

HUMAN ENVIRONMENT AND DESIGN

HUMAN ENVIRONMENT AND DESIGN HED

121*. **Apparel I: Two-Dimensional Design**
 Fall. 3(0-6)
 P: HED 140 or concurrently. R: Open only to Apparel Design students.
 Design fundamentals and creative problem solving in apparel design. Visual communication of design ideas through apparel rendering.
 QP: HED 143 QA: HED 251 HED 253

140. **Design for Living**
 Fall, Spring, Summer. 3(3-0)
 R: NONE
 Interior design from the human ecological perspective. Design terminology, design process and the reciprocal impact of the designed environment on human behavior.
 QA: HED 143

142. **Design Theory Studio**
 Fall, Summer. 3(0-6)
 P: HED 140 or concurrently. R: Open only to Interior Design students.
 Design elements and principles in creative problem solving.
 QP: HED 143 QA: HED 144

150. **Interior Design Drafting**
 Spring. 3(1-4)
 P: HED 142. R: Open only to Interior Design students.
 Drafting and two-dimensional drawing for interior design.
 QP: HED 215 HED 216 QA: HED 220

152*. **Interior Environments**
 Spring. 4(2-4)
 C: HED 150 R: Open only to Interior Design and Merchandising Management students.
 Interior design fundamentals and human behavior. Basic problem solving, space planning and design presentation. Residential and commercial studios application.
 QP: HED 144 QA: HED 215 HED 216

222. **Apparel II: Introduction to Three Dimensional Design**
 Spring. 3(0-6)
 P: HED 121. R: Open only to Apparel Design students.
 Garment structuring: pattern development using two-dimensional and three-dimensional styling techniques.
 QA: HED 155 HED 255 HED 355 HED 455

231. **Textiles I: Introductory Textile Science**
 Fall. 4(3-2)
 P: CEM 141, CEM 161.
 Application of basic chemistry to textiles. Structure and finish of fibers and yarns. dye chemistry. Printing applications. Tactile, optical, flammability and electrical properties. Care of textiles.
 QP: CEM 141 CEM 161 QA: HED 171

240*. **Computer Aided Design for Interior Designers**
 Fall. 3(0-6)
 R: Sophomores Human Ecology Interior Design majors
 Introduction to Computer Aided Design applications for Interior Design

242. **Interior Design Presentation and Media**
 Fall. 3(0-6)
 P: HED 152. R: Open only to Interior Design students.
 Design fundamentals as components of interior space. Design communication through three-dimensional drawings in media. Presentation procedures and techniques.
 QP: HED 220 QA: HED 221 HED 311

244. **Interior Design Materials**
 Fall. 3(3-0)
 P: HED 152. R: Not open to freshmen.
 Open only to Interior Design and Merchandising Management students.
 Selection of textiles, materials and components of the built environment.
 QP: HED 144 QA: HED 171 HED 215 HED 216

250. **Structural Systems in Interior Design**
 Spring. 3(1-4)
 P: HED 242. C: HED 252 R: Open only to Interior Design students.
 Structural principles and their relation to interior design.
 QP: HED 223 QA: HED 303 HED 377

252. **Interior Design Synthesis I**
 Spring. 4(1-6)
 P: HED 152. C: HED 250 R: Not open to freshmen. Open only to Interior Design students.
 Design process with emphasis on problem resolution for residential and commercial interiors.
 QP: HED 221 QA: HED 223

261. **Introduction to Merchandising Management**
 Fall, Spring. 3(3-0)
 R: Not open to freshman.
 Merchandising for providing goods and services to individuals and families.
 QA: HED 201

320. **Computer-Aided Design for Apparel Designers**
 Spring. 3(0-6)
 P: HED 222, CPS 100 or CPS 130 or CPS 131. R: Open only to juniors and seniors. Open only to Apparel Design majors.
 Computer aided design applications for apparel designers.
 QP: CPS 100 HED 155 HED 255 HED 355 HED 455

323. **Apparel III: Advanced Three Dimensional Design**
 Fall. 4(1-6)
 P: HED 222. R: Open only to Apparel Design majors.
 Garment structuring: advanced pattern development using two-dimensional and three-dimensional styling techniques.
 QA: HED 155 HED 255 HED 355 HED 455

340*. **Interior Design Specifications and Workroom Practices**
 Fall. 3(2-2)
 P: HED 252. C: HED 342 R: Open only to juniors, seniors and graduate students in Interior Design.
 Specifications and workroom practices used for fabrication and installation of design solutions for interior spaces.
 QP: HED 223 QA: HED 310

342*. **Interior Design: Human Dimensions**
 Fall. 3(2-2)
 P: HED 252. C: HED 340 R: Open only to juniors, seniors and graduate students in Interior Design.
 Human dimensions as determining factors in designing human environments. Standards and concepts of universal fit.
 QP: HED 311 QA: HED 313

344*. **History of Interior Design: Ancient Through Rococo**
 Fall. 3(3-0)
 P: HA 110, HA 111. R: Not open to freshmen and sophomores.
 Historical development of furniture, textiles and other decorative arts in interior design and architecture.
 QP: HA 206 QA: HED 429 HED 430

350*. **Interior Design Lighting and Environmental Systems**
 Spring. 3(2-2)
 P: HED 252. R: Open only to Interior Design majors.
 Lighting and environmental systems including lighting, ventilation, acoustics, heating and cooling. Integration of lighting and environmental systems with interior space.
 QP: HED 223 QA: HED 312

352*. **Interior Design Synthesis II**
 Spring. 4(1-6)
 P: HED 244, HED 342, HED 350. R: Open only to juniors and seniors in Interior Design.
 Concept development and problem solving in design of interior spaces to meet human and environmental needs. Cultural diversity and client interaction.
 QP: HED 312 HED 313 QA: HED 316

354*. **History of Interior Design: Neo-Classical Through Modern**
 Spring. 3(3-0)
 P: HA 110, HA 111, HED 344. R: Not open to freshmen and sophomores.
 Historical development of furniture, textiles and the other decorative arts from the neoclassical through the modern period. Major social, cultural, and psychological influences.
 QP: HA 207 HA 208 QA: HED 430 HED 431

363*. **Promotional Strategies in Merchandising**
 Spring. 3(3-0)
 P: HED 261. R: Open only to juniors and seniors in Merchandising Management.
 Development and implementation of promotional strategies. Consumption decision making.
 QP: HED 201 QA: HED 362

371*. **Merchandise Planning and Buying**
 Fall, Spring. 4(4-0)
 P: HED 261, ACC 201 or ACC 230, MTA 351 or concurrently, CPS 100 or CPS 130 or CPS 131; STT 200 or STT 201.
 R: Open only to juniors and seniors in Merchandising Management.
 Calculations and computer application in the planning and control of merchandising budgets.
 QP: HED 201 ACC 201 ACC 230 CPS 100 MTA 351 QA: HED 360

373*. **Merchandising Management Entrepreneurship**
 Spring. 3(3-0)
 P: HED 261. R: Not open to freshmen and sophomores.
 Small business and the economy. Problems and strategies for effective management. New venture creation.
 QP: HED 201 QA: HED 403

420*. **Dress and Human Behavior**
 Fall of even-numbered years. 3(3-0)
 P: PSY 101. R: Not open to freshmen and sophomores.
 Symbolic and social meaning of dress. Dress of specific groups.
 QP: PSY 160 ORPSY 170 QA: HED 435

424*. **Apparel IV: Functional Design**
 Spring. 4(2-4)
 P: HED 323. C: HED 433 R: Open only to Apparel Design majors.
 Apparel design to meet specialized needs.
 QP: HED 455 QA: HED 456

426*. **History of Costume and Textiles**
 Fall of even-numbered years. 3(3-0)
 P: One ISS course. R: Not open to freshmen and sophomores.
 Western dress and textiles for apparel as a reflection of the cultural milieu.
 QA: HED 383 HED 475

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- 430*.** **Culture, Society and Dress**
Fall of odd-numbered years. 3(3-0)
P: One IAH course, one ISS course. R: Not open to freshmen and sophomores.
Sociocultural study of clothing as an artifact and symbol in Western and non-Western societies. Analysis of functions of dress. Influence of sociocultural structure and change.
QA: HED 434
- 432*.** **Textiles II: Analysis of Structure and Property Relationships**
Fall. 3(3-0)
P: CEM 143, HED 231.
Chemistry of fibers and finishes. Theories of fiber morphology. Quantitative and qualitative characteristics of textiles. Principles of textile testing.
QP: HED 171 CEM 143 QA: HED 371 HED 471
- 433*.** **Textiles III: Laboratory Evaluation**
Spring. 1(0-3)
P: HED 432. C: HED 424
Measurement and evaluation of textile properties.
QP: HED 371 QA: HED 372
- 435*.** **Ecological Issues in Textiles and Apparel**
Spring of even-numbered years. 3(3-0)
P: HED 231. R: Not open to freshmen and sophomores.
Examination of issues associated with the production, distribution, purchase, and use of textiles, apparel, and adornments.
QP: HED 171 QA: HED 472
- 440*.** **Contemporary Design Issues**
Fall. 2(2-0)
R: Open only to seniors in Interior Design and Merchandising Management.
Issues related to design professionals and their clients.
QA: HED 314
- 442*.** **Interior Design Programming**
Fall. 3(1-4)
P: HED 352. R: Open only to Interior Design seniors.
Identifying, programming and preparing schematics of the senior interior design project. Studio sketch portfolio guidelines. Site visits required.
QA: HED 411 HED 413
- 452*.** **Interior Design Synthesis III**
Spring. 4(1-6)
P: HED 442. R: Open only to seniors in Interior Design. Not open to students with credit in HED 310.
Advanced studio processes for solving complex interior design problems. Professional practice standards, ethics and client interaction.
QP: HED 310 HED 411 HED 413 QA: HED 410 HED 417
- 454*.** **Interior Design Communication Methods**
Spring. 3(1-4)
P: HED 442. R: Open only to seniors in Interior Design.
Technical methods and techniques for communicating design concepts.
QP: HED 311 QA: HED 415
- 456*.** **Interior Design Preservation and Conservation**
Fall. 3(2-2)
P: HED 352 or approval of department.
R: Open only to seniors in Interior Design.
The Interior Design component of the preservation movement. Historic restoration and adaptive reuse. Field trips required.
QP: HED 316 QA: HED 441
- 458.** **Housing from an Human Ecological Perspective**
Spring. 3(3-0)
R: Open only to College of Human Ecology majors.
Impact of housing on human beings and families. Psychological and cultural dimensions. Financial and policy factors.
QA: HED 322
- 462*.** **Merchandising Management: Human Resources**
Fall, Spring. 3(3-0)
P: HED 261, MGT 302 or concurrently.
R: Open only to seniors in Merchandising Management.
Analysis, training, evaluation, and supervision of human resources. Intraorganizational communication. Communication with consumers.
QP: MGT 302 ORMGT 310 HED 201 QA: HED 406
- 465*.** **International Consumer Distribution Systems**
Fall. 3(3-0)
P: HED 261, MTA 300 or approval of department. R: Open only to seniors and graduate students.
International merchandising. Influence of economic development on distribution and consumption.
QP: HED 201 MTA 300
- 471*.** **International Buying and Product Development**
Spring. 3(3-0)
P: HED 371, HED 465. R: Open only to seniors in Merchandising Management.
Retailing in the world market. Global procurement. Sourcing strategies and international purchase negotiations.
QP: HED 360 QA: HED 461
- 479*.** **Human Resources in International Merchandising Management**
Spring. 3(3-0)
P: HED 462. R: Open only to seniors and graduate students.
Comparative analysis of human resources for international merchandising management functions.
QP: HED 406 QA: HED 480
- 481*.** **Merchandising Strategy Analysis**
Spring. 3(3-0)
P: HED 363, HED 371, HED 373, HED 462, FI 391. R: Open only to seniors in Merchandising Management.
Strategic and financial planning for retailers.
QP: HED 360 HED 362 HED 403 FI 391
- 490*.** **Independent Study**
Fall, Spring, Summer. 1 to 6 credits.
May reenroll for a maximum of 6 credits.
R: Not open to freshmen and sophomores.
Approval of department.
Supervised individual study in an area of human environment and design.
QA: HED 490
- 490H*.** **Honors Independent Study**
Fall, Spring. 1 to 10 credits. May reenroll for a maximum of 10 credits.
R: Open only to Honors students. Approval of department.
Independent study of selected topics in human environment and design.
QA: HED 400H
- 493A*.** **Internship in Merchandising Management**
Fall. 3 to 8 credits.
P: HED 371, MGT 302, HED 462 or concurrently. R: Open only to Merchandising Management juniors and seniors.
Supervised professional experience in a selected company which cooperates in offering students structured management activities.
QP: HED 360 HED 495AMGT 302OR 310 QA: HED 498A
- 493B*.** **Internship in Apparel Design**
Fall, Spring, Summer. 4 to 6 credits.
P: HED 323. R: Open only to Apparel Design juniors and seniors. Approval of department.
Preprofessional experience in selected business or community.
QP: HED 371 QA: HED 498B
- 493C*.** **Internship in Interior Design**
Summer. 1 to 4 credits.
P: HED 352. R: Open only to Interior Design juniors and seniors.
Preprofessional experiences in selected interior design business or community projects.
QP: HED 352 HED 316 QA: HED 498C
- 802*.** **Research Seminar in Human Environment and Design**
Spring. 1(1-0)
P: HED 801. Approval of department. R: Open only to graduate students in the Department of Human Environment and Design.
Advanced study of topics in human environment and design.
QA: HED 892
- 806*.** **Research Literature in Human Environment and Design**
Fall. 3(3-0)
R: Open only to graduate students.
Investigation into literature in areas of study in human environment and design. Introduction to graduate research.
QA: HED 806
- 821*.** **Dress and Environmental Settings as Nonverbal Communication**
Fall of even-numbered years. 3(3-0)
P: HED 420 or HED 430.
Theory and research on dress and environmental settings as aspects of nonverbal communication. Visual cues, associated meanings and responses. Methodological and ethical issues in applications.
QP: HED 434 ORHED 435 QA: HED 861
- 826*.** **Material Culture**
Fall. 3(3-0)
P: HED 426 or HED 354.
Artifacts of clothing, textiles, and interiors as evidence of material culture. Research, analysis, and interpretations of history, craftsmanship, and use of artifacts to determine function and meaning within a culture.
QP: HED 383 ORHED 475 ORHED 431
- 831*.** **Analysis of Clothing Theory**
Spring of odd-numbered years. 3(3-0)
P: HED 801.
Theories in clothing from behavioral, ecological, cultural, developmental, and aesthetic perspectives.
QP: HED 806 QA: HED 840
- 840*.** **Design Analysis and Programming**
Spring. 3(3-0)
R: Open only to graduate students.
Human performance criteria as design requirements in facilities planning and management.
QA: HED 831 HED 821

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841*. Facilities Design and Management Systems
 Fall. 3(3-0)
 R: Open only to graduate students.
 Facilities management. Organizational and socio-technical systems. Development and operation of facilities design and management as a practice and profession. Fields trips required.
 QA: HED 820

842*. Facilities Performance and Building Economics
 Fall of odd-numbered years. 3(3-0)
 R: Open only to graduate students.
 Qualitative and quantitative approaches to assessing performance of facilities. Management perspectives.

843*. Human Factors and Productivity
 Fall of even-numbered years. 3(3-0)
 R: Open only to graduate students.
 Human factors and ergonomic issues in modern high technology workplaces. Impact of workplace on health, safety, comfort and productivity.
 QA: HED 822

844*. Facilities Project Management
 Spring of even-numbered years. 3(3-0)
 P: HED 841. R: Open only to graduate students.
 Application of project management approaches to facilities design and management. Techniques, computer applications, project team building and change management.

846*. Socio-Cultural and Historical Influences in Human Shelter
 Fall. 3(3-0)
 R: Open only to graduate students.
 Theoretical and empirical perspectives in human shelter. Interaction of humans with their designed environment.
 QA: HED 835

847*. Human Shelter Policy Developments
 Fall. 3(3-0)
 R: Open only to graduate students.
 Development and impact of national shelter policy and program decisions within the context of national priorities, social conditions, and economic trends

850*. Human Environment and Design Theory
 Spring of odd-numbered years. 3(3-0)
 R: Open only to graduate students.
 Theoretical frameworks and models explaining human-environment relationships.
 QA: HED 839

851*. Preservation of Michigan and Midwestern Interiors
 Spring of odd-numbered years. 3(3-0)
 R: Open only to graduate students in Interior Design and Human Environment majors.
 Nineteenth-century interior architecture in Michigan and the midwest. Evaluating physical condition, technology of production, identification of sources and design solutions. Field trips required.
 QA: HED 827

852*. Archival Research and Documentation in Interior Preservation
 Spring of even-numbered years. 3(3-0)
 P: HED 456 or HA 480. R: Open only to graduate students with preservation emphasis in Interior Design and Human Environment.
 Research techniques used in the preservation and restoration of historic structures.
 QP: HED 441 OR HA480

861*. Research in Merchandising Management
 Fall. 3(3-0)
 R: Open only to graduate students.
 Merchandising management research methodology. Implications of research for future directions in merchandising management.
 QA: HED 801

862*. Merchandising Management: Human Resources
 Spring. 3(3-0)
 P: HED 462
 Advanced theory, research, and applications in human resource management in merchandising.
 QP: HED 406 QA: HED 802

863*. Merchandising Management: Consumer Behavior
 Spring. 3(3-0)
 P: HED 861 or approval of department
 Consumer behavior theory, application of consumer behavior models to merchandising management.
 QP: HED 801 QA: HED 803

864*. International Retailing Behavior
 Fall. 3(3-0)
 R: Open only to seniors and graduate students in Merchandising Management, Interior Design and Human Environment, and Apparel and Textiles, and to students in Master of Business Administration programs.
 Global retail systems. Comparison of United States and foreign retail systems.

890A*. Supervised Independent Study in Merchandising Management
 Fall, Spring, Summer. 1 to 4 credits.
 May reenroll for a maximum of 4 credits.
 R: Open only to graduate students.
 Approval of department.
 Independent study in topics related to consumer behavior, human resource management, or international merchandising management.
 QA: HED 813A

890B*. Supervised Independent Study in Apparel and Textiles
 Fall, Spring, Summer. 1 to 4 credits.
 May reenroll for a maximum of 4 credits.
 R: Open only to graduate students.
 Approval of department.
 Independent study in topics related to apparel design, historic costume and textiles, museum collections, or human behavior and ecological relations.
 QA: HED 813B

890C*. Supervised Independent Study in Interior Design and Human Environment
 Fall, Spring, Summer. 1 to 4 credits.
 May reenroll for a maximum of 4 credits.
 R: Open only to graduate students.
 Approval of department.
 Independent study in topics related to facilities design and management, human shelter, or interior design preservation and conservation.
 QA: HED 813C

891A*. Topics in Merchandising Management
 Fall, Spring, Summer. 3(3-0) May reenroll for a maximum of 6 credits.
 R: Open only to seniors and graduate students in Merchandising Management, Interior Design and Human Environment, and Apparel and Textiles.
 Selected topics related to consumer behavior, human resource management, or international merchandising management.

891B*. Topics in Apparel and Textiles
 Fall, Spring, Summer. 3(3-0) May reenroll for a maximum of 6 credits.
 R: Open only to seniors and graduate students in Merchandising Management, Interior Design and Human Environment, and Apparel and Textiles.
 Selected topics related to apparel design, historic costume and textiles, museum collections, or human behavior and ecological relations.

891C*. Topics in Interior Design and Human Environment
 Fall, Spring, Summer. 3(3-0) May reenroll for a maximum of 6 credits.
 R: Open only to seniors and graduate students in Merchandising Management, Interior Design and Human Environment, and Apparel and Textiles.
 Selected topics related to facilities design and management, human shelter, or interior design preservation and conservation.

892A*. Seminar in Merchandising Management
 Fall, Spring, Summer. 3(3-0) May reenroll for a maximum of 6 credits.
 R: Open only to seniors and graduate students.
 Consumer behavior, human resource management, or international merchandising management.
 QA: HED 800A

892B*. Seminar in Apparel and Textiles
 Fall, Spring, Summer. 3(3-0) May reenroll for a maximum of 6 credits.
 R: Open only to seniors and graduate students.
 Apparel design, historic costume and textiles, museum collections, or human behavior and ecological relations.
 QA: HED 800B

892C*. Seminar in Interior Design and Human Environment
 Fall, Spring, Summer. 3(3-0) May reenroll for a maximum of 6 credits.
 R: Open only to seniors and graduate students.
 Facilities design and management, human shelter, or interior design preservation and conservation.
 QA: HED 800C

893A*. Internship in Merchandising Management
 Fall, Spring. 1 to 3 credits. May reenroll for a maximum of 3 credits.
 R: Open only to graduate students.
 Approval of department.
 Supervised internship in a professional setting in consumer behavior, human resource management, or international merchandising management.
 QA: HED 896A

893B*. Internship in Apparel and Textiles
 Fall, Spring. 2 to 4 credits. May reenroll for a maximum of 4 credits.
 R: Open only to graduate students.
 Approval of department.
 Supervised internship in a professional setting in apparel design, historic costume and textiles, museum collections, or human behavior and ecological relations.
 QA: HED 896B

893C*. Internship in Interior Design and Human Environment
 Fall, Spring. 2 to 6 credits. May reenroll for a maximum of 6 credits.
 R: Open only to graduate students.
 Approval of department.
 Supervised internship in a professional setting in facilities design and management, human shelter, or interior design preservation and conservation.
 QA: HED 896C

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898*. **Master's Project**
 Fall, Spring, Summer. 1 to 4 credits.
 May reenroll for a maximum of 8 credits.
 R: Open only to graduate students in the Department of Human Environment and Design. Master's degree Plan B project. Participation in a project in apparel and textiles, interior design and human environment, or merchandising management.
 QA: HED 890

899*. **Master's Thesis Research**
 Fall, Spring, Summer. 1 to 7 credits.
 May reenroll for a maximum of 20 credits.
 R: Open only to graduate students in the Department of Human Environment and Design.
 QA: HED 899

900*. **Decision Processes in Design and Management**
 Spring. 3(3-0)
 R: Human Environment: Design & Management
 Theoretical analysis and application of decision processes appropriate to the design and management of human environments. Philosophy and methods of productive user participation in environmental change.

901*. **Professional Issues, Grants & Publications**
 Fall. 3(3-0)
 R: 6 and above
 Development of critique and comment related to professional issues. Strategies and techniques related to successful grantmanship and the design and dissemination of academic communication.

902*. **Research Seminar Development**
 Spring. 1(1-0)
 R: 6 and above Human Environment: Design and Management
 Student, faculty, and guest presentations of selected topics related to advanced study in human environment and design. Critical analysis of presented research methodology, statistical procedures, and interpretation of results.

903*. **Doctoral Research Presentation**
 Spring. 2(2-0)
 P: HED 902 or concurrently; approval of department. R: 6 and above Human Environment: Design and Management
 Synthesis and application of research findings through delivery of a research presentation.

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501. **Preceptorship Training**
 Fall, Spring, Summer. 1 to 8 credits.
 May reenroll for a maximum of 24 credits. Interdepartmental with the Department(s) of Family Practice.
 R: One year of graduate-professional program in College of Human Medicine.
 Field experience in primary care.
 QA: HM 500

511*. **Infectious Disease and Immunology**
 Fall. 3(-)
 R: Open only to graduate-professional students in College of Human Medicine. Not open to first year students.
 Basic sciences applied to clinically relevant situations. Problem-based small group experiences.

512*. **Development and Behavior**
 Fall. 2(-)
 R: Open only to graduate-professional students in College of Human Medicine. Not open to first year students.
 Basic sciences applied to clinically relevant situations. Problem-based small group experiences.

513*. **Neurological and Musculoskeletal Domain**
 Fall. 5(-)
 R: Open only to graduate-professional students in College of Human Medicine. Not open to first year students.
 Basic sciences applied to clinically relevant situations. Problem-based small group experiences.

514*. **Major Mental Disorders**
 Fall. 2(-)
 R: Open only to graduate-professional students in College of Human Medicine. Not open to first year students.
 Basic sciences applied to clinically relevant situations. Problem-based small group experiences.

515*. **Cardiovascular Domain**
 Fall. 4(-)
 R: Open only to graduate-professional students in College of Human Medicine. Not open to first year students.
 Basic sciences applied to clinically relevant situations. Problem-based small group experiences.

525*. **Pulmonary Domain**
 Spring. 2(-)
 R: Open only to graduate-professional students in College of Human Medicine. Not open to first year students.
 Basic sciences applied to clinically relevant situations. Problem-based small group experiences.

526*. **Renal and Urinary Domain**
 Spring. 2(-)
 R: Open only to graduate-professional students in College of Human Medicine. Not open to first year students.
 Basic sciences applied to clinically relevant situations. Problem-based small group experiences.

527*. **Digestive Domain**
 Spring. 3(-)
 P: Block I. R: Open only to graduate-professional students in College of Human Medicine. Not open to first year students.
 Basic sciences applied to clinically relevant situations. Problem-based small group experiences.

528*. **Metabolic and Endocrine and Reproductive Domain**
 Spring. 3(-)
 P: Block I. R: Open only to graduate-professional students in College of Human Medicine. Not open to first year students.
 Basic sciences applied to clinically relevant situations. Problem-based small group experiences.

529*. **Dermatologic and Allergy Domain**
 Spring. 1(-)
 P: Block I. R: Not open to first year students. Open only to graduate-professional students in College of Human Medicine.
 Basic sciences applied to clinically relevant situations. Problem-based small group experiences.

531. **Clinical Skills I**
 Fall. 2(1-2)
 R: Graduate Professional students in College of Human Medicine.
 Basic principles of doctor-patient relationship, core interviewing techniques. Exposure to clinical arena.

532. **Clinical Skills II**
 Spring. 2(1-2)
 P: HM 531 R: Graduate-professional students in College of Human Medicine.
 Adult screening physical examination and its integration with data-gathering skills.

533. **Clinical Skills III**
 Summer. 1(1-2)
 P: HM 532 R: Graduate-professional students in College of Human Medicine.
 Age specific screening examinations and integration with data-gathering skills.

535*. **Hematopoietic and Neoplasia Domain**
 Spring. 2(-)
 P: Block I. R: Not open to first year students. Open only to graduate-professional students in College of Human Medicine.
 Basic sciences applied to clinically relevant situations. Problem-based small group experiences.

536*. **Comprehensive Domain**
 Spring. 3(-)
 R: Not open to first year students. Open only to graduate-professional students in College of Human Medicine.
 Basic sciences applied to clinically relevant situations. Problem-based small group experiences.

543. **Human Development and Behavior in Society**
 Summer. 5(4-2)
 R: Graduate-professional students in College of Human Medicine.
 Social science basis of medicine including social and cultural influences on health and behavior. Overview of normal growth and development throughout the life span.

571. **Integrative Clinical Correlations I**
 Fall. 2(2-0)
 P: ANT 551, BCH 521, PSL 501 or all concurrently. R: Graduate-professional students in College of Human Medicine.
 Correlation of the principles of the basic biological and behavioral sciences with the disciplines of clinical medicine using case presentations.

572. **Integrative Clinical Correlations II**
 Spring. 2(2-0)
 P: HM 571, ANT 552, ANT 562, MPH 552, PTH 542 or all concurrently. R: Graduate-professional students in College of Human Medicine.
 Correlation of the principles of the basic biological and behavioral sciences with the disciplines of clinical medicine using case presentations.

573. **Integrative Clinical Correlations III**
 Summer. 1(2-0)
 P: HM 543, HM 572, PHD 523, PHM 563, RAD 553 or all concurrently. R: Graduate-professional students in College of Human Medicine.
 Correlation of the principles of the basic biological and behavioral sciences with the disciplines of clinical medicine using case presentations.

581. **Mentor Program**
 Fall, Spring, Summer. 1(0-2) May reenroll for a maximum of 3 credits.
 R: Graduate-professional students in College of Human Medicine.
 Dimensions of being a physician: skills needed to perform the job with patients and other medical workers. Current trends in the fields.

591. **Special Problems in Human Medicine**
 Fall, Spring, Summer. 1 to 34 credits.
 May reenroll for a maximum of 36 credits.
 R: Graduate-professional students in College of Human Medicine.
 Work under the direction of a faculty member on an experimental, theoretical, or applied program that requires a broad, interdisciplinary approach.