

HES - HUMAN ENVIRONMENTAL SCI (HES)

HES 100. Introduction to Human Sciences, Hospitality, and Design. (1 Credit)

Human sciences, hospitality, and design as areas of study. Integrating concepts from the concentrations of child development, culinary arts, family and consumer sciences, food service management, hospitality management, interior design, merchandising, and therapeutic nutrition. Focus on preparing for a successful educational experience within the HSHD department. Course fee: \$30.00. (Fall)
Course Fees: \$30

HES 101. Development of Interpersonal and Relationship Skills. (3 Credits)

The central purpose of this course is to help students develop the skills necessary to be effective in relationships of all types. These can include interactions with your roommates, friends, lovers, co-workers, neighbors, and even your professors. Platonic or romantic. Across all ages and types of people.

HES 199. Service Learning. (3 Credits)

This course is designed to introduce students to Service Learning through the integration of academic learning about local, national, and global issues with service work addressing those concerns. Approval of supervising department required. (Offered upon sufficient demand.)

HES 201. Adolescent Development. (3 Credits)

The purpose of the course is to focus on the development of youth from pre-adolescence to late adolescence and emerging adulthood. Development in the physical, cognitive, and social-emotional domains are discussed. Topics related to developmental contexts are examined using a variety of methods.

HES 212. Creative Experiences for Young Children. (3 Credits)

The purpose of the course is to help parents and teachers develop an understanding of creative experiences for young children (birth to age five). The environment, activities, and techniques for helping children explore, discover, and practically apply creative problem-solving through the creative arts will be examined. Special fee: \$30.00.
Course Fees: \$30

HES 230. Culinary Math. (3 Credits)

Introduction to principles of culinary computations. Foundational knowledge of principles and techniques for calculating the cost of producing and serving food items and pricing to be profitable.

HES 241. Textile Product Analysis. (3 Credits)

Units on basic construction techniques; wardrobe analysis, pattern selection, and garment construction; selection of ready-to-wear, from a buyer's viewpoint; pattern alteration and fitting. Two class periods; one 2-hour laboratory period per week. Special fee: \$30.00. (Fall)
Course Fees: \$30

HES 244. Exceptional Learners Birth to Age Five. (3 Credits)

The purpose of the course is to introduce students to the development of diverse learners, focusing on young children (birth to age five). The personal, relational, and educational needs of diverse learners are discussed. The impact of family, school, and community are examined.

HES 251. Introduction to Nutrition. (4 Credits)

This course will enable students to apply basic nutritional concepts to personal, everyday life by introducing them to the study of foods, the nutrients and other chemical components in foods, the actions and interactions of foods and their chemical components in the body, the influence of culture on food selection, and the influence of foods on health and disease.

Course Fees: \$30

HES 261. Introduction to Interior Design. (3 Credits)

An overview of the profession of interior design; professional organizations, industry leaders, history and practice of interior design, introduction to color theory and to the principles and elements of design. (Fall, Summer)

HES 262. Child Development. (3 Credits)

The development of children from the prenatal stage to age six years is studied. Materials and experiences to foster development in the areas of social, emotional, physical, and cognitive are presented. Field experiences are part of the learning process. (Fall, odd-numbered years, Spring, Summer)

HES 264. Technical Drawing I. (3 Credits)

Introduction to the principles of technical drawing for the creation of construction documents, hand-drafting, and computer aided design. Two 2.5-hour studios per week. Course fee: \$30.00. (Fall, Spring upon sufficient demand)
Course Fees: \$30

HES 274. Space Planning. (3 Credits)

Principles and application of space planning for residential and non-residential design. Two 2.5 hour studios per week. Prerequisite: HES 264. Special Fee: \$30.00. (Spring)
Course Fees: \$30

HES 301. Parents, Schools, & Communities. (3 Credits)

The purpose of this course is to focus on the history of family/school collaboration, current issues and population trends affecting American Schools and communities, diverse family structures, and techniques for establishing connections with parents and encouraging involvement with their child's learning. Prerequisite: HES 362 or PY 344.

HES 310. Construction Technology. (3 Credits)

Principles of the construction process, building materials, specification, and construction document creation. This course will emphasize contemporary trends in residential and commercial construction with considerable focus on different building types, on energy efficient and high performance building. Two three-hour studios per week. Course fee: \$30.00. (Spring)
Course Fees: \$30

HES 312. Creative Arts for Children. (3 Credits)

To help the teacher of children develop an understanding of process and product in the creative arts. The learning setting, activities, and techniques for helping children explore, discover, and practically apply creative problem-solving through the creative arts will be studied. Also listed as ECE 312 but creditable only in field for which registered. Special fee: \$30.00.
Course Fees: \$30

HES 320. Historic Costume. (3 Credits)

The development of costume from Ancient Egypt to present. Emphasis will be on knowledge of fashion influences of past and present as a tool for making fashion predictions. (Fall, odd-numbered years)

HES 321. Merchandising. (3 Credits)

Principles, practices, and organization of fashion merchandising; job descriptions and responsibilities at the management level; financial and control functions; process of fashion innovation, variables of fashion affecting production, and distribution of consumer goals. (Fall)

HES 322. Visual Presentation I. (3 Credits)

Development of visual communication skills in the promotion of products for both the interiors and merchandising industries. Emphasis on visual display and selling techniques, special events, and other promotional activities. (Spring)

HES 323. Materials and Codes. (3 Credits)

Provides knowledge and selection of materials and finishes appropriate in residential and non-residential application. Fire, health and safety codes, accessibility guidelines, as well as durability, maintenance, and life cycle costs will be discussed. Prerequisite: HES 310. (Spring)

HES 324. Visual Communication I. (3 Credits)

Development of communication and presentation skills utilizing various visual media techniques. Application of computer aided design software for creation of interior design projects. Prerequisite: HES 264. Course fee: \$30.00. (Spring)
Course Fees: \$30

HES 325. Social and Cultural Aspects of Clothing. (3 Credits)

An exploration of the sociological, economical, psychological, and cultural aspects of dress. (Fall, even-numbered years)

HES 340. Textile Global Sourcing. (3 Credits)

A study of global sourcing examines this crucial function in the textile and apparel industries, providing practical insight into both how and why global sourcing is pursued. Topics include step-by-step global sourcing procedures and explores the theoretical, political, economic, social, and environmental implications of global sourcing decisions with an emphasis on sustainability. (Spring, odd-numbered years)

HES 341W. Textiles and Materials. (3 Credits)

Consumer oriented study of textiles emphasizing fibers, yarns, fabric, dyeing, printing, finishing, care, and serviceability for apparel and the interior environment. Knowledge of testing standards and legislation concerning apparel and interiors. Prerequisite: EN 111, and EN 112. (Spring, even-numbered years)

HES 343. Technical Drawing II. (3 Credits)

Development of presentation techniques for interior design, plan and elevation studies, three-dimensional drawings, and renderings. Application of computer aided design software for interior design documentation creation. Two 2.5 hour studios per week. Prerequisites: HES 264. Course fee: \$30.00. (Fall)
Course Fees: \$30

HES 344. Intro to Students with Dis. (3 Credits)

A survey course in the education of students with disabilities. This course provides information on the various disabilities and facilitates an understanding of the basic special education services and adaptations provided to individuals with disabilities and students who are culturally different. Also listed as EEX 340 but creditable only in field for which registered.

HES 345. Digital Visualization for Interior Design. (3 Credits)

Develop ability to use imaging software, learn to improve digital techniques for color presentation and integrating various media. Graphic design principles will be emphasized. Through the exploration of digital media each student will discover a higher level of creativity and self-expression through exercises that transform the written word into visual message. Two 2.5-hour studios per week. Prerequisites: HES 264 and HES 343. Course fee: \$30.00. (Spring)
Course Fees: \$30

HES 354. Lighting and Mechanical Systems. (3 Credits)

Analysis and application of lighting and mechanical systems to both residential and nonresidential spaces. Review of codes, specifications, and energy efficiency related to light and mechanical systems. Two 2.5-hour studios per week. Prerequisites: HES 264, and HES 274. Course fee: \$30.00. (Fall)
Course Fees: \$30

HES 359. Special Course. (1-6 Credits)

Course number reserved for special courses offered from time to time in response to special circumstances. The courses are discipline specific with variable credit and when offered, they are identified by department content and credit.

HES 362. Child Development. (3 Credits)

Human development from the prenatal to kindergarten stage. Consideration of nursery school materials and experiences to foster development. Supervised experiences including participation and home visits. Two class periods, two scheduled participation hours, and one free observation hour per week. (Fall, Spring)

HES 364. Interior Design I. (3 Credits)

Planning and design of interior spaces for residential applications. Technical document creation, project management, design and specification of interior architectural materials and furnishings. Two 2.5-hour studios per week. Prerequisites: HES 264, HES 274, and HES 324. Course fee: \$30.00. (Spring)
Course Fees: \$30

HES 365. Interior Design II. (3 Credits)

Planning and design of interior spaces for non-residential applications. Technical document creation, project management, design and specification of interior architectural materials and furnishings. Two 2.5-hour studios per week. Prerequisites: HES 264, HES 324, and HES 343. Course fee: \$30.00. (Fall)
Course Fees: \$30

HES 366. History of Interior Design. (3 Credits)

This course will focus on major movements, innovations and advancements with emphasis on the development of architecture, design, furniture, and materials from prehistoric to the 20th century. Students apply design language and further examine societal, political, historical, and economical influences. Impact of historic preservation on local economics and sustainable efforts is examined. (Spring)

HES 367. Interior Design III. (3 Credits)

A comprehensive study of complex non-residential interior design problems, including advanced space planning, specification, budgets, and presentation techniques. Two 2.5-hour studios per week. Prerequisite: HES 365. Course fee: \$30.00. (Spring, odd-numbered years)
Course Fees: \$30

HES 369. Special Course. (1-6 Credits)

Course number reserved for special courses offered from time to time in response to special circumstances. The courses are discipline specific with variable credit and when offered, they are identified by department content and credit.

HES 370. Language and Literacy Development in Young Children. (3 Credits)

This course focuses on how language and literacy develop in young children through play, meaningful communication, literature, and laned learning experiences.

HES 372. Methods and Materials for Young Children. (3 Credits)

This course emphasizes child-centered teaching across the curriculum. A variety of developmentally appropriate methods and materials are presented in course content.

HES 375. Management and Economic Problems for the Consumer. (3 Credits)

Increased consumer competence through management of family resources, including standards and labeling in buying, advertising, credit, savings, investment, insurance, and taxes; emphasis on governmental protection and consumer values. (Spring)

HES 389. On-Campus Internship. (3 Credits)**HES 399. Service Learning. (1-6 Credits)****HES 400. Senior Semeinar. (3 Credits)**

Preparation to enter the job market. Emphasis placed on personal branding, industry research, resumes, portfolio development, and presentation techniques. (Fall, Spring)

HES 401. Family Life Education. (3 Credits)

The purpose of the course is to increase students' understanding of the unique issues that children, youth, and families face and to help them to identify and apply appropriate research-based curricula that will help improve the quality of life of the families they serve. Students will become familiar with how to identify quality researchbased programs, establish program goals, implement quality family life education programs, and evaluate programs for effectiveness. Also listed as HES 401. Prerequisite: SO/WS 223 – Marriage & Family AND 3 additional credits of a CFLE approved course.

HES 405. Parenting Strategies. (3 Credits)

The purpose of the course is to each strategies that promote effective parenting, such as communication skills, guidance techniques, and positive discipline. The emphasis is on building skills, providing support, and helping parents understand the needs and abilities of children across each stage of development. Prerequisite: HES 362 or PY 344.

HES 427. Internship. (6 Credits)

Approved off-campus experience with select businesses or studios under joint faculty and management supervision. Students may enroll in Internship two times. The first opportunity will be at the completion of 59 hours. Prerequisite: must be a junior or senior; approval of instructor. (Summer)

HES 441. Advanced Clothing. (3 Credits)

Couture techniques and problem fabrics; construction of a designer garment; commercial skills such as mass production, and managing a sewing laboratory. Two class periods; one 2-hour laboratory period per week. Prerequisites: HES 241, 341. Special fee: \$30.00. (Offered on sufficient demand)

Course Fees: \$30

HES 443. Family Development. (3 Credits)

The structure and function of the family, its interaction with other societal institutions, and the effect on all family members; student assessment of special concerns of all aspects of parenthood related to the care, development, and discipline of children. (Fall)

HES 450. Retail Buying. (3 Credits)

The study of buyer's responsibilities in the fashion industry; includes buying philosophies, merchandising math, simulated exercises that mimic real-life buying responsibilities, research of new market and clothing trends, projected sales, stock requirements and mark-downs, and development of a merchandise plan and factors to increase sales of a department.

HES 451. Special Topics in Design History. (1-3 Credits)

Detailed examination of areas relating to design history including architecture, interior design, historic preservation, adaptive reuse, and sustainability of the built environment. Topic will be announced prior to the scheduling of the class. A special fee may be required according to the topic and course content. This course may be taken a maximum of 6 semester hours of credit. (Offered on sufficient demand)

HES 459. Research in Design. (1 Credit)

Research techniques as they relate to the design process. Preparation for the Senior Studio course project. Prerequisite: HES 367. (Fall)

HES 460. Administration of Programs for Young Children. (3 Credits)

This course focuses on establishing and managing a successful program for young children. Points of emphasis include Policies and Procedures, Supervision and Staff Development, Health and Safety, Managing Facilities and Equipment, and Finances and Marketing.

HES 461. Interior Design Professional Practices. (3 Credits)

Overview of business practices and principles in the profession of interior design, including management, client, and contractor relationships, project management, proposal writing, and market resourcing.

HES 462. Family and Consumer Sciences in the School and Community. (3 Credits)

The relationship of family and consumer sciences to the school and community, including the underlying philosophies and objectives of teaching family and consumer sciences; development and organization of family and consumer sciences, with emphasis on the Alabama program; exploration and development of materials and methods for implementing the family and consumer sciences program. (Offered on sufficient demand)

HES 463. Home and Family Management. (3 Credits)

Management of time, energy, money, and other resources to meet needs in individual and family living; application through supervised laboratory, personal, and community eperiences including helping families meet the needs of the elderly. Two class periods; one 2-hour laboratory period per week. Prerequisites: HES 343, 353, 375. Special fee: \$30.00. (Offered on sufficient demand)

Course Fees: \$30

HES 464. Interior Design IV. (3 Credits)

Advanced concepts of specialized commercial interior design projects, with emphasis on sustainability in hospitality, health care, and institutional or other specialized commercial design projects. Two 2.5-hour studios per week. Prerequisite: HES 367. Course fee: \$30.00. (Fall)

Course Fees: \$30

HES 465. Senior Interior Design Studio. (3 Credits)

Advanced concept of specialized Interior Design project with emphasis on healthcare design, institutional design, or design for special populations. Two 2.5-hour studios per week. Prerequisites: HES 459 and HES 464. Course fee: \$30.00. (Spring)
Course Fees: \$30

HES 468. Practicum in Child Development. (3 Credits)

A field experience course requiring 45 hours of observation and interaction with young children. The creation of a learning environment for this age group, theories of child development, and the development of appropriate learning activities will be emphasized. Prerequisite: HES 362. (Offered on sufficient demand)

HES 470. Infants and Toddlers. (3 Credits)

The purpose of this course is to introduce students to the field of infant and toddler (i.e., birth to 36 months) childcare. Specifically, students will examine appropriate childcare practices based on a developmental perspective of education.

HES 474. Early Childhood Programs. (3 Credits)

Practical techniques for the teacher of pre-kindergarten and kindergarten children. Emphasis is placed on developmentally appropriate curriculum and program development as well as the needs of the pre-kindergarten and kindergarten child.

HES 479. Continued Enrollment. (1-3 Credits)

HES 497. Special Topics in Human Environmental Sciences. (1-3 Credits)

Detailed examination of a specific topic in the field of human sciences, hospitality, and design. Topic will be announced prior to the scheduling of the class. A special fee may be required according to the topic and course content. This course may be taken a maximum of two times for credit. Prerequisite: departmental approval. (Offered on sufficient demand)

HES 499. Independent Study-Practicum. (1-3 Credits)

Independent study, projects, or field experiences under departmental determination, supervision, and evaluation. Open to majors on approval of department chair. (Offered on sufficient demand)