608. **Pediatric Specialty Clerkship**  
Fall, Winter, Spring, Summer. 1 to 17 credits. May re-enroll for a maximum of 43 credits. HM 602; primary clerkship.  
Clinical experiences with pediatric patients under the direction of members of the faculty of the Department of Human Development and community pediatricians. Fall, Saginaw, Winter, Lansing, Spring, Grand Rapids. Summer, Flint.

211. **Environmental Design: Space, Color and Texture — Laboratory**  
Fall, Winter. 2(3-0) 210.  
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) 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) 213 currently.  
Discussion and demonstration of design elements, space, shape, color and texture, and their organization as they are related to man's near environment.

220. **Interior Space Design**  
Fall, Winter. 3(0-6) 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) 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) 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(0-0) Interdepartmental with and administered by the Department of Agricultural Engineering.  
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) 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) 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.

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**HUMAN ENVIRONMENT AND DESIGN — HED**

**College of Human Ecology**

143. **Design for Living I**  
Fall, Winter, Spring. 3(3-0)  
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 man's environment and daily life.

144. **Design for Living II**  
Fall, Winter, Spring. 3(1-4) 143.  
Use of design elements and application of principles in creative problems and media.

152. **Principles of Clothing Construction**  
Fall, Winter, Spring. 3(3-2)  
Principles of clothing construction related to fit, fabric and garment assembling.

171. **Textiles for Consumers**  
Fall, Winter, Spring. 4(5-0)  
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(2-0) 142.  
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) 144 or approval of department.  
Space, color and texture as components of human environment, their effect upon and use by man.

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**HUMAN DEVELOPMENT — HD**

**College of Human Medicine**

520. **Genetics Clinic**  
Fall, Winter, Spring, Summer. 1 to 3 credits. May re-enroll for a maximum of 9 credits.  
Students will interview and examine patients with inherited disorders, perform related laboratory diagnostic procedures, and participate in genetic counseling conferences and discussions.

590. **Special Problems in Human Development**  
Fall, Winter, Spring, Summer. 1 to 6 credits. May re-enroll for a maximum of 12 credits.  
Human Medicine students or approval of department.  
Each student will work under direction of a staff member on an experimental, theoretical or applied problem.
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
Fall, Winter. 4(0-2) Jnr.
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, Winter. 4(3-2) 229.
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) 215, approval of department.
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. 3(0-10) 222 or approval of department.
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 re-enroll for a maximum of 9 credits. 324 or approval of department.
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(2-2) 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) 143; 222 or 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) 252 or approval of department.
Garment design achieved by flat pattern methods. Problems include fitting a master pattern, designing from a block, pattern cutting and garment construction.

360. Merchandising I: Apparel and Home Furnishing Accessories
Winter, Spring. 4(5-1) 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) 143.
Two and three dimensional design as applied specifically to textiles already existent.

367. Crafts: Design with Materials
Fall, Winter, Spring. 3(0-6) 143.
Development of creative design and craft techniques for vocational teaching in home economics.

371. Advanced Textiles
Fall, Winter, Spring. 3(3-0) 171; Juniors.

372. Textiles Laboratory
Fall, Winter, Spring. 1(0-2) 171; 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 re-enroll for a maximum of 16 credits. Senior; approval of department.

405A. Field Study Retail Operations
Fall. 6 credits. Senior majors; 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 re-enroll 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. 4(4-0) 360, MGT 302 or 310.
Retail managers' 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) 320.
The professional practices, standards, and ethics involved in the practice of interior design.

421. Interior Design Residential
Winter, Spring. 4(1-6) 420 or concurrently.
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, Spring. 4(1-6) 430 or concurrently.
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) 353.
Various types of building structures and their methods 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) 455 or concurrently.
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) 430 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.

433. Man and His Shelter
Fall, Spring. 3(3-0) Interdepartmental with and administered by Urban Planning.
Interdisciplinary approach to man and his shelter; role of shelter in the community, housing as a cultural, economic, and institutional force; future developments and needs.

434. Culture, Society and Dress
Fall, Spring. 3(3-0) Juniors.
Socio-cultural study of clothing as an artifact and symbol in Western and non-Western societies. Analysis of functions, cultural patterns, social organization, and socio-cultural 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) 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) 252, 254, 355

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) 171 or approval of department. Contemporary textile advancements which influence the ecosystems of man.

473. Textile Economics
Spring, 3(3-0) 171; EC 201. Economic theory related to textile fiber production and distribution, fabric manufacture; price determination; recycling of resources; current economic concerns within textile industry.

475. History of Apparel Textiles
Winter. 3(3-0) 171 and Juniors. Textiles used for apparel from prehistoric 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) 201. Textile and apparel world trade as a response to patterns of production, political decisions and geographic distribution of resources.

478. 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 re-enroll for a maximum of 6 credits. Approval of department. Special problems and independent study in environmental concerns.

498. Field Study
Fall, Winter, Spring. 4 to 8 credits. May re-enroll 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 re-enroll for a maximum of 9 credits. Approval of department.

800D. Seminar in Psycho-Social-Cultural Aspects of Clothing
Winter. Summer of even-numbered years. 3(3-0) May re-enroll for a maximum of 6 credits. Approval of department.

809C. Research Methods in Human Environment and Design
Fall, Winter, Spring. Variable credit. May re-enroll for a maximum of 9 credits. Approval of department.

813A. Special Problems in Textiles
Fall, Winter, Spring, Summer. Variable credit. May re-enroll for a maximum of 9 credits. Approval of department.

813B. Special Problems in Clothing Construction or Design
Fall, Winter, Spring, Summer. Variable credit. May re-enroll for a maximum of 9 credits. Approval of department.

813C. Special Problems in Related Arts
Fall, Winter, Spring, Summer. Variable credit. May re-enroll 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 re-enroll 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.

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. 3(3-0) Approval of department. Interdepartmental and administered jointly with the Department of Family Ecology.

836. Research and Developments in Family Housing
Winter. 3 to 5 credits. 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 883, 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. Research
Fall, Winter, Spring, Summer. Variable credit. Approval of department.