

- 466. Tourism Planning and Development**
Fall, Spring. 4(4-0) HRI 261.
Tourism resource characteristics, location, and market demand considerations. Analysis of development potential, planning processes and procedures, capital and personnel requirements, and tourism destination developments.
- 472. Design and Layout**
Winter, Spring. 4(4-0) HRI 335.
Conceptualization, design, layout and specification of service industry facilities.
- 473. Operations Research in the Service Industries**
Fall, Spring, Summer of odd-numbered years. 4(4-0) HRI 337, MTA 317.
Application of marketing and operational research techniques to service industry management problems, emphasizing quantitative and analytical decision models designed for specific operations in this field.
- 475. Promotion of Hospitality Services**
Fall, Winter, Spring, Summer of odd-numbered years. 4(4-0) HRI 375.
Advertising, personal selling, sales promotion, merchandising, public relations, and publicity to compete effectively for individual and group sales in the hospitality industry.
- 490. Operational Analysis in the Hospitality Industry**
Fall, Spring. 4(4-0) HRI 405, 800 hours work experience requirement. HRI majors only.
Advanced management concepts, leading to an understanding of decision theory as applied to directed investigation into specific hospitality operations.
- 499. Independent Study**
Fall, Winter, Spring, Summer. 1 to 4 credits. May reenroll for a maximum of 8 credits. Majors and approval of school.
Research in any phase of food, lodging, hospitality, tourism or health facilities operations.
- 811. Policy Formulation and Organization**
Spring. 4(4-0) HRI 875, HRI 888; MGT 806.
Development of goals, objectives and consistent business policies for the creation of dynamic and effective organizations for all phases of service industries.
- 861. Economic Implications of Tourism**
Fall. 4(4-0) EC 860 or concurrently.
Economic, historical, philosophical, psychological, governmental and educational aspects and satisfactions of travel. The promotion of tourism; the business of travel and its relationships to the hospitality industry.
- 875. Innovation in Hospitality Marketing**
Spring. 4(4-0) MTA 805 or concurrently.
Changing environment of the hospitality industry is examined and new developments in marketing are analyzed for potential innovative application in the hospitality sector.

- 888. Financial Management for the Service Industries**
Winter. 4(4-0) AFA 840.
Covers leasing, franchising, tax considerations, planning to meet financial needs from internal sources or from capital markets, management of current and capital assets, including inventories and operational equipment.
- 890. Special Problems**
Fall, Winter, Spring, Summer. 1 to 15 credits. Approval of school.
Opportunity for the outstanding student to engage in-depth analysis of a service industry area of his choice that will result in a positive contribution to the field.
- 896. Problems of the Service Industries**
Winter. 4(4-0) HRI 888 or concurrently.
Formulation of plans based on analysis of situations and trends applying general business principles. Discussion of actual cases with leaders in service industries.
- 898. Facilities Programming**
Fall. 4(4-0)
Application of principles and concepts drawn from many related disciplines to planning and operation of housing and food production systems, utilizing optimum physical and human resources.

**HUMAN ECOLOGY
(COLLEGE OF) HEC**

- 201. Family in Its Near Environment**
(F E 110.) Fall, Winter, Spring. Summer of odd-numbered years. 3(3-0) Sophomores.
Foundations of human ecology are explored using conceptual frameworks of family as ecosystem and human development. Interrelationships of ecosystems which focus on families are examined.
- 301. Management and Decision Making in the Family**
(F E 331.) Fall, Winter, Spring. Summer of even-numbered years. 3(3-0) HEC 201, Juniors.
Presentation of the integrated nature of home management; concerns, values, and goals as reflected in decision making about family resources.
- 401. Human Ecological Approach to Contemporary Issues**
(F E 401.) Fall, Winter, Spring, Summer. 3(3-0) HEC 301, Seniors.
Establishment of interrelationships among the human ecological professions as each profession identifies meaningful but different approaches to issues.

HUMAN ENVIRONMENT AND DESIGN HED

College of Human Ecology

- 143. Design for Living I**
Fall, Winter, Spring. 3(3-0)
Perceptual development including analytical judgement through the study of design, a vital part of the matrix of living. Design components and principles as they relate to the function and ideas in the various phases of man's environment and daily life.
- 144. Design for Living II**
Fall, Winter, Spring. 3(1-4) HED 143.
Use of design elements and application of principles in creative problems and media.
- 152. Principles of Clothing Construction**
Fall, Winter, Spring. 3(2-2)
Principles of clothing construction related to fit, fabric and garment assembling.
- 171. Textiles for Consumers**
Fall, Winter, Spring. 4(3-0)
A programmed sequence develops decision-making abilities in the selection of textile alternatives for various uses. Consumer-oriented concepts of durability, comfort, care and aesthetic appearance are used to evaluate products.
- 201. Contemporary Retail Community**
Fall, Winter, Spring. 3(3-0) Sophomores.
The retail community as it responds with a supply of goods and services to the needs of the consumer.
- 203. Selected Non-Textile and Apparel Merchandise**
Winter, Spring. 3(3-0) HED 143.
Selected non-textile and apparel merchandise as it fulfills consumer needs and expectations.
- 210. Environmental Design: Space, Color and Texture**
Fall, Winter. 3(3-0) HED 144 or approval of department.
Space, color and texture as components of human environment, their effect upon and use by man.
- 211. Environmental Design: Space, Color and Texture—Laboratory**
Fall, Winter. 2(2-0) HED 210 concurrently.
Discussion and demonstration of space, color and texture as components of human environment, their effect upon and use by man.
- 213. Synthesis of Environmental Design Elements**
Winter, Spring. 2(2-0) HED 210.
The synthesis of design elements, space, shape, color and texture, and their organization as they are related to man's near environment.
- 214. Synthesis of Environmental Design Elements—Laboratory**
Winter, Spring. 2(2-0) HED 213 concurrently.
Discussion and demonstration of design elements, space, shape, color and texture, and their organization as they are related to man's near environment.

Descriptions - HUMAN ENVIRONMENT AND DESIGN

of

Courses

- 220. Interior Space Design**
Fall, Winter, Spring, 3(0-6) HED 210 or concurrently.
Basic designing and drawing of interior space in relationship to human needs.
- 221. Interior Color and Texture Design**
Winter, Spring, 3(0-6) HED 220 or concurrently.
The manipulation and development of color and texture as components of environmental space design.
- 222. Basic Interior Design Synthesis**
Spring, 3(0-6) HED 221.
Experimentation and representation of space, color and texture as they relate to environmental interior design.
- 230. History of Interior Design: Ancient to Medieval**
Fall, 3(3-0)
Historical development of furniture, textiles, and the other decorative arts in relation to interior design and architecture from ancient times to medieval.
- 239. Housing Conservation**
Spring, 3(3-0) Interdepartmental with and administered by Agricultural Engineering Technology.
Skills and techniques in conserving, repairing and remodeling existing housing. Structural components of housing and evaluation of housing structure.
- 252. Experimental Clothing Construction**
Winter, Spring, 3(2-2) HED 152 or pass departmental placement examination.
Application of principles of clothing construction with emphasis on fitting, alteration and couturier construction techniques. Experimental execution and evaluation of techniques.
- 254. Contemporary Fashion Analysis**
Fall, Winter, Spring, 3(2-2) HED 143 or approval of department.
Analysis of fashion as evidence of a dynamic relationship between man and his environment; costume as an aesthetic expression, a sociological phenomenon, and a coordinating factor for the consumer market.
- 256. Survey of World Dress**
Fall, Winter, Spring, 3(3-0)
Clothing and its relationship to the physical body, to aesthetic interests of humans, and to societal type. Concepts amplified through cross-cultural case studies.
- 302. Clothing and Textiles Production and Distribution**
(402.) Fall, Winter, 3(3-0) Juniors.
Historical development of the foreign and domestic apparel industries. Present organization of the apparel industry in major foreign markets and primary and regional markets in the United States.
- 320. Interior Design Material and Workroom Practices**
Fall, Spring, 4(3-2) HED 222 or approval of department. Junior Interior Design majors.
The material used to create design in near-environment space and the workroom practices used to accomplish an installation after it has been designed.
- 322. Interior Lighting Design**
Fall, Spring, 3(2-2) HED 213, approval of department. Interdepartmental with the Department of Engineering.
The basic principles and practices of interior design lighting, light control, distribution, quality and quantity of light as it affects man's near environment.
- 324. Interior Perspective and Media**
Fall, Winter, 5(0-10) HED 222 or approval of department. Junior Interior Design majors.
The development of methods for design communication through manipulation of three-dimensional drawings in many media.
- 326. Interior Design Problems**
Winter, Spring, 3(0-6) May reenroll for a maximum of 9 credits. HED 324 or approval of department. Junior Interior Design majors.
Research and analysis of design systems through a broad choice of projects with a strong emphasis on independent development.
- 330. History of Interior Design: Medieval to Rococo**
Winter, 3(3-0) HED 230, approval of department.
Historical development of furniture, textiles, and the other decorative arts in relation to interior architecture from the Medieval to Rococo.
- 332. Human Needs in Housing**
Fall, Winter, Spring, 3(3-0)
Near environment studied as a determinant of individual and family development. Content and discussions focus on interpreting human-environmental relations for the plan and design of housing.
- 353. Design Illustration**
Fall, Spring, 3(0-6) HED 143; HED 222 or HED 254; or approval of department.
Development and display of design ideas through visual means. Exercises intended to stimulate design perception and creativity in design illustration. Survey of philosophies as related to design innovation.
- 355. Design Analysis: Flat Pattern**
Fall, 3(2-2) HED 252 or approval of department.
Garment design achieved by flat pattern methods. Problems include fitting a masterpattern, designing from a block, pattern cutting and garment construction.
- 360. Merchandising I: Apparel and Home Furnishing Accessories**
Winter, Spring, 4(3-1) HED 201, MTA 351, AFA 201.
Decision-making application to the merchandising function. Merchandising mathematics: methods, procedures, and planning of merchandising budgets. Analysis of management information as provided by electronic data processing and other sources.
- 365. Textiles Design**
Fall, Winter, Spring, 3(0-6) HED 143.
Two and three dimensional design as applied specifically to textiles already existent.
- 367. Crafts: Design with Materials**
Fall, Winter, Spring, 3(0-6) HED 143.
Development of creative design and craft techniques for vocational teaching in home economics.
- 371. Advanced Textiles**
Fall, Winter, Spring, 3(3-0) HED 171; Juniors.
Recent developments in fibers and textile products. Chemical and physical properties of fibers, yarns, fabric structures and finishes related to fabric performance.
- 372. Textiles Laboratory**
Fall, Winter, Spring, 1(0-2) HED 171; HED 371 or concurrently; Juniors.
Laboratory experience in textile analysis and evaluation.
- 373. Weaving**
Fall, Winter, Spring, 3(0-6)
Execution of original designs in the different weaving techniques. Warping of looms and the interpretation and use of drafts for pattern weaving are included.
- 400H. Honors Work**
Fall, Winter, Spring, Summer. Variable credit. May reenroll for a maximum of 16 credits. Seniors; approval of department.
- 405A. Field Study—Retail Operations**
Fall, 6 credits. Senior majors; HED 360; additional selling experience and approval of department.
An off-campus supervised and coordinated field study program in selected retail operations.
- 405B. Special Problems in Retailing Fieldwork**
Fall, Summer. Variable credit. May reenroll for a maximum of 4 credits. Approval of department.
A special problem investigation designed to supplement classroom and field-study experience.
- 405C. Exploration of the Textile and Apparel Industries**
Summer, 4 credits.
An aggregate analysis through field-travel of the distribution channel identifying function and service areas as they coordinate merchandise flow, from production to consumption.
- 406. Merchandising II: Apparel and Home Furnishing Accessories**
Fall, Spring, 4(4-0) HED 360, MGT 302 or MGT 310.
Retail managements' responsibilities in supervising personnel to effectively communicate with the consumer through sales promotion and personal selling.
- 420. Professional Practices—Interior Design**
Fall, 3(3-0) HED 320. Senior Interior Design majors.
The professional practices, standards, and ethics involved in the practice of interior design.
- 421. Interior Design—Residential**
Winter, Spring, 4(1-6) HED 420 or concurrently. Senior Interior Design majors.
Advanced interior design and planning with emphasis on communication with the residential client. Oral and graphic presentations of problem solving for environmental control.
- 423. Interior Design—Contract**
Fall, Winter, 4(1-6) HED 420 or concurrently. Senior Interior Design majors.
Advanced interior design and planning in contract types of design (commercial and institutional). Emphasis on methods of researching a design problem by the group or team method.

- 425. Three Dimensional Structure and Construction**
Fall, Winter. 3(0-6) HED 353.
Various types of building structures and their method of construction as they are related to interior design. Presentation methods of three dimensional space relationships by designing and building scale models.
- 427. Advanced Design Problems**
Winter, Spring. 3(0-6) HED 425 or concurrently. Senior Interior Design majors. Advanced structural investigation, analysis solution, and presentation relative to physical aspects of interior design.
- 430. History of Interior Design—Rococo through Victorian**
Spring. 3(3-0) HED 330 or approval of department.
Historical development of furniture, textiles, and the other decorative arts in relation to interior architecture from the Rococo era through the Victorian era.
- 431. History of Interior Design—Modern**
Spring. 3(3-0)
Historical development of furniture, textiles, and accessories and their relationship to interiors; from the Victorian era to the present.
- 432. Behavioral Research and Housing Design**
Spring. 3(3-0) HED 332 or approval of department.
The application of behavioral research findings and techniques to the development of design criteria for the housing environment through case study analyses and field applications.
- 434. Culture, Society and Dress**
Fall, Spring. 3(3-0) Juniors.
Sociocultural study of clothing as an artifact and symbol in Western and non-Western societies. Analysis of functions, cultural patterns, social organization, and sociocultural change.
- 435. Psychology of Clothing**
Winter. 3(3-0) Juniors. PSY 170.
Clothing as it relates to self-expression and the individual's adjustment to the physical and social environment.
- 438. Field Study in Family Housing**
Fall, Winter, Spring. 4(2-4) HED 332.
The relationship of interior environment to the realization of family goals and values. Students help the family understand the dynamics of this relationship.
- 455. Design by Draping**
Spring. 3(1-4) HED 252, HED 254, HED 355.
Dress design based on the manipulation of fabric on a form. Emphasis on relation of fabric and construction techniques.
- 459. Special Problems in Clothing**
Fall, Winter, Spring, Summer. 2 to 4 credits. Two courses in clothing construction; approval of department.
- 472. Textiles Within an Ecological Framework**
Fall, Winter, Summer. 3(3-0) HED 171 or approval of department.
Contemporary textile advancements which influence the ecosystems of man.
- 475. History of Apparel Textiles**
Winter. 3(3-0) HED 171 and Juniors.
Textiles used for apparel from prehistory to contemporary times. Analysis of the influence of cultural factors on the evolution of design and resources used.
- 476. Clothing and Textiles in World Trade**
Spring. 3(3-0) EC 201.
Textile and apparel world trade as a response to patterns of production, political decisions and geographic distribution of resources.
- 483. History of Costume: Western Dress**
Spring. 3(3-0) Juniors.
Important periods of costume; their relationship to life of the times and their importance in evolution and inspiration of modern dress.
- 490. Problems in Human Environment and Design**
Fall, Winter, Spring, Summer. Variable credit. May reenroll for a maximum of 6 credits. Approval of department.
Special problems and independent study in environmental concerns.
- 498. Field Study**
Fall, Winter, Spring, Summer. 4 to 8 credits. May reenroll for a maximum of 8 credits. Approval of department.
Study of environmental concerns in depth through direct contact in field settings and/or travel.
- 800C. Seminar in Human Environment and Design**
Fall, Winter, Spring, Summer of even-numbered years. 3(3-0) May reenroll for a maximum of 9 credits. Six credits in design or crafts.
- 800D. Seminar in Psycho-Social-Cultural Aspects of Clothing**
Winter. Summer of even-numbered years. 3(3-0) May reenroll for a maximum of 9 credits. Approval of department.
- 809C. Research Methods in Human Environment and Design**
Fall, Winter, Spring. Variable credit. May reenroll for a maximum of 9 credits. Approval of department.
- 813A. Special Problems in Textiles**
Fall, Winter, Spring, Summer. Variable credit. May reenroll for a maximum of 9 credits. Approval of department.
- 813B. Special Problems in Clothing Construction or Design**
Fall, Winter, Spring, Summer. Variable credit. May reenroll for a maximum of 9 credits. Approval of department.
- 813C. Special Problems in Related Arts**
Fall, Winter, Spring, Summer. Variable credit. May reenroll for a maximum of 9 credits. Approval of department.
- 813D. Special Problems in Sociological, Psychological or Economic Aspects of Clothing**
Fall, Winter, Spring, Summer. Variable credit. May reenroll for a maximum of 9 credits. Approval of department.
Problems for special study for the general home economics major or students taking a major or minor in clothing.
- 814. Workshops in Human Environment and Design**
Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll for a maximum of 10 credits. Approval of department.
Provides for a concentration on specific and relevant topics of value to graduate students and practicing professionals in major areas of the department.
- 815. Literature in Clothing and Textiles**
Fall. Summer of even-numbered years. 3(3-0) Approval of department.
Organized investigation into the recent literature in the several areas of clothing and textiles.
- 819. Research Methods**
Fall, Spring, Summer of even years. 3(3-0) Approval of department.
Interdepartmental and administered jointly with the Department of Family Ecology.
Elements of the research process: problem formation, theoretical frameworks, operationalizing concepts, hypotheses formulation, research design, instrumentation, sampling, analysis, interpretation, and reporting of findings.
- 836. Research and Developments in Family Housing**
Winter. 3 to 5 credits. HED 819 or concurrently; approval of department.
Historical perspective of research accomplishments in housing, major shaping forces, financial support, landmark studies and major contributors. Consideration of present research and developments suggesting researchable areas.
- 837. Generalization and Concepts for Teaching Family Housing**
Fall. Summer of odd-numbered years. 3(3-0) F E 823, approval of department.
Major concepts dealing with producing, securing, maintaining and evaluating housing. Focus placed on content for teaching programs in secondary schools and other educational organizations.
- 838. Housing for People with Special Needs**
Spring. 3(3-0) Approval of department.
Major needs in housing of the poor, elderly, handicapped, migrant and other groups with specific requirements.
- 840. Clothing and Human Behavior**
Spring; Summer of odd-numbered years. 3(3-0)
Theories of human behavior which relate to clothing and dress.
- 899. Master's Thesis Research**
Fall, Winter, Spring, Summer. Variable credit. Approval of department.