**APPAREL AND TEXTILE DESIGN—ATD**

**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. 
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, Spring. 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) 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. 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 222 and ATD 231 and (ATD 323 or concurrently) 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) RB: (ATD 231 and ATD 335) and Basic apparel construction, textile materials, and pattern drafting R: Not open to freshmen. SA: HED 232  
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 121 RB: (ATD 222 and ATD 332) and Understanding of how to use a personal computer and web browsers. Technological exploration and creation of designs, technical drawings, storyboard presentations, and electronic portfolio.

**Design Methods and Approaches**  
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. Research and execution of original apparel design across a variety of platforms and experimental approaches.

**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.

**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.

**History of Dress and Textiles**  
Fall, Spring. 3(3-0) SA: HED 426  
History of dress and textiles as a reflection of the cultural milieu.

**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. Fundamentals of knitwear design. Patternmaking and assembly techniques for cut-and-sew and full-fashion knitwear.

**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.

**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.

**Design Methods and Approaches**  
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. Research and execution of original apparel design across a variety of platforms and experimental approaches.

**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.

**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.

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

**Portfolio Development and Exhibition (W)**  
Fall, Spring. 3(3-0) P: (ATD 323) and completion of Tier I writing requirement RB: ATD 335 R: Open to juniors or seniors. SA: HED 439  
Independent study of selected topics in apparel and textile design. Professional portfolio and exhibition(s). Capstone course.

**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.

**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.

**Special Topics in Apparel**  
Fall. 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.

**Special 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.

493  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.