College of Arts and Letters

121 Apparel I: Two-Dimensional Design
Fall, 3(1-4) P:M: CSE 101 or concurrently R: Open to undergraduate students in the Apparel and Textile Design major or approval of department. Design fundamentals and creative problem solving in apparel design. Visual communication of design ideas through apparel rendering, and computer graphics.

222 Apparel II: Introduction to Three-Dimensional Design
Spring, 3(0-6) P:M: HED 121 RB: Garment construction skills. R: Open to undergraduate students in the Apparel and Textile Design major or approval of department. Garment structuring. Pattern development using two-dimensional and three-dimensional styling techniques.

231 Textile Materials

232 Textile Design
Fall, Spring, 3(1-4) P:M: HED 121 and HED 231 R: Not open to freshmen. Textile surface design, knit and woven fabric development, and computer-aided textile design.

323 Apparel III: Advanced Three-Dimensional Design
Fall, 4(1-6) P:M: HED 222 and IDES 240 Structural principles and computer-aided design applications for apparel designers.

424 Apparel IV: Functional Design
Spring, 3(3-0) P:M: (HED 231 and HED 323) and completion of Tier I writing requirement. Apparel design to meet specialized needs.

425 Apparel V: Design Studio
Spring, 3(0-6) A student may earn a maximum of 6 credits in all enrollments for this course. P:M: HED 232 and HED 323 RB: HED 424 or concurrently. Execution of original apparel designs in appropriate end use fabric.

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

430 Dress, Culture, and Human Behavior
Fall, 4(4-0) R: Not open to freshmen or sophomores. SA: HED 420 Dress as an expression of self and reflection of society and culture. Effect of dress on human behavior at the personal, interpersonal, and social organizational levels in Western and non-Western societies.

431 Ecology of the Global Textile and Apparel Complex
Fall, 3(3-0) R: Not open to freshmen or sophomores. Softgoods industry. U.S. and global patterns of production, distribution, and consumption of textiles and apparel. Employment practices and international trade policy. Natural resource use and ecological consequences.

439 The Developing Professional in Apparel and Textiles
Spring, 4(4-0) P:M: (HED 323) and completion of Tier I writing requirement. R: Open to seniors in the Apparel and Textile Design major. Roles, ethics, and reflective practice of a professional in apparel and textiles. Resource identification, information retrieval, professional communication, and conflict management. Problem-solving in a professional team context. Capstone course.

454 Design Communication Methods
Fall, Spring, Summer, 3(1-4) P:M: HED 240 and HED 250 Technical methods and techniques for communicating design concepts.

456 Interior Design Preservation and Conservation
Fall, 3(2-2) R: Open only to seniors in the Interior Design major or to master's students in the Interior Design and Facilities Management major. The interior design component of the preservation movement. Historic restoration and adaptive reuse.

458 Housing from a Human Ecological Perspective
Spring, 3(3-0) R: Not open to freshmen or sophomores. Impact of housing on human beings and families. Psychological and cultural dimensions. Financial and policy factors.

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. Supervised individual study in an area of human environment and design.

490H Honors Independent Study
Fall, Spring, 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. Independent study of selected topics in human environment and design.

493B Internship in Apparel and Textile Design
Fall, Spring, Summer, 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. P:M: HED 323 R: Approval of department. Preprofessional experience in a selected business, industry, or community organization.

801 Research Literature in Human Environment and Design
Fall, 3(3-0) R: Open to graduate students. Investigation into literature in areas of study in human environment and design. Introduction to graduate research.

816 Environmental Design Theory
Fall, 3(3-0) Interdepartmental with Horticulture and Landscape Architecture and Park, Recreation and Tourism Resources. Administered by Landscape Architecture. RB: Undergraduate design degree recommended. Differences between normative theories, scientific theories, models, and constructs. Exploration of normative theories related to thesis or practicum.

817 Environmental Design Studio
Spring, 3(0-6) Interdepartmental with Horticulture and Landscape Architecture and Park, Recreation and Tourism Resources. Administered by Landscape Architecture. RB: Undergraduate design degree. Development of a student-selected environmental design project in a collaborative setting.

821 Dress and Environmental Settings as Nonverbal Communication
Spring of odd years, 3(3-0) Theory and research on dress and environmental settings as aspects of nonverbal communication. Visual cues, associated meanings, and responses. Methodological and ethical issues in applications.

826 Material Culture
Fall, 3(3-0) Artifacts of clothing, textiles, and interiors as evidence of material culture. Research, analysis, and interpretations of history, craftsmanship, and use of artifacts to determine function and meaning within a culture.

831 Analysis of Clothing Theory
Spring of even years, 3(3-0) RB: HED 801 Theories in clothing from behavioral, ecological, cultural, developmental, and aesthetic perspectives.

840 Design Analysis and Programming
Spring of even years, 3(3-0) RB: HED 841 Design, facilities management, building construction, and professional team context. Capstone course.

842 Facilities Performance and Building Economics
Fall of odd years, 3(3-0) R: Open to graduate students. Human performance criteria as design requirements in facilities planning and management.

844 Facilities Project Management
Spring of even years, 3(3-0) RB: HED 841 R: Open to graduate students. Application of project management approaches to facilities design and management. Techniques, computer applications, project team building, and change management.

845 Facility Management: Theory and Principles
Fall, 3(3-0) RB: Experience in interior design, facilities management, building construction management, business, architecture, or engineering. Theory of facility management as it relates to long range and master planning, space forecasting, planning and management, design-build cycle, project management, managing the design team, standards, justifying budgets and project estimating, major procurement, and specifying, and ordering. It is offered using web-based technology.
Human Environment and Design—HED

883 Environmental Design Seminar
Fall. 3(3-0) Interdepartmental with Horticulture and Landscape Architecture and Park, Recreation and Tourism Resources. Administered by Landscape Architecture. RB: Undergraduate design degree.
Examination of the breadth of environmental design projects. Literature review of focused projects. Development of practicum or thesis proposals.

890B Supervised Independent Study in Apparel and Textiles
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 9 credits in all enrollments for this course. R: Open to graduate students. Approval of department. Independent study in topics related to apparel design, historic costume and textiles, museum collections, or human behavior, and ecological relations.

890C Supervised Independent Study in Interior Design and Human Environment
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 9 credits in all enrollments for this course. R: Open only to graduate students. Approval of department. Independent study in topics related to facilities design and management, human shelter, or interior design preservation and conservation.

891B Topics in Apparel and Textiles
Fall, Spring, Summer. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. R: Open to seniors in the Apparel and Textile Design major. Selected topics related to apparel design, historic costume and textiles, museum collections, or human behavior, and ecological relations.

891C Topics in Interior Design and Human Environment
Fall, Spring. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course. R: Open only to seniors and graduate students in Merchandising Management, Interior Design and Human Environment, and Apparel and Textiles. Selected topics related to facilities design and management, human shelter, or interior design preservation and conservation.

893C Internship in Interior Design and Human Environment.
Fall, Spring. 2 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to graduate students. Approval of department. Supervised internship in a professional setting in facilities design and management, human shelter, or interior design preservation and conservation.

898 Master's Project
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open to graduate students in the College of Arts and Letters. Master's degree Plan B project. Participation in a project in apparel and textiles, interior design and human environment, or merchandising management.

899 Master's Thesis Research
Fall, Spring, Summer. 1 to 7 credits. A student may earn a maximum of 20 credits in all enrollments for this course. R: Open to graduate students in the College of Arts and Letters. Master's thesis research.

999 Doctoral Dissertation Research
Fall, Spring, Summer. 1 to 36 credits. A student may earn a maximum of 36 credits in all enrollments for this course. Doctoral dissertation research.