466. **Tourism Planning and Development**  
*Fall, Spring.* 4(4-0) HRI 201.  
Tourism resource characteristics, location, and market demand considerations. Analysis of development potential, planning processes and procedures, capital and personnel requirements, and tourism destination developments.  

473. **Hospitality Industry Research**  
*Fall, Winter, Spring.* 4(4-0) HRI 392. MTA 317.  
Strategies and techniques for obtaining, analyzing, evaluating and reporting relevant research data.  

475. **Advanced Hospitality Marketing**  
*Fall, Winter, Spring.* 4(4-0) HRI 473.  
Gathering, analyzing and using marketing research. Developing and evaluating marketing plans and promotional strategies.  

490C. **Special Problems in Club Management**  
*Spring.* 4(4-0) HRI major, HRI 405.  
Complex management problems cutting across the major functions. Focus on decision-making. Cases and projects.  

490L. **Special Problems in Lodging Management**  
*Spring,* 4(4-0) HRI major, HRI 405.  
Complex management problems cutting across the major functions. Focus on decision-making. Cases and projects.  

490M. **Special Problems in Multi-unit Chain Restaurant Management**  
*Spring,* 4(4-0) HRI major, HRI 405.  
Complex management problems cutting across the major functions. Focus on decision-making. Cases and projects.  

490R. **Special Problems in Real Estate Selection, Financing and Design**  
*Winter.* 4(4-0) HRI major, HRI 405.  
Complex management problems cutting across the major functions. Focus on decision-making. Cases and projects.  

490X. **Special Problems in Hospitality Management**  
*Winter.* 4(4-0) HRI major, HRI 405.  
Complex management problems cutting across the major functions, industry sectors and entity types. Focus on decision-making. Cases and projects.  

495. **Current Issues**  
*Spring of even-numbered years.* 4(4-0)  
Senior, approval of school. Focus on specific topic or issue facing the hospitality and tourism industries.  

499. **Independent Study**  
*Fall, Winter, Spring.* 1 to 4 credits. May receive for a maximum of 9 credits. Major and approval of school. Research in any phase of hospitality and tourism management.  

805. **Seminar in 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**  
*Fall.* 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 Facilties**  
*Fall.* 4(4-0)  
Achieving energy efficiency through system analysis and design. Includes energy audits and design problems.  

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

875. **Innovation in Hospitality Marketing**  
*Spring.* 4(4-0) MTA 505 or concurrently.  
Application of marketing concepts to the hospitality sector, with special emphasis on the role of promotion in the hospitality marketing process.  

888. **Financial Management for the Service Industries**  
*Spring.* 4(4-0) ACC 340.  
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  
**HEC (COLLEGE OF)**  

201. **Perspectives in Human Ecology**  
*(F E 110).*  
*Fall, Winter.* 3(3-0) Sophomores.  

HUMAN ENVIRONMENT AND DESIGN  
**HED**  

College of Human Ecology  

143. **Design for Living I**  
*Fall, Winter.* 3(3-0)  
Perceptual development including analytical judgment through the study of design, a vital part of the matrix of living. Design concepts 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) HED 143.  
Use of design elements and application of priciples 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.  

201. **Introduction to Merchandising Management**  
*Fall, 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(3-0) 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. 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(3-0) Spring. 3 credits; credit by examination only. HED 215, or concurrently. Students may not receive credit in both HED 316 and HED 211, HED 214. Application of design fundamentals.  

220. **Interior Design Drafting**  
*Fall, Winter.* 3(1-4) HED 215, HED 216 or concurrently. Drafting and two-dimensional drawing for interior designing.  

221. **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.
Human Environment and Design — Descriptions of Courses

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

239. Housing Conservation
Fall. 3(0-0) 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 254.) 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. Apparel Design Studio
(HED 353.) Spring. 3(0-6) HED 143; HED 253 or concurrently.
Basic figure study and fashion drawing with emphasis on creative problem solving in apparel design.

255. Advanced Clothing Construction Studio
(HED 255.) 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 evaluation and execution of techniques.

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

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 as they affect human needs in interiors. Field trip required.

310. Interior Design Material and Workroom Practices
Fall. 3(2-2) HED 223 or approval of department. Junior Interior Design majors.
The material used to create design in near-environment spaces and the workroom practices used to accomplish an installation after it has been designed.

311. Interior Perspective and Media
Fall. 3(0-8) 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
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
Spring. 3(0-6) HED 312, HED 313, Junior Interior Design majors.
Application of problem solving process to situations brought by clients.

322. 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 understanding environmental relations for the plan and design of housing.

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

360. Apparel, Textiles and Interior Furnishings Buying
Fall, Winter, Spring. 4(4-0) HED 201, ACC 201 or ACC 230, MTA 351 or concurrently, CPS 100, MTH 108 or MTH 111, STT 201 or STT 315.
Merchandising calculations and computer applications in the planning and control of merchandise budgets for buying of apparel, textiles and interior furnishings.

362. Promotional Planning Strategy in the Merchandising Environment
Winter, Spring. 3(3-0) HED 201, Juniors.
Human and constructed environments as resources in merchandising promotion. Aesthetics and its effect upon the consumption decisions of individuals and families.

371. Textile Product Performance
Fall. 3(3-0) HED 171.
Relationship of properties of textile structures to end use product performance in environmental settings. Case studies of textiles used in apparel, interior furnishings, and other consumer products.

372. Textile Product Performance Laboratory
Fall. 1(0-2) HED 371 or concurrently.
Textile product performance analysis and evaluation.

377. Interior Design Detailing
Spring. 3(1-4) HED 313 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.

383. 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.

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

405. Apparel, Textiles and Interior Furnishings Entrepreneurship
Fall, Winter. 3(0-6) HED 201, Seniors.
Planning, implementing and managing an apparel/textiles/interior furnishings enterprising 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
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
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
Winter. 4(1-6) 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
Spring. 4(1-6) HED 413.
Advanced studio incorporating and synthesizing information, process and skills relative to solutions of complex interior design problems. Field trip required.

422. Fiber Arts
Fall, Winter, Spring. 3(0-6) HED 143, HED 171 or approval of department.
Design fundamentals applied within studio experience exploring traditional and contemporary fiber arts in near environments. Techniques and practices may include: off loom weaving, stitching, soft sculpture, dyeing.
429. History of Interior Design: Ancient to Rococo
Fall. 3(3-0) H A 206.
Historical development of furniture, textiles, and the other decorative arts in relation to interior architecture from ancient times to Rococo.

430. History of Interior Design—Rococo through Victorian
Winter. 3(3-0) HED 459. H A 207.
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) H A 208.
Historical development of furniture, textiles, and accessories and their relationship to interiors from the Victorian era to the present.

432. Housing: Industrialized Societies
(RES 465.) Winter. 4(4-0) Juniors.
Intermediate study with and administered by Urban Planning.
Comparison of urban housing policies in selected countries, such as Great Britain, Italy, Poland, the Soviet Union, the Scandinavian countries, the United States, and the Federal Republic of Germany.

434. Culture, Society and Dress
Winter. 4(4-0) 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. Dress and Human Behavior
Winter. 4(4-0) FSY 160 or FSY 170; Juniors.
Sociological psychology of dress as it affects human behavior at the personal and interpersonal levels of social organization.

441. Interior Design Preservation and Conservation
Spring. 3(2-2) Approval of department.
The interior design component of the preservation-conservation movement as executed through historic restoration, and adaptive reuse. Field trip required.

455. Design by Draping
Winter. 4(1-6) HED 355.

456. Functional Apparel Design
Spring of even-numbered years. 3(2-2) HED 455.
Application of the theories of physical science to the design and construction of sports, space, military, and industrial apparel.

461. Apparel, Textiles and Interior Fashion as Consumer Buying
Winter. Spring. 3(3-0) HED 356 or approval of department.
Role of imported merchandise in satisfying the apparel, textiles and interior furnishings needs of individuals and families.

471. Analysis of Textiles
Spring of odd-numbered years. 4(4-0) CEM 143 or CEM 341 or CEM 351.
Fiber-forming polymers, dyes and finishes used in the development and production of textiles. Soiling and cleaning of textile materials.

472. Apparel and Textiles: Ecological Issues
Fall, Spring. 3(0-0) HED 171.
Contemporary textile advancements which influence human ecosystems.

475. History of Textiles
Winter. 4(4-0) HED 171.
Textiles from prehistory to contemporary times. Analysis of the influence of cultural factors on the evolution of design and resources used.

476. Apparel and Textiles in World Trade
Spring. 3(3-0) EC 201, HED 302 or approval of department.
Textile and apparel world trade as a response to patterns of production, political decisions and geographic distribution of resources.

480. Human Resources in International Merchandising Management
Spring. 3(3-0) HED 406.
Comparative analysis of human resources in merchandising management functions in foreign countries.

484. Cultural Studies in Clothing and Textiles
Spring. 4(4-0) May reenroll for a maximum of 6 credits. HED 434.
Textiles and/or clothing of a cultural group or geographic area and time period.

485. Historic Collections Management
(HED 384.) Spring of odd-numbered years. 3(2-2) HED 155, HED 171, HED 203, HED 251 or HED 144, HED 383.
Philosophical and managerial practices with an historical costume, textiles and decorative arts collection.

490. Problems in Human Environment and Design
Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll for a maximum of 6 credits. Approval of department.
Special problems and independent study in environmental concerns.

495A. Supervised Individual Study in Merchandising Management
(HED 405B.) Fall, Winter, Spring, Summer. 1 to 4 credits. May reenroll for a maximum of 4 credits. Merchandising Management majors, approval of department.
A special problem investigation designed to supplement classroom experience.

495B. Supervised Individual Study in Clothing and Textiles
(HED 459.) Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll for a maximum of 6 credits. Clothing and Textiles majors, two courses in clothing and textiles required for the major, approval of department.
A special problem investigation designed to supplement classroom experience.

495C. Supervised Individual Study in Interior Design
Fall, Winter, Spring, Summer. 1 to 4 credits. May reenroll for a maximum of 4 credits. Interior Design majors; approval of department.
A special problem investigation designed to supplement classroom experience.

495D. Supervised Individual Study in Human Environment and Design
Fall, Winter, Spring, Summer. 1 to 4 credits. May reenroll for a maximum of 4 credits. Human Environment and Design majors, approval of department.
A special problem investigation designed to supplement classroom experience.

498A. Field Study in Merchandising Management
(HED 405A.) Fall, Winter, Spring, Summer. 2 to 12 credits. May reenroll for a maximum of 12 credits. Merchandising Management majors, HED 360, HED 495A, MGT 302 or MGT 310; approval of department.
Preprofessional experience in a selected business or community setting.

498B. Field Study in Clothing and Textiles
(HED 498.) Fall, Winter, Spring, Summer. 5 to 8 credits. May reenroll for a maximum of 8 credits. Clothing and Textiles majors, HED 371, approval of department.
Preprofessional experience in selected business or community setting.

498C. Field Study in Interior Design
Summer. 1 to 4 credits. Interior Design majors, HED 316, HED 495C, approval of department.
Preprofessional experience in selected business or community setting.

498D. Field Study in Human Environment and Design
(HED 498.) Fall, Winter, Spring, Summer. 4 to 8 credits. May reenroll for a maximum of 8 credits. Human Environment and Design majors, HED 332, approval of department.
Preprofessional experience in a selected business or community setting.

800A. Seminar in Merchandising Management
Spring. 3(3-0) May reenroll for a maximum of 3 credits. Approval of department.
Selected topics related to consumer behavior, human resource management, or international merchandising management.

800B. Seminar in Clothing and Textiles
(HED 800D.) Winter. 3(3-0) May reenroll for a maximum of 9 credits. Approval of department.
Selected topics related to apparel design, historic costume and textile studies, museum collections, or human behavior and ecological relations.

800C. Seminar in Interior Design and Human Environment
Winter. 3(3-0) May reenroll for a maximum of 5 credits. Approval of department.
Selected topics related to facilities design and management, human shelter, or interior design preservation and conservation.

801. Research in Merchandising Management
Winter. 3(3-0) Research methods course or concurrently.
Current trends and methodology, with an emphasis on the implications of research for future directions in merchandising management.

802. Merchandising Management: Human Resources
Fall. 3(3-0) HED 406 or approval of department.
Advanced theory and applications in human resource management in merchandising.
803. Merchandising Management: Consumer Behavior
Winter. 3(3-0) HED 901 or approval of department.
Consumer behavior theory. Application of consumer behavior models to merchandising management.

806. Research Literature in Human Environment and Design
(HED 845.) Fall. 3(3-0) Approval of department.
Research trends in clothing and textiles, interior design and human environment, and merchandising management.

813A. Supervised Individual Study in Merchandising Management
Fall, Winter, Spring, Summer. 1 to 4 credits. May reenroll for a maximum of 9 credits. Approval of department.
Independent study in topics related to consumer behavior, human resource management, or international merchandising management.

813B. Supervised Individual Study in Clothing and Textiles
Fall, Winter, Spring, Summer. 1 to 4 credits. May reenroll for a maximum of 9 credits. Approval of department.
Independent study in topics related to apparel design, historic costume and textile studies, museum collections, or human behavior and ecological relations.

813C. Supervised Individual Study in Interior Design and Human Environment
Fall, Winter, Spring, Summer. 1 to 4 credits. May reenroll for a maximum of 9 credits. Approval of department.
Independent study in topics related to facilities design and management, human shelter, or interior design preservation and conservation.

814A. Workshop in Merchandising Management
Summer of odd-numbered years. 1 to 3 credits. May reenroll for a maximum of 8 credits. Approval of department.
Workshop on a variety of specific topics in merchandising management through special project analysis and participation, field experience, in-depth discussion, and team approach emphasis.

814B. Workshop in Clothing and Textiles
Summer of even-numbered years. 1 to 3 credits. May reenroll for a maximum of 6 credits. Approval of department.
Workshop on a variety of specific topics in clothing and textiles through special project analysis and participation, field experience, in-depth discussion and team approach emphasis.

814C. Workshop in Interior Design and Human Environment
(HED 844.) Summer. 1 to 3 credits. May reenroll for a maximum of 6 credits. Approval of department.
Workshop on a variety of specific topics in interior design and human environment through special project analysis and participation, field experience, in-depth discussion and team approach emphasis.

820. Facilities Design and Management Systems
Fall. 4(4-0) Interior Design and Human Environment graduate student or approval of department.
Shaping, changing, and managing the environments of work in commercial, residential, and institutional settings. Field trips required.

821. Facilities Programming
Spring. 3(3-0) Interior Design and Human Environment graduate student or approval of department.
Facilities programming as the methodology for generating and collecting data to determine design requirements in facility planning and management.

822. Productivity and Stress in the Designed Environment
Fall. 3(3-0) Interior Design and Human Environment graduate student or approval of department.
The role of physical, psychological and chemical factors in the designed environment and their impact on human stress and productivity.

826. The Furniture Industry in America
Spring. 3(3-0) HED 431 or approval of department.
Historical developments. Interrelationships between design and production, materials and consumer acceptance. Field trips required.

827. Preservation and Conservation of Michigan and Midwest Interiors
Fall. 3(3-0) HED 441 or approval of department.
Regional developments, characteristics, and individual contributors in the design, use, preservation and conservation of buildings and their interiors. Principles of criticism. Field trips required.

831. Design Analysis People and Environment
Winter. 3(3-0) Interior Design and Human Environment graduate student or approval of department.
Design analysis and evaluation to determine congruence between people, environment and process through case study and field application.

835. Sociocultural and Historical Influences in Human Shelter
Winter. 3(3-0) HED 332 or approval of department.
Theoretical and empirical perspectives in human shelter. Interaction of humans with their designed environments.

839. Interior Design and Human Environment Theory
Spring. 3(3-0) HED 336 or HED 806 or approval of department.
Theoretical frameworks and models explaining human environmental relationships.

840. Analysis of Clothing Theory
Spring. 3(3-0) FCE 891, HED 806 or approval of department.
Contemporary theories and research in clothing from historical, aesthetic, cultural, behavioral or developmental perspectives.

842. Clothing Use and Human Resource Development
Spring of even-numbered years. 3(3-0) FCE 851 or approval of department.
Human ecological analysis of clothing use and human resource development.

845. Clothing and Human Comfort
Summer of odd-numbered years. 3(3-0) Approval of department.
Physical, psychological, and social dimensions of human comfort related to apparel and environmental settings.

861. Dress and Environmental Setting as Nonverbal Communication
Winter of even-numbered years. 3(3-0) HED 435 or approval of department.
Theory and research on dress and environmental settings as aspects of nonverbal communication.

890. Master's Research Project
Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll for a maximum of 6 credits. Approval of graduate guidance committee.
Participation in a focused research project in clothing and textiles, interior design and human environment, or merchandising management.

892. Master's Research Seminar
Spring. 1(1-0) Approval of graduate guidance committee.
Student, faculty and guest presentations of selected topics related to advanced study in human environment and design.

896A. Internship in Merchandising Management
Fall, Winter, Spring, Summer. 2 to 4 credits. May reenroll for a maximum of 4 credits. Approval of graduate guidance committee.
Supervised graduate internship in a professional situation in consumer behavior, human resource management, or international merchandising management.

896B. Internship in Clothing and Textiles
Fall, Winter, Spring, Summer. 3 to 6 credits. May reenroll for a maximum of 6 credits. Approval of graduate guidance committee.
Supervised graduate internship in a professional situation in apparel design, historic costume and textile studies, museum collections, or human behavior and ecological relations.

896C. Internship in Interior Design and Human Environment
(HED 896.) Fall, Winter, Spring, Summer. 3 to 6 credits. May reenroll for a maximum of 6 credits. Approval of graduate guidance committee.
Supervised graduate internship in a professional situation in facilities design and management, human shelter, or interior design preservation and conservation.

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

HUMANITIES

College of Arts and Letters

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 as 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.