credit Hour: 1-3
Prerequisites: instructor's consent

T_A_M 4980: Apparel Production Management
Integration of consumer, trend and aesthetic research to develop and produce a competitive apparel product line using a multifunctional team approach. Graded on A-F basis only.

Credit Hours: 4
Prerequisites or Corequisites: T_A_M 3480 or T_A_M 4480
Prerequisites: C- or above in T_A_M 3380; T_A_M 2120

T_A_M 4990: Retail Marketing and Merchandising
(cross-leveled with T_A_M 7990). Analytical management techniques appropriate for evaluation of retailing productivity. Emphasis on the use of these techniques and others in the development of a comprehensive retail marketing strategy.

Credit Hours: 3
Prerequisites or Corequisites: T_A_M 2300, ACCTCY 2036 or ACCTCY 2026 or ACCTCY 2010, MRKTNG 3000
Prerequisites: T_A_M 2120

T_A_M 4998: Experiential Learning in Textiles and Apparel
This course is designed to provide students with hands-on-experiences in the softgood industry. The purpose is to link classroom learning to business cultural centers, museums, workshops, and/or service learning opportunities achieved through experiential study. Additional field study fees might be applicable, depending on experience. May be repeated for credit. Graded on S/U basis only.

Credit Hour: 1-3
Prerequisites: instructor's consent and minimum GPA of 2.5

T_A_M 7000: Digital Marketing Strategies for Fashion
(cross-leveled with T_A_M 4000). This course develops an understanding of digital marketing strategies and provides executional considerations when fashion companies perform marketing plans within digital channels. Students will utilize analytical and critical thinking skills as they apply the latest technologies to develop integrated marketing strategies across various digital platforms. Graded on A-F basis only.

Credit Hours: 3

T_A_M 7001: Topics in Clothing and Textiles
Selected current topics in field of interest.

Credit Hour: 1-3
Prerequisites: Instructor’s consent

T_A_M 7085: Problems in Clothing and Textiles
Selected current readings in field of interest.

Credit Hour: 1-3
Prerequisites: Instructor’s consent

T_A_M 7087: Seminar in Clothing and Textiles
Reports and discussion of recent work in area of concentration.

Credit Hour: 1-3
Prerequisites: Instructor’s consent

T_A_M 7110: Global Sourcing
Global sourcing refers to how and where manufactured goods or components will be procured. In today's global softgoods industry, sourcing has become a major competitive strategy for both manufacturers and retailers.

Credit Hours: 3
Prerequisites: T_A_M 3110 or T_A_M 9100

T_A_M 7300: Branding
(cross-leveled with T_A_M 4300). This course addresses how to build, measure, and manage brands specifically in the softgoods industry. It also covers the strategic implications of developing brand equity toward increasing customer loyalty.

Credit Hours: 3

T_A_M 7600: Digital Merchandising
(cross-leveled with T_A_M 4600). A comprehensive overview of the quickly evolving world of digital merchandising across all electronic channels, with an emphasis on textiles and apparel. Students will explore the architecture and functionality of websites, mobile apps, and social media, and the successful techniques being utilized to optimize sales and profits. Graded on A-F basis only.

Credit Hours: 3

T_A_M 7980: Softgoods Product Development
Integration of consumer, trend and aesthetic research to develop and produce a competitive apparel product line using a multi-functional team approach.

Credit Hours: 3
Prerequisites: T_A_M 3480 or T_A_M 4480

T_A_M 7990: Retail Marketing and Merchandising
(cross-leveled with T_A_M 4990). Analytical management techniques appropriate for evaluation of retailing productivity. Emphasis on the use
of these techniques and others in the development of a comprehensive retail marketing strategy.

Credit Hours: 3
Prerequisites or Corequisites: T_A_M 2300, ACCTCY 2036 or ACCTCY 2026 or ACCTCY 2010, MRKTNG 3000
Prerequisites: T_A_M 2120

T_A_M 7999: Experiential Learning in Textiles and Apparel
Investigation of the complex interaction of manufacturing, marketing, and merchandising in the apparel industry, achieved through instructional and experiential study. Includes international or domestic study trip. Graded on A-F basis only.
Credit Hour: 1-3

T_A_M 8000: Readings in Textiles and Apparel Management
Readings in recent research material in textiles and/or clothing.
Credit Hour: 1-3
Prerequisites: Instructor's consent

T_A_M 8001: Topics in Clothing and Textiles
Selected current topics in field of interest.
Credit Hour: 1-3
Prerequisites: Instructor's consent

T_A_M 8085: Problems in Textiles and Apparel Management
Selected current readings in field of interest.
Credit Hour: 1-3
Prerequisites: Instructor's consent

T_A_M 8087: Seminar in Clothing and Textiles
Reports and discussion of recent work in area of concentration.
Credit Hour: 1-3
Prerequisites: Instructor's consent

T_A_M 8090: Research in Textiles and Apparel Management
Independent research leading to a thesis. Report required. Graded on S/U basis only.
Credit Hour: 1-12
Prerequisites: Instructor's consent

T_A_M 8130: Supply Chain Management in the Global Softgoods Industry
This course examines supply chain management strategies to gain a competitive advantages in the global softgoods industry.
Credit Hours: 3

T_A_M 8190: Survey of Research in Textile and Apparel Management
A survey of current research in textiles and apparel management. Underlying theory, research design and empirical techniques will be analyzed and critiqued.
Credit Hours: 3
Prerequisites: hours in Statistics and 3 hours in Research Methods

T_A_M 8960: Readings in Clothing and Textiles
Readings in recent research material in textiles and/or clothing.
Credit Hour: 1-3
Prerequisites: Instructor's consent

T_A_M 9001: Topics in Clothing and Textiles
Selected current topics in field of interest.
Credit Hour: 1-3
Prerequisites: Instructor's consent

T_A_M 9085: Problems in Textiles and Apparel Management
Selected current readings in field of interest.
Credit Hour: 1-3
Prerequisites: Instructor's consent

T_A_M 9087: Seminar in Clothing and Textiles
Reports and discussion of recent work in area of concentration.
Credit Hour: 1-3
Prerequisites: Instructor's consent

T_A_M 9090: Research in Textiles and Apparel Management
Independent research leading to dissertation. Graded on a S/U basis only.
Credit Hour: 1-20
Prerequisites: Instructor's consent

T_A_M 9190: Theory Development and Evaluation in Textile and Apparel Research
This class examines and analyzes extant theories in textiles and apparel research in systemic manner to be able to construct new theories. Graded on A-F basis only.
Credit Hours: 3

T_A_M 9960: Readings in Clothing and Textiles
Readings in recent research material in textiles and/or clothing.
Credit Hour: 1-3
Prerequisites: Instructor's consent