

# APPAREL, MERCHANDISING AND DESIGN (A M D)

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**Any experimental courses offered by A M D can be found at:**

[registrar.iastate.edu/faculty-staff/courses/explistsings/](http://registrar.iastate.edu/faculty-staff/courses/explistsings/) (<http://www.registrar.iastate.edu/faculty-staff/courses/explistsings/>)

**Courses primarily for undergraduates:**

## **A M D 120: Apparel Construction Techniques**

(3-0) Cr. 3. SS.

Assemble components and completed garments with the use of basic sewing equipment. Learn basic construction techniques, applications and vocabulary. Students will need access to a home sewing machine, iron, computer and the internet. Not available for credit for A M D majors.

## **A M D 121: Apparel Assembly Processes**

(2-4) Cr. 4. F.S.

*Prereq: A M D 204 concurrent recommended*

Principles of garment and textile-related product assembly taught using industrial machines and production equipment. Construction techniques build in complexity in the development, assembly, and analysis of component parts and complete garments.

## **A M D 131: Fashion Products and Markets**

(3-0) Cr. 3. F.

Fashion industry from concept to consumer. Focus on fashion-driven consumer goods. Development and prototyping of fashion products for a target market.

## **A M D 165: Dress, Appearance, and Diversity in U.S. Society**

(3-0) Cr. 3. F.S.

Examination of dress and appearance practices and experiences of marginalized identities and communities in the United States. Introduction to fashion- and dress-related theories, culture and identity concepts, and social justice concepts and issues in regards to dress, appearance, and fashion in the fashion industry. Meets U.S. Diversity Requirement

## **A M D 178: Introduction to Apparel Design Studio**

(1-4) Cr. 3. F.S.

Introduction to the elements and principles of design in fashion and apparel including skill development in fashion illustration, technical drawing, and fabric rendering using traditional media. Application of written and verbal presentations to communicate fashion and apparel design concepts and terminology. Fashion presentation and introduction to portfolio development.

## **A M D 204: Textile Science**

(3-2) Cr. 4. F.S.

*Prereq: A M D 131*

Textile fibers, yarns, fabrication, coloration, and finishes. Quality and performance application to textile products. Lab work included.

## **A M D 206: Design Selective Advancement**

Cr. R. Repeatable, maximum of 2 times. F.S.

*Prereq: Completion or enrollment in A M D 121, A M D 131, A M D 165, A M D 178, and A M D 204 with subset 2.5 GPA, 2.0 cumulative GPA (including transfer work), and enrollment in major*

Project review and skill assessment related to 2-dimensional and 3-dimensional visualization, apparel assembly, basic product knowledge, design problem solving, illustration, textiles. Grade point averages are part of scoring process. Offered on a satisfactory-fail basis only.

## **A M D 210: Computer Applications in Digital Design**

(2-2) Cr. 3. F.S.

*Prereq: A M D 245*

Applications of skills in Photoshop, Illustrator, InDesign, Google Sketch-up, Excel, and website development. Introduction to digital product design and line development. Focus on elements and principles of design. Introduction to digital portfolio development for design and merchandising. In-class demonstrations and online lectures.

## **A M D 225: Patternmaking I: Drafting and Flat Pattern**

(1-4) Cr. 3. F.S.

*Prereq: A M D 121, A M D 204, A M D 206. Permission of instructor.*

Application of patternmaking tools and their functions, measurement techniques, pattern labeling, and patternmaking communication documents. Sloper drafting and flat pattern manipulation methods for women's apparel. Design and construction of original garments using drafted slopers and flat pattern manipulation methods to enable the analysis of fit.

## **A M D 231: Product Development and Manufacturing**

(3-2) Cr. 4. F.S.

*Prereq: A M D 204*

Analysis of apparel product development, sourcing, and manufacturing processes. Focus on materials and specifications relative to quality, performance, cost, and price. Applications of software for PLM.

## **A M D 245: Aesthetics and Brand Image**

(3-0) Cr. 3. F.S.

*Prereq: A M D 131, A M D 165, A M D 204 or concurrent*

Elements and principles of design. Analysis of sensory, expressive, and symbolic aspects that build brand image, with a focus on fashion products and promotional settings.

**A M D 257: Museum Studies**

(3-0) Cr. 3. F.

*Prereq: Sophomore standing*

Overview of museums including history, functions, and philosophy. Collection and curatorial practices. Funding and governance issues. Hands-on object research and exhibit development. Required field trip.

**A M D 275: Retail Merchandising**

(3-0) Cr. 3. F.S.

*Prereq: 3 credits in Math*

Principles of merchandising as applied to retail-, service-, events-, and hospitality-related businesses. Study of the planning, development, and presentation of apparel- and hospitality-related products, services, and experiences. Industry and market research, planning of new offerings, and development of promotional and competitive strategies for various retail formats.

**A M D 278: Fashion Illustration**

(0-6) Cr. 3. F.S.

*Prereq: A M D 178, A M D 210 or concurrent enrollment, A M D 245 or concurrent enrollment. Permission of instructor.*

Development of fashion plates and focused apparel lines/collections. Proficiency in drawing the fashion figure, technical drawings/flats, and apparel using a variety of media. Continuation of fashion presentation and portfolio development.

**A M D 290: Independent Study**

Cr. 1-2. Repeatable, maximum of 4 credits. F.S.SS.

*Prereq: Freshmen or Sophomore Classification; Permission of instructor, advisor, and department chair.*

Independent study on topics of special interest to the student, facilitated by approved faculty member. Total number of A M D 290 and A M D 490 credits applied to graduation cannot exceed 9 credits.

**A M D 290R: Independent Study: Professional Practice**

Cr. 1-2. Repeatable, maximum of 4 credits. F.S.SS.

*Prereq: Freshmen or Sophomore Classification; Permission of instructor, advisor, and department chair.*

Experiences in teaching assistantship for first-year and second-year students. Total number of A M D 290 and A M D 490 credits applied to graduation cannot exceed 9 credits.

**A M D 305: Quality Assurance of Textiles and Apparel**

(Dual-listed with A M D 505). (2-2) Cr. 3. F.

*Prereq: A M D 204, A M D 231, one course in natural science; STAT 101, or STAT 226, or STAT 587*

Principles of product and materials evaluation and quality assurance. Developing specifications and using standard practices for evaluating materials, product characteristics, performance, and quality.

**A M D 310: Computer Aided Apparel Patternmaking**

(0-6) Cr. 3. F.S.

*Prereq: A M D 210, A M D 225; Permission of instructor.*

Introduction to the computer-aided patternmaking software related to pattern modification, pattern drafting, grading, marker making, and 3-D virtual fitting.

**A M D 321: Computer Integrated Textile and Fashion Design**

(0-6) Cr. 3. F.S.

*Prereq: A M D 210, A M D 278 or concurrent enrollment. Permission of instructor*

Analysis and advanced use of computer-aided design software for soft-good fabrication design for various target markets. Development of digital presentation for portfolio integration.

**A M D 325: Patternmaking II: Draping**

(0-6) Cr. 3. F.S.

*Prereq: A M D 206, A M D 225; permission of instructor.*

Principles of patternmaking through basic draping techniques on industry standard body forms. Apparel design through analysis of fit and design; problem solving and interaction of fabric characteristics with style features.

**A M D 328: Apparel, Merchandising, and Design Seminar**

Cr. 1-3. Repeatable. F.S.SS.

Focus on artisanal textile, apparel, or surface and structural design techniques. Design processes for specialty fabrics and markets. Topics vary by term. Maximum of 6 credits can be applied toward graduation.

**A M D 328T: Apparel, Merchandising, and Design Seminar: Fashion Trend Forecasting**

Cr. 1-3. F.S.

Focus on artisanal textile, apparel, or surface and structural design techniques. Design processes for specialty fabrics and markets. Topics vary by term. Maximum of 6 credits can be applied toward graduation.

**A M D 328Y: Apparel, Merchandising, and Design Seminar: Styling**

Cr. 1-3.

Focus on artisanal textile, apparel, or surface and structural design techniques. Design processes for specialty fabrics and markets. Topics vary by term. Maximum of 6 credits can be applied toward graduation.

**A M D 329: Digital Textile Printing for Apparel Design**

(2-2) Cr. 3. F.S.

*Prereq: A M D 321; A M D 325 or concurrent. Permission of instructor*

Overview of the use of digital printing in the textile and apparel industry, color matching, repeat print patterns, engineered prints, and creation of apparel prototypes.

**A M D 354: Fashion History I: Prehistoric to Mid-19th Century**

(3-0) Cr. 3. F.

*Prereq: 3 credits from Hist or Art H*

Survey of history of dress from ancient times up to the American Civil War; focus on European and North American dress. Emphasis on connection of dress to the social, cultural, environmental, and technological contexts of the Western world.

Meets International Perspectives Requirement.

**A M D 356: Fashion History II: Mid-19th Century to the Present**

(3-0) Cr. 3. S.

*Prereq: 3 credits HIST or ART H; A M D 204 recommended.*

Survey of major design and technological developments from the American Civil War through the present. Emphasis on fashion as a system of design and production, culture of consumption, fashion change, and trends in art, society, and culture.

**A M D 362: Cultural Perspectives of Global Dress**

(3-0) Cr. 3. S.

*Prereq: A M D 165 or 3 credits in anthropology, psychology, or sociology.*

Analysis of multiple factors related to dress in selected societies, including technology, cultural identity, aesthetics, social organization, ritual, stability and change. Applications to fair trade and social responsibility.

Meets International Perspectives Requirement.

**A M D 372: Sourcing and Global Issues**

(3-0) Cr. 3. F.S.

*Prereq: A M D 231, A M D 275; ECON 101 or ECON 102 recommended*

Evaluation of key issues facing textile and apparel industries in global markets considering ethical, economic, political, social, and professional implications. Sourcing strategies in a global environment. Corporate and consumer social responsibility and sustainability.

Meets International Perspectives Requirement.

**A M D 375: Omni-Channel Retailing**

(3-0) Cr. 3. S.

*Prereq: 3 credits in marketing or A M D 275 or AESHM 287*

A customer-centric view of marketing with a focus on the retailer-customer relationship and omni-channel strategies. Analysis and evaluation of integrated retail applications and strategies using digital media, including store formats, e-commerce, catalog, mobile, crowdsourcing, and social media.

**A M D 376: Merchandise Planning and Buying**

(3-2) Cr. 4. F.S.

*Prereq: A M D 275; COM S 113; 3 credits from ACCT 284, MATH 104, MATH 105, MATH 140, MATH 150, or equivalent.*

Calculations and computer application in the planning and control of merchandise. Emphasis on retail math as it pertains to assortment planning, the six-month buying plan process, and other buying concepts and strategies. Online modules.

**A M D 377: Visual Presentation and Promotions**

(3-0) Cr. 3. F.S.

*Prereq: A M D 245 or AESHM 342; A M D 210, AESHM 340 or MKT 340*

Principles of visual aspects of brand development and management; emphasis on branding, visual merchandising, design/layout of retail spaces. Includes applications such as visual communication and documentation using Adobe Creative Suite(R), hands-on display projects, and brand case studies.

**A M D 393: Apparel, Merchandising, and Design Workshop**

Cr. 1-3. Repeatable, maximum of 6 credits. F.S.SS.

*Prereq: A M D Junior or Senior Classification and Permission of Instructor.*

Intensive 2- to 8-week workshop exploration. Topics vary each time offered. Maximum of 6 credits applied to graduation.

**A M D 404: Innovative Textiles**

(Dual-listed with A M D 504). (2-2) Cr. 3. S.

*Prereq: A M D 204, CHEM 163 and CHEM 163L or equivalent*

Theories and principles of textile science. Textile product serviceability. Effect of fiber structure on properties and performance. New developments in textiles.

**A M D 415: Technical Design Processes**

(2-2) Cr. 3. F.

*Prereq: A M D 225; A M D 231*

Garment development and analysis of fit, performance, quality, cost. Exploration of alternative materials, construction methods, grading; specifications and portfolio development.

**A M D 426: Creative Design Processes**

(1-4) Cr. 3. S.

*Prereq: A M D 206, A M D 321, A M D 325 or concurrent*

Exploration of the creative process and sources of inspiration with emphasis on wearable art; experimentation of advanced design problem solving, alternative materials, fabric manipulation, and pattern-making techniques.

**A M D 431: Apparel Production Management**

(2-2) Cr. 3. S.

*Prereq: A M D 231; A M D 121 recommended; A M D 372 or concurrent.*

Procedures and experiences related to application and use of process controls: method analysis, work measurement, costing, pricing, and production planning. Resource management, technology applications, and quality assurance.

**A M D 457: Textile Conservation and Collection Management**

(Dual-listed with A M D 557). (3-0) Cr. 3. Alt. F., offered irregularly. Alt. S., offered irregularly.

*Prereq: A M D 204*

Condition assessment, repair, and stabilization of textiles and apparel in museum collections. Dry and aqueous cleaning. Examination of storage and exhibition techniques, materials, and conditions. Experience with cataloging and management practices.

**A M D 458: Queer Fashions: History, Culture, and the Industry**

(Dual-listed with A M D 558). (Cross-listed with WGS, WGS). (3-0) Cr. 3. S.

*Prereq: A M D 165; or 3 credits in Women's and Gender Studies or Sociology; or permission of instructor*

Focus on analyzing the dressed and undressed body of individuals in the queer community in various cultural contexts with a focus on material culture. Disentangle concepts related to gender and sexuality and the changing definitions and representations of individuals who identify in the queer community focusing on appearance, fashion, and the body. Historic and current representations of fashion, styles, and appearances will be analyzed and discussed. Attention to how sexuality and gender intersect with and/or shape other identities including race, ability, body size, and class. Examine the complex structures, systems, and ideologies that uphold discrimination and unequal distribution of power and resources as related to the course material. Attention will mostly be given to North American perspectives. We will use material culture to explore how objects related to fashioning the body reveal stories about the owners and consumers.

**A M D 467: Consumer Studies in Apparel and Fashion Products**

(3-0) Cr. 3. F.

*Prereq: A M D 165; AESHM 340 or MKT 340; STAT 101 or STAT 104 or STAT 226;*

Application of concepts and theories from the social sciences to the study of consumer behavior related to dress, textile and apparel products, and retail experiences. Experience in conducting consumer research.

**A M D 475: Retail Information Analysis**

(2-2) Cr. 3. F.S.

*Prereq: A M D 376*

Evaluation of information needed to make effective retail decisions. Use of technology in analyzing and interpreting retail systems data. Application of concepts related to forecasting, consumer demand, assortment planning, market research, data mining, database interface, pattern recognition, supply-chain/logistics management, retail technology applications.

**A M D 490: Independent Study**

Cr. arr. Repeatable. F.S.SS.

*Prereq: 6 credits in A M D. Permission of the instructor, advisor, and department chair*

Independent Study. Maximum of 9 credits of both A M D 290 and A M D 490 can be applied toward graduation.

**A M D 490A: Independent Study: Textile Science**

Cr. arr. Repeatable. F.S.SS.

*Prereq: 6 credits in A M D. Permission of the instructor, advisor, and department chair*

**A M D 490B: Independent Study: Historical, Cultural, and Museum Studies of Dress and Textiles**

Cr. arr. Repeatable. F.S.SS.

*Prereq: 6 credits in A M D. Permission of the instructor, advisor, and department chair*

**A M D 490C: Independent Study: Textile and Apparel Design**

Cr. arr. Repeatable. F.S.SS.

*Prereq: 6 credits in A M D. Permission of the instructor, advisor, and department chair*

**A M D 490E: Independent Study: Merchandising, Aesthetics, and Entrepreneurship**

Cr. arr. Repeatable. F.S.SS.

*Prereq: 6 credits in A M D. Permission of the instructor, advisor, and department chair*

**A M D 490F: Independent Study: Sociological, Psychological, and Consumer Behavioral Aspects of Dress**

Cr. arr. Repeatable. F.S.SS.

*Prereq: 6 credits in A M D. Permission of the instructor, advisor, and department chair*

**A M D 490H: Independent Study: Honors**

Cr. arr. Repeatable. F.S.SS.

*Prereq: 6 credits in A M D. Permission of the instructor, advisor, and department chair*

**A M D 490J: Independent Study: Product Development, Innovation, and Sourcing**

Cr. arr. Repeatable. F.S.SS.

*Prereq: 6 credits in A M D. Permission of the instructor, advisor, and department chair*

**A M D 490R: Independent Study: Professional Practice**

Cr. arr. Repeatable, maximum of 2 times. F.S.SS.

*Prereq: 6 credits in A M D. Permission of the instructor, advisor, and department chair.*

**A M D 490S: Independent Study: Production and Quality Assurance**

Cr. arr. Repeatable. F.S.SS.

*Prereq: 6 credits in A M D. Permission of the instructor, advisor, and department chair*

**A M D 490W: Independent Study: Fashion Show, Fashion Public Relations and Marketing**

Cr. arr. Repeatable. F.S.SS.

*Prereq: Prereq: 6 credits in A M D. Permission of the instructor, advisor, and department chair*

**A M D 495: Senior Design Studio**

(Dual-listed with A M D 595). (0-6) Cr. 3. F.

*Prereq: A M D 310, A M D 325 and A M D 329. Permission of instructor.*

Creation of an apparel line from target market research to prototypes through the use of manual techniques and CAD technologies. The line is to be included in a professional portfolio and pieces submitted to a juried exhibition.

**A M D 496: Soft-Goods Product Development and Prototyping**

(3-0) Cr. 3. S.

*Prereq: A M D 231, A M D 245, A M D 275, A M D 321*

Capstone soft-good innovative product development course focusing on product development through design thinking and practice. Applying consumer, aesthetic, and quantitative trend information to develop value-added soft-good products and product lines for diverse target markets. Integrated course with industry partner(s) with development of a prototype and presentation for portfolio integration.

**A M D 499: Undergraduate Research**

Cr. 1-3. Repeatable. F.S.SS.

*Prereq: Senior classification, 15 credits in A M D. Permission of instructor, advisor, and department chair*

Research experience in textiles and clothing with application to a selected problem.

**Courses primarily for graduate students, open to qualified undergraduates:**

**A M D 504: Innovative Textiles**

(Dual-listed with A M D 404). (2-2) Cr. 3. S.

*Prereq: A M D 204, CHEM 163 and CHEM 163L or equivalent*

Theories and principles of textile science. Textile product serviceability. Effect of fiber structure on properties and performance. New developments in textiles.

**A M D 505: Quality Assurance of Textiles and Apparel**

(Dual-listed with A M D 305). (2-2) Cr. 3. F.

*Prereq: A M D 204, A M D 231, one course in natural science; STAT 101, or STAT 226, or STAT 587*

Principles of product and materials evaluation and quality assurance. Developing specifications and using standard practices for evaluating materials, product characteristics, performance, and quality.

**A M D 510: Foundation of Scholarship in Apparel, Merchandising, and Design**

(3-0) Cr. 3. F.

*Prereq: Graduate classification or permission of instructor*

Overview of scholarship in apparel, merchandising, and design with emphasis on current and future directions. Fundamentals of writing literature reviews. Examination of ethical issues in scholarship and academic life. Introduction to creativity, sustainability, and entrepreneurship.

**A M D 521: Digital Technologies in Textile and Apparel**

(3-0) Cr. 3. Alt. F., offered odd-numbered years.

*Prereq: Research Methods course. Permission of instructor.*

Digital technologies in textile and apparel design. Theories and practices connected to technology in apparel fields. Technologies explored in this class may include digital textile design and printing, 3D body scanning, avatar development for digital fitting or other advanced technologies used in the textile and apparel industries.

**A M D 525: Experimental Patternmaking**

Cr. 3. Alt. F., offered even-numbered years.

*Prereq: AMD 121 or equivalent, AMD 225 or equivalent, AMD 510 or taking concurrently, permission of instructor*

Research, analyze, and apply experimental patternmaking techniques to original garments suitable for entry into a juried competition/exhibitions. Compare, contrast, and organize a framework of research patternmaking principles through content analysis or other appropriate research techniques. Documentation of learning and design process.

**A M D 539: Digital Textile Design and Theory**

Cr. 3. Repeatable. Alt. S., offered even-numbered years.

Focus on artisanal textile, apparel, or surface and structural design techniques. Design processes for specialty fabrics and markets. Topics vary by term.



**A M D 545: Consumer Experience and Retail Branding**

(3-0) Cr. 3. Alt. S., offered even-numbered years.

*Prereq: One course in design elements and principles, psychology, consumer behavior, or marketing*

Examination of hedonic nature of consumer experience and its application to experiential design and branding of retail/hospitality establishments. Emphasis on consumer behavior, environmental psychology, and marketing literature.

**A M D 554: Dress History Research Methods**

Cr. 3. Alt. S., offered odd-numbered years.

Using a variety of sources and methods of analysis, students will develop their ability to read and interpret primary and secondary sources and to understand the methodology underpinnings and process of constructing dress history.

**A M D 557: Textile Conservation and Collection Management**

(Dual-listed with A M D 457). (3-0) Cr. 3. Alt. F., offered irregularly. Alt. S., offered irregularly.

*Prereq: A M D 204*

Condition assessment, repair, and stabilization of textiles and apparel in museum collections. Dry and aqueous cleaning. Examination of storage and exhibition techniques, materials, and conditions. Experience with cataloging and management practices.

**A M D 558: Queer Fashions: History, Culture, and the Industry**

(Dual-listed with A M D 458). (3-0) Cr. 3. S.

*Prereq: A M D 165; or 3 credits in Women's and Gender Studies or Sociology; or permission of instructor*

Focus on analyzing the dressed and undressed body of individuals in the queer community in various cultural contexts with a focus on material culture. Disentangle concepts related to gender and sexuality and the changing definitions and representations of individuals who identify in the queer community focusing on appearance, fashion, and the body. Historic and current representations of fashion, styles, and appearances will be analyzed and discussed. Attention to how sexuality and gender intersect with and/or shape other identities including race, ability, body size, and class. Examine the complex structures, systems, and ideologies that uphold discrimination and unequal distribution of power and resources as related to the course material. Attention will mostly be given to North American perspectives. We will use material culture to explore how objects related to fashioning the body reveal stories about the owners and consumers.

**A M D 565: Sustainability: Theory and Practical Application**

(3-0) Cr. 3. Alt. S., offered odd-numbered years.

*Prereq: 3 credits in research methods; basic knowledge of apparel industry and product development; permission of instructor.*

Overview of current sustainability theory, research, and methodology. Emphasis on the evaluation and discussion of current sustainability literature and sustainable practice of apparel, textiles, and related products and services through people, processes, and the environment. Development and presentation of original scholarly and creative design work under various sustainability frameworks.

**A M D 567: Consumer Behavior and Apparel**

(3-0) Cr. 3. Alt. F., offered odd-numbered years.

*Prereq: A M D 467 or MKT 447; STAT 401*

Application of concepts and theories from the social sciences to the study of consumer behavior. Experience in conducting research; manuscript writing.

**A M D 572: Sourcing and Global Issues**

(3-0) Cr. 3. Alt. S., offered odd-numbered years.

*Prereq: A course in merchandising, marketing, or economics*

Evaluation of textile and apparel industries in global markets considering ethical, economic, political, social, and professional implications. Sourcing strategies in a global environment. Corporate and consumer social responsibility and sustainability. Experience in conducting research using secondary data.  
Meets International Perspectives Requirement.

**A M D 576: Industry Applications in Merchandising and Management**

(3-0) Cr. 3. Alt. S., offered even-numbered years.

*Prereq: A M D 376 or equivalent; A M D 275 or equivalent; or permission of instructor*

Using the case study method, students apply merchandising theory, principles, and practices to industry scenarios. Emphasis on problem solving, creative thinking, data analysis, and data interpretation involved in business operations. Focus on the development of leadership skills while functioning in small and large groups.

**A M D 577: E-Commerce for Apparel and Hospitality Companies**

(3-0) Cr. 3. Alt. F., offered even-numbered years.

*Prereq: Course in marketing or permission of instructor*

Analysis of technology and consumer trends, industry practices, and marketing strategies for e-commerce including big data, data mining, and social media. Evaluation and development of apparel or hospitality company websites. Theory application to the development of multi-channel business strategies.

**A M D 590: Special Topics**

Cr. arr. Repeatable.

*Prereq: Permission of director of graduate education, advisor, and instructor(s)*

Individually designed A M D-related projects that reflect the special interests of the student.

**A M D 590A: Special Topics: Textile Science**

Cr. arr. Repeatable.

*Prereq: Permission of director of graduate education, advisor, and instructor(s)*

Individually designed A M D-related projects that reflect the special interests of the student.

**A M D 590B: Special Topics: Historical, Cultural, and Museum Studies of Dress and Textiles**

Cr. arr. Repeatable.

*Prereq: Permission of director of graduate education, advisor, and instructor(s)*

Individually designed A M D-related projects that reflect the special interests of the student.

**A M D 590C: Special Topics: Textile and Apparel Design**

Cr. arr. Repeatable.

*Prereq: Permission of director of graduate education, advisor, and instructor(s)*

Individually designed A M D-related projects that reflect the special interests of the student.

**A M D 590E: Special Topics: Merchandising, Aesthetics, and Entrepreneurship**

Cr. arr. Repeatable.

*Prereq: Permission of director of graduate education, advisor, and instructor(s)*

Individually designed A M D-related projects that reflect the special interests of the student.

**A M D 590F: Special Topics: Sociological, Psychological, and Consumer Behavioral Aspects of Dress**

Cr. arr. Repeatable.

*Prereq: Permission of director of graduate education, advisor, and instructor(s)*

Individually designed A M D-related projects that reflect the special interests of the student.

**A M D 590J: Special Topics: Product Development, Innovation, and Sourcing**

Cr. arr. Repeatable. F.S.SS.

*Prereq: Permission of director of graduate education, advisor, and instructor(s)*

Individually designed A M D-related projects that reflect the special interests of the student.

**A M D 590S: Special Topics: Production and Quality Assurance**

Cr. arr. Repeatable. F.S.SS.

*Prereq: Permission of director of graduate education, advisor, and instructor(s)*

Individually designed A M D-related projects that reflect the special interests of the student.

**A M D 590W: Special Topics: Fashion Show, Fashion Public Relations and Marketing**

Cr. arr. Repeatable. F.S.SS.

*Prereq: Permission of director of graduate education, advisor, and instructor(s)*

Individually designed A M D-related projects that reflect the special interests of the student.

**A M D 595: Senior Design Studio**

(Dual-listed with A M D 495). (0-6) Cr. 3. F.

*Prereq: A M D 310, A M D 325 and A M D 329. Permission of instructor.*

Creation of an apparel line from target market research to prototypes through the use of manual techniques and CAD technologies. The line is to be included in a professional portfolio and pieces submitted to a juried exhibition.

**A M D 599: Creative Component**

Cr. arr. Repeatable.

*Prereq: 9 graduate credits in A M D*

**Courses for graduate students:****A M D 611: Seminar**

Cr. 1-3. Repeatable.

*Prereq: 6 graduate credits in A M D. Permission of instructor*

Discussion of scholarship and current issues. Topics vary.

**A M D 625: Design Theory and Process**

(2-4) Cr. 4. Alt. S., offered even-numbered years. Alt. SS., offered even-numbered years.

*Prereq: Permission of instructor.*

Analysis and application of design theory and creative processes, including strategies for solving aesthetic, functional, and/or technology-focused design problems. Creation and dissemination of design scholarship.

**A M D 665: Social Science Theories of Appearance**

(3-0) Cr. 3. Alt. S., offered odd-numbered years.

*Prereq: 6 credits in sociology or psychology*

Analysis of social science theories and concepts applicable to appearance research. Emphasis on qualitative research and philosophy of knowledge, including postmodern, symbolic interaction, semiotic, and feminist theories. Collection and analysis of qualitative data.

**A M D 676: Merchandising Theory and Research Applications**

(3-0) Cr. 3. Alt. F., offered even-numbered years.

*Prereq: A M D 275 or equivalent; statistics course recommended.*

Review of current merchandising theory, research, and methodology. Emphasis on the evaluation and discussion of current and seminal merchandising literature, understanding research processes, interpretation of findings, assessing implications of research for future directions in merchandising, and the development and presentation of original scholarly work.

**A M D 690: Advanced Topics**

Cr. arr. Repeatable.

*Prereq: Enrollment in doctoral program, permission of instructor; and approval of D.O.G.E*

**A M D 699: Research**

Cr. arr. Repeatable.