
216. Interior Environments Studio Fall, Winter, Spring, 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, 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.

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 Fall, Spring, 3(3-0) HED 143. Analysis of clothing as an aesthetic expression. Emphasis on design principles as they apply to costume.

251. Aesthetics of Dress (HED 251.) 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 253.) Spring, 3(0-6) HED 143 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 costumer construction techniques. Experimental execution and evaluation of techniques.

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, Winter, 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 (320.) Fall, 3(2-2) HED 233 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(3-2) 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 designers or designers.

316. Interior Design Synthesis II (326.) Spring, 3(0-6) HED 312, HED 313, Junior Interior Design majors. Application of problem solving process to situations brought by clients.

332. Human Needs in Housing Fall, Winter, Spring, 3(3-0) Juniors. 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.

355. Design Analysis: Flat Pattern (404-4) HED 355. Emphasis on design 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 115. Merchandising calculations and computer applications in the planning and control of merchandise budgets for buying of apparel, textiles and interior furnishings.

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

372. Textile Product Performance Laboratory
Fall. 1(2-0) HED 271 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
(383.) 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 reenroll for a maximum of 24 credits. Juniors; approval of department.

403. Apparel, Textiles and Interior Furnishings Entrepreneurship
Fall. 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 learning 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 316 or concurrently. Analysis, training, evaluation and supervision of human resources to effectively communicate with consumers.

410. Interior Design Professional Practices
(410.) Winter. 3(3-0) HED 316, Senior Interior Design majors. The professional practices, standards, and ethics involved in the practice of interior design.

411. Interior Design Residential and Contract I

413. Interior Design Residential and Contract II
(413.) 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
(417.) 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.

422. Fiber Arts
(373.) 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: on/off loom weaving, stitchery, soft sculpture, dyeing.

429. History of Interior Design: Ancient to Rococo
(350, 331.) Fall. 3(3-0) HED 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 429. 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) HED 430, 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 495.) Winter. 4(4-0) Juniors, Interdepartmental and administered by Urban Planning. Comparative analysis 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) PSY 160 or PSY 170; Juniors. Social 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

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 Furnishings International Buying
Winter. Spring. 3(3-0) HED 360 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 380 or CEM 381. 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(3-0) HED 171. Contemporary textile advancements which influence human ecosystems.

475. History of Textiles
Winter. 4(4-0) HED 171. Textiles from prehistoric 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 8 credits. HED 348. Textiles and cultural history of a group as geographic area and time period.

485. Historic Collections Management
(HER 364.) Spring of odd-numbered years. 3(2-2) HED 155, HED 171, HED 203, HED 251, or HED 252, or HED 383. Comparative analysis of human resources in merchandising management functions in foreign countries.

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 6 credits. May reenroll for a maximum of 6 credits. Merceandising Management majors, approval of department. A special problem investigation designed to supplement classroom experience.

495B. Supervised Individual Study in Clothing and Textiles
(HED 453.) 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 369, HED 498A, MGT 302 or MGT 310; approval of department. Preprofessional experience in a selected business or community setting.

498B. Field Study—Clothing and Textiles
(HED 498B.) Fall, Winter, Spring, Summer. 3 to 9 credits. May reenroll for a maximum of 8 credits. Clothing and Textiles majors, HED 371; approval of department. Preprofessional experience in a selected business or community.

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

498D. Field Study in Human Environment and Design
(HED 438) Fall, Winter, Spring, 4 to 8 credits. May reenroll for a maximum of 8 credits. Human Environment and Design majors, HED 322; approval of department. Preprofessional experience in a selected business or community setting.

500A. Seminar in Merchandising Management
Spring. 3(3-0) May reenroll for a maximum of 9 credits; Approval of department. Selected topics related to consumer behavior, human resource management, or international merchandising management.

500B. 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.

500C. Seminar in Interior Design and Human Environment
Winter. 3(3-0) May reenroll for a maximum of 9 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 408 or approval of department. Advanced theory and applications in human resource management in merchandising.

803. Merchandising Management: Consumer Behavior
Winter. 3(3-0) HED 801 or approval of department. Consumer behavior theory; Application of consumer behavior models to merchandising management.

806. Research Literature in Human Environment and Design
(HED 813.) 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 even-numbered years. 1 to 3 credits. May reenroll for a maximum of 6 credits; Approval of department. Concentration 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. Concentration 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 814) Summer. 1 to 3 credits. May reenroll for a maximum of 6 credits; Approval of department. Concentration 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 environment 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 acceptances. 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 contributions 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 processes 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 332 or HED 808 or approval of department. Theoretical frameworks and models explaining human environmental relations.

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 801 or approval of department. Human ecological analysis of clothing use and human resource development.
Description — Human Environment and Design of Courses

845. Clothing and Human Comfort
Summer of odd-numbered years.
3(0-0) Approval of department.
Requirements involve 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.
Students study theory and research on dress and environmental design 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.
HED 896, 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.

893A. 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.
Students work in a professional situation in consumer behavior, human resource management, or international merchandising management.

893B. 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.
Students work in a professional situation in apparel design, historic costume and textile studies, museum collections, or human behavior and ecological relations.

893C. Internship in Interior Design and Human Environment
(Fall, Winter, Spring. 3 to 9 credits. May reenroll for a maximum of 9 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 211, HUM 221, HUM 261, HUM 281H.
The origins and development of Western Civilization are studied through an interdisciplinary study of the history, literature, philosophy, religion, and art of the civilizations of Greece and Rome and the Judeo-Christian tradition. Uses an anthology of source readings, selected textbooks, history and art texts.

202. Humanities in the Western World: Medieval and Early Modern (A)
Fall, Winter, Spring, Summer.
4(4-0) Sophomores. Recommended HUM 201, or HUM 202, HUM 221, or HUM 281H.
Students may not receive credit in more than one of the following: HUM 261, HUM 212, HUM 222, HUM 262, HUM 282H.
Deals with the contemporary and early modern periods of Western culture.

203. Humanities in the Western World: Modern (A)
Fall, Winter, Spring, Summer.
4(4-0) Sophomores. Recommended HUM 202, or HUM 221, HUM 282, or HUM 282H.
Students may not receive credit in more than one of the following: HUM 203, HUM 213, HUM 223, HUM 253, 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, 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.

205. Great Books of 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.

206. Great Books of Western Culture, Medieval and Early Modern (A)
Fall, Winter, Spring.
4(4-0) Sophomores. Recommended HUM 201, or HUM 202, HUM 221, or HUM 281H.
Students may not receive credit in more than one of the following: HUM 203, 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.

207. Great Books of Western Culture, Modern (A)
Fall, Winter.
4(4-0) Sophomores. Recommended HUM 202, or HUM 221, 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 literary, philosophical, religious, historical and artistic works of the medieval and early modern periods of Western culture.

208. The Visual Arts and 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 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.

209. The Visual Arts and Western Culture, Medieval and Early Modern (A)
Fall, Winter.
4(4-0) Sophomores. Recommended HUM 201, or HUM 202, HUM 221, or HUM 281H.
Students may not receive credit in more than one of the following: HUM 203, HUM 212, HUM 222, HUM 262, HUM 282H.
The visual arts in the culture of the medieval and early modern periods of Western civilization.

210. The Visual Arts and Western Culture, Modern (A)
Spring.
4(4-0) Sophomores. Recommended HUM 202, or HUM 221, 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 Western culture since 1700.

211. Music and Western Culture, Ancient (A)
Fall, Winter.
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, MUS 211.
Emphasizes music in an interdisciplinary study of the origins of Western culture in the civilizations of Greece and Rome and in the Judeo-Christian tradition. Uses live and recorded music, an art and music text, a history text, an anthology of readings, and selected paperbacks.

212. Music and Western Culture, Medieval and Early Modern (A)
Fall, Winter, Spring.
4(4-0) Sophomores. Recommended HUM 201, or HUM 202, HUM 221, or HUM 281H.
Students may not receive credit in more than one of the following: HUM 202, HUM 212, HUM 222, HUM 262, HUM 282H, MUS 212.
Interrelatioships of music with other aspects of medieval and early modern Western culture.

213. Music and Western Culture, Modern (A)
Spring.
4(4-0) Sophomores. Recommended HUM 202, or HUM 221, 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, MUS 213.
Interrelatioships of music with other aspects of modern Western culture since 1700.

214. Selected Topics in the Humanities (HUM 327) Fall, Winter, Spring. 3 to 5 credits. May reenroll for a maximum of 5 credits if different topic is taken.
Interdisciplinary study of topics in the humanities.

215./HONORS COURSE: Ancient World (A)
Fall, Winter.
4(4-0) Sophomores. Approval of department.
Students may not receive credit in more than one of the following: HUM 201, HUM 211, HUM 221, HUM 261, HUM 281H.
Western culture through its origins in the civilizations of Greece and Rome and in the Judeo-Christian tradition. Uses history and art texts, selected paperbacks, and other examples from the fields of history, literature, philosophy, religion, and art.

216. HONORS COURSE: Medieval and Early Modern Periods (A)
Fall, Winter.
4(4-0) Sophomores. Approval of department.
Students may not receive credit in more than one of the following: HUM 202, HUM 212, HUM 222, HUM 262, HUM 282H.
Deals with the medieval and early modern stages of Western civilization.