405. Food and Beverage Management
Winter, Spring. Summer of even-numbered years. 4(4-0) HR1 265, HRI 203.
Duties and responsibilities of the manager in restaurant and catering operations. Management methods in goal setting, forecasting, controlling quality and costs; establishing policies to create favorable acceptance and profitable operations.

435. Food Production Systems
Fall, Winter. Spring. Summer of even-numbered years. 4(4-0) FSC 243, HR1 405.
Recognizes and traces development of quality in production of menu items, time, labor, equipment and costs in quantity food production. Quality procurement policies for food, beverages and related items. Field trips required.

455A. Food Evaluation
Spring. 4(4-0) Approval of school.
History of foods and related physiological and psychological theories and their application to quality consideration.

455B. Beverage Evaluation
Fall. 4(4-0) Approval of school.
History of beverages and related physiological and psychological theories and their application to quality considerations.

462. Tourism Management
Winter. 4(4-0) HRI 261.
Tourism organizations, functions, and policy determination, tour wholesaling and retail travel agency management. Field trip required.

463. Tourism Distribution Management
Fall. 4(4-0) HRI 261.
Component channels of the tourism distribution system. Functional interrelationships of these channels with emphasis on increasing distribution effectiveness. Field trips required.

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 promote 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 6 credits. Majors and approval of school.
Research in any phase of food, lodging, hospitality, tourism or health facilities operations.

805. Advanced Foodservice Management
Winter. 4(4-0) HRI 435.
Administrative and technical management of foodservices. Emphasis on operation analysis and problem solving.

807. Workforce Management in the Hospitality Industry
Spring. 4(4-0) HRI 337.
Developing and maintaining a productive workforce for hospitality firms. Emphasis on supervisory skills and labor relations.

835. Energy Management in Hospitality Facilities
Fall. 4(4-0)
Achieving energy efficiency through system analysis and design. Includes energy audits and design problems.

837. Advanced Lodging Management
Spring. 4(4-0) HRI 337.
Administrative and technical management of hotels. Emphasis on operations and analysis and problem solving.

875. Innovation in Hospitality Services
Fall, Winter, Spring.
Preparation and interpretation of financial statements, budget preparation and analysis of budgetary variances. Financial aspects of hospitality business expansion, franchising contracts, feasibility studies, and valuation considerations.

890. Special Problems
Fall, Winter, Spring. Summer, 1 to 15 credits. Approval of school.
Opportunity for outstanding students to engage in a thorough analysis of a service industry area of their choice that will result in a positive contribution to the field.

HUMAN ECOLOGY
(COLLEGE OF)

201. Perspectives in Human Ecology
Fall, Winter. 3(3-0) Sophomores.

HUMAN ENVIRONMENT AND DESIGN

143. Design for Living I
Fall, Winter, Spring. 3(2-0)
Perceptual development including analytical judgment 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 human environment and daily life.

144. Design for Living II
Fall, Spring. 3(1-4)
Use of design elements and application of principles in creative problems and media.

155. Clothing Construction Studio (HED 152.) Fall, Winter, Spring. 3(1-4)
Emphasis on fit, alterations, different techniques in assembling apparel. Basic principles of clothing construction. Completed garments required.

171. Textiles for Consumers
Fall, Winter, Spring. 4(4-0)
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. Introduction to Merchandising Management
Winter. 3(3-0) Sophomores.
An overview of the merchandising function as it provides goods and services to individuals and families. Field trips required.

203. Nontextile Merchandise Production, Properties and Performance
Fall, Winter. 3(4-0) HED 143.
Product information for selected nontextile merchandise as it assists consumers and professionals in decision making. Investigation of materials, construction, production, quality and care of nontextile goods.

215. Interior Environments
Fall, Winter. 3(3-0) Spring. Summer: 3 credits; credit by examination only. HED 144, sophomores or approval of department. Students may not receive credit in both HED 215, and HED 210, HED 213.
Design fundamentals as they relate to interior design and human behavior. Characteristics of interior design, finishing materials and artifacts.

216. Interior Environments: Studio
Fall, Winter. 3(0-6) HED 215 or concurrently. Students may not receive credit in both HED 216 and HED 211, HED 214.
Application of design fundamentals.

220. Interior Design Drafting
Fall. 3(1-4) HED 215, HED 216 or concurrently.
Drafting and two-dimensional drawing for interior designing.
Human Environment and Design — Descriptions of Courses

211. Interior Design Process and Presentation
Winter, Spring, 3(1-4) HED 220.
Understanding and use of the design process in solving problems related to design fundamentals as components of interior space. Presentation procedures and techniques.

223. Interior Design Synthesis I
(222.) Fall, Spring, 3(1-4) HED 221.
Experimentation and representation of space, color and texture as they relate to environmental interior design.

239. Housing Conservation
Spring, 3(3-0) Interdepartmental with and administered by Building Construction Management.
Skills and techniques in conserving, repairing and remodeling existing housing. Structural components of housing and evaluation of housing structure.

251. Aesthetics of Dress
(HED 354.) Winter, Spring, 3(3-0) HED 143 or approval of department.
Analysis of clothing as an aesthetic expression. Emphasis on design principles as they apply to costume.

253. Costume Design Studio
(HED 353.) Spring, 3(0-6) HED 143 or HED 251 or concurrently.
Execution, illustration and critique of functional, structural, and decorative clothing designs. Studio experience.

255. Advanced Clothing Construction Studio
(HED 252.) Fall, Winter, 3(2-2) HED 155 or pass placement exam and review.
Application of principles of clothing construction with emphasis on fitting, alteration, and couturier construction techniques. Experimental execution and evaluation of techniques.

290. Portfolio Development: Independent Study
Fall, 3 to 6 credits. May reenroll for a maximum of 6 credits. STA 141, HED 251, HED 253.
Supervised independent study aimed at the development of a portfolio of clothing designs.

302. Apparel and Textiles Production and Distribution
(402.) Fall, Winter, 3(3-0) Juniors.
Apparel and textile industry, its characteristics and the influence of domestic factors on production and distribution policies.

303. Interior Design Construction Components
Fall, 3(2-2) HED 220 or approval of department.
Characteristics of materials and structural systems, methods of construction, and social and legal constraints which affect human needs in interiors. Field trip required.

310. Interior Design Material and Workroom Practices
(320.) Fall, 3(2-2) HED 223 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.

311. Interior Perspective and Media
(324.) Fall, 3(0-6) HED 223.
The development of methods for design communication through manipulation of three-dimensional drawings in many media.

312. Interior Design Lighting and Environmental Systems
(322.) Winter, 3(2-2) HED 223.
Lighting and environmental systems as related to interior design. Systems include light, ventilation, acoustics, heating and cooling and their integration with interior space. Field trip required.

313. Interior Design—Human Dimensions
Winter, 3(2-2) HED 310, HED 311 or approval of department.
Human dimensions as determining factors in human environments and their design.

314. Contemporary Design Problems
Winter, 3(3-0) Juniors.
Current and controversial issues perceived as important to future designs or designers.

316. Interior Design Synthesis II
(396.) Spring, 3(0-6) HED 312, HED 313 or concurrently.
Application of problem solving process to situations brought by clients.

332. Human Needs in Housing
Fall, Winter, Spring, 3(0-6) HED 201.
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.

335. Design Analysis: Flat Pattern
Fall, 4(2-4) HED 255.
Emphasis on flat pattern techniques necessary to develop garment design from basic patterns.

336. Apparel, Textiles and Interior Furnishings Buying
Fall, Winter, Spring, 4(4-0) HED 201, 202 or concurrently.
Merchandising calculations and computer applications in the planning and control of merchandise budgets for buying of apparel, textiles and interior furnishings.

337. Interior Design Detailing
Spring, 3(1-4) HED 231 or approval of department.
Problems in furniture and cabinetry design and their details based on user needs, past traditions, current technology, utilizing graphic communication skills and problem solving methods.

338. History of Costume: Western Dress
(483.) Fall, 4(4-0) Juniors.
Important periods of costume: their relationship to life of the times and their importance in evolution and inspiration of modern dress.

340. Historic Collections Management
Winter, 3(1-4) HED 155, HED 201, 251 or HED 144.
Philosophical and managerial practices with an historical costume, textiles and decorative arts collection.

400H. Honors Work
Fall, Winter, Spring, 1 to 16 credits. May reenroll for a maximum of 24 credits. Seniors; approval of department.

403. Apparel, Textiles and Interior Furnishings Entrepreneurship
Fall, Winter, 3(3-0) HED 201, Seniors.
Planning, implementing and managing an apparel/textiles/interior furnishings entrepreneurial venture.

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. Human Resources in Merchandising Management
Fall, Winter, Spring, 4(4-0) HED 201, MGT 302 or MGT 310 or concurrently.
Analysis, training, evaluation and supervision of human resources to effectively communicate with consumers.

410. Interior Design Professional Practices
(420.) Winter, 3(3-0) HED 310, Senior Interior Design majors.
The professional practices, standards, and ethics involved in the practice of interior design.

411. Interior Design Residential and Contract I
(421.) Fall, 4(1-6) Senior Interior Design majors.
Planning with the client/owner/tenant/users. Oral and graphic presentations of problem solving. Field trip required.

413. Interior Design Residential and Contract II
(422.) Winter, 4(1-5) HED 411.
Continuation of HED 411. Field trip required.

415. Interior Design Communication Methods
Spring, 3(2-2) HED 311, Juniors or approval of department.
Technical knowledge of methods and techniques for communicating design concepts.
417. Interior Design Synthesis III  
(432.) Spring. 4(1-6) HED 413.  
Advanced studio incorporating and synthesizing information, process and skills relative to solution of complex interior design problems. Field trip required.
813D. Special Problems in Sociological, Psychological or Economic Aspects of Clothing
Fall, Winter, Spring, Summer. 1 to 9 credits. May be repeated for a maximum of 6 credits. Approval of department. Problems for special study for the general home economics major or student taking a major or minor in clothing.

814. Workshops in Human Environment and Design
Fall, Winter, Spring, Summer. 1 to 6 credits. May be repeated for a maximum of 10 credits. Approval of department. Provides for a concentration on specific and relevant topics of value to graduate students and practitioners in major areas of the department.

815. Literature in Clothing and Textiles
Fall. Summer of even-numbered years. 3(0-0). Approval of department. Organized investigation into the recent literature in the several areas of clothing and textiles.

836. Research and Developments in Family Housing
Winter. 3 to 5 credits. HED 819 or concurrent 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(0-0). FCE 823, concurrent 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.

840. Clothing and Human Behavior
Spring. Summer of odd-numbered years. 3(0-0). Theories of human behavior which relate to clothing and dress.

896. Internship
Fall, Winter, Spring, Summer. 3 to 9 credits. May be repeated for a maximum of 9 credits. Approval of graduate guidance committee. Supervised graduate internship in a professional situation.

899. Master's Thesis Research
Fall, Winter, Spring. Summer. Variable credit. Approval of department.

HUMANITIES

College of Arts and Letters

152. Introduction to Humanities: The Performing Arts
Fall, Winter. 4(3-2) Primarily for freshmen. Purchase of a limited number of tickets is required. Preparation for attendance at, and evaluation of events in the performing arts on the University campus. Curriculum will be based on campus events scheduled for the term.

201. Humanities in the Western World: Ancient (A)
Fall, Winter, Spring, Summer. 4(4-0) Sophomores. Students may not receive credit in more than one of the following: HUM 201, HUM 211, HUM 221, HUM 261, HUM 281H. The origins and development of Western Civilization are seen through an interdisciplinary study of the history, literature, philosophy, religion, and art of the civilizations of Greece and Rome and of the Judeo-Christian tradition. Uses an anthology of source readings, selected paperbacks, history and art texts.

202. Humanities in the Western World: Medieval and Early Modern (A)
Fall, Winter, Spring, Summer. 4(4-0) Sophomores. Students may not receive credit in more than one of the following: HUM 202, HUM 212, HUM 222, HUM 263, HUM 282H. Deals with the medieval and early modern periods of Western culture.

203. Humanities in the Western World: Modern (A)
Fall, Winter, Spring, Summer. 4(4-0) Sophomores. Students may not receive credit in more than one of the following: HUM 203, HUM 213, HUM 223, HUM 263, HUM 283H. Deals with aspects of modern Western culture from 1700 to 1945.

204. The Humanities in the Contemporary World (A)
Fall, Winter, Spring. 4(4-0) Sophomores. Interdisciplinary study of the literature, philosophy, religion, architecture, painting, sculpture, music, film, and other performing arts of the era since 1945 as they reflect and influence the character of contemporary civilization.

211. Great Books of Western Culture, Ancient (A)
Fall. Winter, Spring. 4(4-0) Sophomores. Students may not receive credit in more than one of the following: HUM 201, HUM 211, HUM 221, HUM 261, HUM 281H. Emphasizes selected major works of literature, philosophy, religion, history and art in an interdisciplinary study of the origins of Western culture in the civilizations of Greece and Rome and in the Judeo-Christian tradition. Uses selected paperbacks, history and art texts.

212. Great Books of Western Culture, Medieval and Early Modern (A)
Winter, Spring. 4(4-0) Sophomores. Students may not receive credit in more than one of the following: HUM 202, HUM 212, HUM 222, HUM 262, HUM 282H. Emphasizes selected major works of literature, philosophy, religion, history and art in an interdisciplinary study of the origins of Western culture in the civilizations of Greece and Rome and in the Judeo-Christian tradition. Uses selected paperbacks, history and art texts.

213. Great Books of Western Culture, Modern (A)
Spring. 4(4-0) Sophomores. Students may not receive credit in more than one of the following: HUM 203, HUM 213, HUM 223, HUM 263, HUM 283H. Interrelationships of music with other aspects of modern and early modern Western culture.

221. The Visual Arts and Western Culture, Ancient (A)
Fall. 4(4-0) Sophomores. Students may not receive credit in more than one of the following: HUM 201, HUM 211, HUM 221, HUM 261, HUM 281H. Emphasizes the visual arts in an interdisciplinary study of the origins of Western culture in the civilizations of Greece and Rome and in the Judeo-Christian tradition. Uses an art history text, a history text, and anthology of readings and selected paperbacks.

222. The Visual Arts and Western Culture, Medieval and Early Modern (A)
Winter. 4(4-0) Sophomores. Recommended HUM 202, HUM 211, HUM 261 or HUM 281H. Students may not receive credit in more than one of the following: HUM 202, HUM 212, HUM 262, HUM 282H. The visual arts in the culture of the medieval and early modern periods of Western civilization.

223. The Visual Arts and Western Culture, Modern (A)
Spring. 4(4-0) Sophomores. Recommended HUM 222 or HUM 202. HUM 212, HUM 262 or HUM 282H. Students may not receive credit in more than one of the following: HUM 203, HUM 213, HUM 223, HUM 263, HUM 283H. The visual arts in modern culture since 1700.

261. Music and Western Culture, Ancient (A)
Fall. 4(4-0) Sophomores. Students may not receive credit in more than one of the following: HUM 201, HUM 211, HUM 221, HUM 261, HUM 281H. Emphasizes selected major works of literature, philosophy, religion, history and art in an interdisciplinary study of the origins of Western culture in the civilizations of Greece and Rome and in the Judeo-Christian tradition. Uses selected paperbacks, history and art texts.

262. Music and Western Culture, Medieval and Early Modern (A)
Winter. 4(4-0) Sophomores. Recommended HUM 201 or HUM 211, HUM 221, or HUM 281H. Students may not receive credit in more than one of the following: HUM 202, HUM 213, HUM 223, HUM 263, HUM 282H. Emphasizes selected major works of literature, philosophy, religion, history and art in an interdisciplinary study of the origins of Western culture in the civilizations of Greece and Rome and in the Judeo-Christian tradition. Uses selected paperbacks, history and art texts.

263. Music and Western Culture, Modern (A)
Spring. 4(4-0) Sophomores. Recommended HUM 222 or HUM 202. HUM 212, HUM 262 or HUM 282H. Students may not receive credit in more than one of the following: HUM 203, HUM 213, HUM 223, HUM 263, HUM 283H. Emphasizes selected major works of literature, philosophy, religion, history and art in an interdisciplinary study of the origins of Western culture in the civilizations of Greece and Rome and in the Judeo-Christian tradition. Uses selected paperbacks, history and art texts.

272. Selected Topics in the Humanities
Fall, Winter. Spring. 3 to 5 credits. May be repeated for a maximum of 8 credits if different topic is taken. Interdisciplinary study of topics in the humanities.