APPAREL AND   ATD
TEXTILE DESIGN

Department of Art, Art History, and Design
College of Arts and Letters

111  Basic Apparel Structuring
Fall, Spring. 1(0-2) RB: Basic garment construction skills.
Fundamentals of apparel structuring. Students enrolled in the course may complete the course requirements by passing a competency exam.

121  Explorations in Apparel and Textile Design
Fall, Spring. 3(0-6) P: (STA 110 and STA 113 and STA 114) and (STA 111 or STA 112) SA: HED 121
Art and design fundamentals applied to apparel design. Visual communication of design ideas through apparel and textile rendering. Design process, fashion theory, fabrication and exploration of two- and three-dimensional designing.

222  Structuring, Couture and Tailored Garments
Fall. 4(0-8) P: ATD 111 and (ATD 121 or concurrently) RB: Basic apparel construction. SA: HED 222
Advanced methods of garment assembly and fabric handling. Creative application of assembly techniques; tailoring and couture methods.

231  Textile Materials
Fall, Spring. 4(4-0) R: Not open to freshmen. SA: HED 231
Formation and properties of fibers, yarns, structure, finish, color and design of fabrics. Textile specification and selection for end-use performance.

323  Apparel Pattern Design
Fall, Spring. 4(0-8) P: ATD 222 and (ATD 121 or concurrently) RB: Basic apparel construction, textile materials, and pattern drafting. SA: HED 323
Pattern design from standard templates and body measurements. Introduction to design studio environment. Creation of original designs.

325  Design by Draping
Spring. 4(0-8) P: (ATD 111 or ATD 222) and (ATD 121 and ATD 231 and ATD 323) RB: Basic apparel construction, textile materials, and pattern drafting. SA: HED 325
Execution of original designs by fabric manipulation on a form. Evaluation of fit, drape, and balance.

332  Textile Design
Fall, Spring, 4(0-8) P: (ATD 111 or ATD 222) and (ATD 121 and ATD 231) RB: Basic apparel construction, textile materials, and pattern drafting R: Not open to freshmen. SA: HED 323
Textile design technology for surface design, knit and woven fabric development. Design organization, elements and principles.

335  Design Development and Presentation
Fall, Spring. 4(0-8) P: (ATD 111 or ATD 222) and ATD 121 RB: (ATD 222 and ATD 332) and basic computer knowledge.
Technological exploration and creation of designs, technical drawings, storyboard presentations, and electronic portfolio.

423  Design Methods and Approaches
Fall. 4(0-8) P: ATD 323 RB: Basic construction, pattern design, and draping.
Research and execution of original apparel design across a variety of platforms and experimental approaches.

423S  Senior Project in Design Methods and Approaches
Fall. 3(0-6) RB: Basic construction, pattern design, and draping R: Open to seniors in the Apparel and Textile Design major. Approval of department. C: ATD 423 concurrently.
Intensive research project focused on conceptual issues in design.

424  Specialized Design
Spring. 4(0-8) P: ATD 323 RB: Basic construction, pattern design, and draping. SA: HED 424
Critical use of the design process for specialized end-use. Mass market design principles. Problem-solving and conflict management in a professional team context. Project report strategies.

424S  Senior Project in Specialized Design
Spring. 3(0-6) RB: Basic construction, pattern design, and draping R: Open to seniors in the Apparel and Textile Design major. Approval of department. C: ATD 424 concurrently.
Intensive research project focused on design for specialized end-use.

426  History of Dress and Textiles
Fall, Spring. 3(5-0) R: Not open to freshmen or sophomores. SA: HED 426
History of dress and textiles as a reflection of the cultural milieu.

427  Knitwear Design
Fall. 4(0-8) A student may earn a maximum of 8 credits in all enrollments for this course. P: ATD 323 RB: Basic construction, pattern design and draping.

427S  Senior Project in Knitwear Design
Fall. 3(0-6) RB: Basic construction and pattern design R: Open to seniors in the Apparel and Textile Design major. Approval of department. C: ATD 427 concurrently.
Intensive research project focused on knitwear design.

428  Design Studio
Spring. 4(0-8) A student may earn a maximum of 8 credits in all enrollments for this course. P: ATD 323 RB: Apparel construction, pattern design, and draping.
Execution of original apparel designs for a collection and exhibition.

428S  Senior Project in Design Studio
Spring. 3(0-6) RB: Apparel construction, pattern design, and draping R: Open to seniors in the Apparel and Textile Design major. Approval of department. C: ATD 428 concurrently.
Intensive research project focused on individual collections and exhibition of design.

ATD—Apparel and Textile Design

430  Dress, Culture and Human Behavior
Spring. 3(3-0) R: Not open to freshmen or sophomores.
Dress as an expression of self and reflection of society and global cultures. Effect of dress on human behavior at the personal, interpersonal, and social organizational levels.

431  Global Context for Sustainable Design
Fall. 3(3-0) R: Not open to freshmen or sophomores. SA: HED 431

439  Portfolio Development and Exhibition (W)
Fall. 3(3-0) P: (ATD 323) and completion of Tier I writing requirement R: Open to juniors or seniors. SA: HED 439
Apparel and textile design philosophies, roles and ethics. Professional portfolio and exhibition(s). Capstone course.

490  Independent Study
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Not open to freshmen or sophomores. Approval of department. SA: HED 490 Independent study of selected topics in apparel and textile design.

490H  Honors Independent Study
Fall, Spring, Summer. 1 to 10 credits. A student may earn a maximum of 10 credits in all enrollments for this course. R: Open to students in the Honors College. Approval of department. SA: HED 490H
Independent study of selected topics in apparel and textile design.

491A  Special Topics in Apparel
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 9 credits in all enrollments for this course. R: Not open to freshmen or sophomores. Approval of department. Special topics supplementing regular course offerings.

491AS  Senior Project in Special Topics: Apparel
Fall, Spring. 3(0-6) RB: Apparel construction, pattern design, and draping R: Open to seniors in the Apparel and Textile Design major. Approval of department. C: ATD 491A concurrently.
Intensive research project focused on individual apparel design.

491T  Special Topics in Textiles
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 9 credits in all enrollments for this course. R: Not open to freshmen or sophomores. Approval of department. Special topics supplementing regular course offerings.

491TS  Senior Project in Special Topics: Textiles
Fall, Spring. 3(0-6) RB: Basic textile design R: Open to seniors in the Apparel and Textile Design major. Approval of department. C: ATD 491T concurrently.
Intensive research project focused on individual textile design.
Internship in Apparel and Textiles
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. RB: ATD 323 and ATD 332 R: Not open to freshmen or sophomores. Approval of department. SA: HED 493B
Pre-professional experience in a selected business, industry, or community organization.