

**Descriptions — Hotel, Restaurant and Institutional Management of Courses**

**353. Professional Work Experience I (W)**  
*Fall, Spring, Summer. 1(1-0)*  
*P: HRI 200. R: Completion of Tier I writing requirement.*  
 Work and training in hospitality management and supervision. Written report detailing work experience.

**454. Professional Work Experience II (W)**  
*Fall, Spring, Summer. 1(1-0)*  
*P: HRI 353. R: Open only to juniors and seniors. Completion of Tier I writing requirement.*  
 Professional workplace experience involving planning, controlling, staffing, and organizing. Professionally written reports detailing experiences required.

**473. Hospitality Industry Research**  
*Fall, Spring. 3(3-0)*  
*P: HRI 337, STT 315. R: Open only to seniors. Not open to students with credit in ML 317.*  
 Strategies and techniques for obtaining, analyzing, evaluating, and reporting relevant research data.

**475. Innovations in Hospitality Marketing**  
*Fall, Spring. 3(3-0)*  
*P: ML 300, HRI 307; HRI 473 or concurrently. R: Open only to seniors.*  
 Marketing of hospitality industry products and concepts, amid global competition and culturally diverse markets and workforces.

**482. Hospitality Managerial Finance**  
*Fall, Spring, Summer. 3(3-0)*  
*P: FI 311. R: Open only to seniors.*  
 Cash flow determination and management. Strategies for financing hospitality ventures and expansion. Determining financial viability of proposed and existing operations.

**485. Advanced Foodservice Management**  
*Fall, Spring, Summer. 3(1-4)*  
*P: HRI 302, HRI 307, HRI 345. R: Open only to seniors in Hotel, Restaurant and Institutional Management.*  
 Beverage management and dining room service. Guest relations and current management topics. Emphasis on foodservice team projects.

**489. Policy Issues in Hospitality Management**  
*Fall, Spring. 3(3-0)*  
*P: HRI 482, HRI 454. R: Open only to seniors in Hotel, Restaurant and Institutional Management. Not open to students with credit in MGT 409.*  
 Management problems and issues in the hospitality industry. Focus on decision-making models. Case study analysis, discussion and written reports.

**490. Independent Study**  
*Fall, Spring, Summer. 1 to 3 credits.*  
 Supervised research in hospitality management and operations.

**491. Current Topics in Hospitality Industry**  
*Spring. 3(3-0)*  
*P: HRI 307. R: Open only to seniors.*  
 Emerging topics or issues confronting the hospitality service industry.

**807. Workforce Management in the Hospitality Industry**  
*Fall. 3(3-0)*  
*R: Open only to graduate students in Business.*  
 Identifying and solving hospitality workforce problems. Topics include leadership styles, interpersonal and organization communication.

**837. Hospitality Computer Information Systems**  
*Spring. 3(3-0)*  
*R: Open only to graduate students in College of Business.*  
 Overview of computer systems and networks designed for the hospitality industry.

**875. Marketing in the Hospitality Industry**  
*Spring. 3(3-0)*  
*R: Not open to first-year graduate students. Open only to MBA students.*  
 A framework for understanding hospitality marketing in a global business environment. Emphasis on industry responses to changing consumer trends, and applying marketing principles to case studies.

**882. Financial Management in the Hospitality Industry**  
*Spring. 3(3-0)*  
*P: ACC 840, FI 889. R: Not open to first-year graduate students. Open only to MBA students.*  
 Interpretation and analysis of financial statements. Budget preparation and analysis. Leasing, franchising, and management contracts.

**885. Seminar in Food and Beverage Systems Management**  
*Fall. 3(3-0)*  
*R: Open only to graduate students in Business. Not open to students with credit in HRI 485.*  
 Management principles and practices in quality food and beverage operations. Emphasis on product, sales, income, and human resource strategies.

**890. Independent Study**  
*Fall, Spring. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.*  
*R: Open only to graduate students in the College of Business. Approval of school.*  
 Faculty-supervised independent study.

**HUMAN ECOLOGY HEC**

**College of Human Ecology**

**201. The Human Ecological Perspective**  
*Fall, Spring. 3(3-0)*  
*R: Not open to freshmen.*  
 Human ecological perspective and philosophy. Holistic, futuristic problem solving.

**290. Independent Study**  
*Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course.*  
*R: Open only to students in the College of Human Ecology.*  
 Individual study of interdisciplinary topics related to the human ecology perspective under the guidance of a faculty member.

**HUMAN ENVIRONMENT AND DESIGN HED**

**Department of Human Environment and Design College of Human Ecology**

**121. Apparel I: Two-Dimensional Design**  
*Fall. 3(0-6)*  
 Design fundamentals and creative problem solving in apparel design. Visual communication of design ideas through apparel rendering.

**140. Design for Living**  
*Fall, Spring, Summer. 3(3-0)*  
 Interior design from the human ecological perspective. The reciprocal impact of the designed environment on human behavior, design terminology, and the design process.

**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.

**150. Interior Design Drafting**  
*Spring. 3(1-4)*  
*R: Open only to Interior Design students.*  
 Drafting and two-dimensional drawing for interior design.

**152. Interior Environments**  
*Fall, Spring. 4(4-0)*  
 Interior design fundamentals and human behavior. Selection of textiles, materials and components of the built environment.

**222. Apparel II: Introduction to Three Dimensional Design**  
*Spring. 3(0-6)*  
*P: HED 121.*  
 Garment structuring: pattern development using two-dimensional and three-dimensional styling techniques.

**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.

**240. Computer Aided Design for Interior Designers**  
*Fall. 3(0-6)*  
*R: Not open to freshmen.*  
 Introduction to computer aided design applications for interior design.

**242. Interior Design Presentation and Media**  
*Fall. 3(0-6)*  
*P: HED 150. 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.

**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.

**250. Structural Systems in Interior Design**  
*Spring. 3(1-4)*  
*P: HED 240, HED 242. C: HED 252.*  
 Structural principles of interior design.

**252. Interior Design Synthesis I**  
*Spring. 4(1-6)*  
*P: HED 242; HED 152 or concurrently. 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.

**261. Introduction to Merchandising Management**  
*Fall, Spring. 3(3-0)*  
*R: Not open to freshman.*  
 Retailing of goods and services. Retail industry structure, location, pricing, promotion, and management.

- 320. Computer-Aided Design for Apparel Designers**  
 Spring. 3(0-6)  
 P: HED 222. R: Open only to juniors or seniors in Apparel Design.  
 Computer aided design applications for apparel designers.
- 323. Apparel III: Advanced Three Dimensional Design**  
 Fall. 4(1-6)  
 P: HED 222.  
 Garment structuring; advanced pattern development using two-dimensional and three-dimensional styling techniques.
- 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. Completion of Tier I writing requirement.  
 Specifications and workroom practices used for fabrication and installation of design solutions for interior spaces.
- 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.
- 344. History of Interior Design: Ancient Through Rococo**  
 Fall. 3(3-0)  
 R: Not open to freshmen and sophomores.  
 Historical development of furniture, textiles and other decorative arts in interior design and architecture.
- 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.
- 352. Interior Design Synthesis II**  
 Spring. 4(1-6)  
 P: HED 342. C: 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.
- 354. History of Interior Design: Neo-Classical Through Modern**  
 Spring. 3(3-0)  
 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.
- 363. Promotional Strategies in Merchandising**  
 Spring. 3(3-0)  
 P: HED 261. R: Open only to juniors and seniors.  
 Development and implementation of promotional strategies. Consumption decision making.
- 371. Merchandise Planning and Buying**  
 Fall, Spring. 4(4-0)  
 P: HED 261, ACC 201 or ACC 230, CPS 100 or CPS 130 or CPS 131, STT 200 or STT 201, ML 351 or concurrently. R: Open only to juniors and seniors. Completion of Tier I writing requirement.  
 Calculations and computer application in the planning and control of merchandising budgets.
- 373. Merchandising Management Entrepreneurship**  
 Fall. 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.
- 420. Dress and Human Behavior**  
 Fall of even-numbered years. 3(3-0)  
 P: PSY 101. R: Not open to freshmen and sophomores. Social psychology of dress as it affects human behavior at the personal and interpersonal levels of social organization. Dress of specific cohort groups.
- 424. Apparel IV: Functional Design**  
 Spring. 4(2-4)  
 P: HED 323. C: HED 433. R: Open only to Apparel Design majors. Completion of Tier I writing requirement.  
 Apparel design to meet specialized needs.
- 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.
- 430. Culture, Society and Dress**  
 Fall of odd-numbered years. 3(3-0)  
 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.
- 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 characterization of textile properties. Principles of textile testing.
- 433. Textiles III: Laboratory Evaluation**  
 Spring. 1(0-3)  
 P: HED 432. C: HED 424.  
 Measurement and evaluation of textile properties.
- 435. Ecological Issues in Textiles and Apparel**  
 Spring. 3(3-0)  
 P: HED 152 or HED 231. R: Not open to freshmen and sophomores. Completion of Tier I writing requirement.  
 Examination of selected health and environmental issues associated with the production, distribution, purchase, and use of textiles, apparel, and adornments.
- 440. Contemporary Design Issues**  
 Fall. 2(2-0)  
 R: Open only to seniors in Interior Design and Merchandising Management. Completion of Tier I writing requirement.  
 Issues related to design professionals and their clients.
- 442. Interior Design Programming**  
 Fall. 3(1-4)  
 P: HED 352. R: Open only to Interior Design seniors. Completion of Tier I writing requirement.  
 Identifying, programming and preparing schematics of the senior interior design project. Studio sketch portfolio guidelines. Site visits required.
- 452. Interior Design Synthesis III**  
 Spring. 4(1-6)  
 P: HED 442. R: Open only to seniors in Interior Design. Completion of Tier I writing requirement.  
 Advanced studio processes for solving complex interior design problems. Professional practice standards, ethics and client interaction.
- 454. Interior Design Communication Methods**  
 Spring. 3(1-4)  
 P: HED 442. R: Open only to juniors and seniors in Interior Design.  
 Technical methods and techniques for communicating design concepts.
- 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.
- 458. Housing from a Human Ecological Perspective**  
 Spring. 3(3-0)  
 R: Not open to freshmen and sophomores.  
 Impact of housing on human beings and families. Psychological and cultural dimensions. Financial and policy factors.
- 462. Merchandising Management: Human Resources**  
 Fall, Spring. 3(3-0)  
 P: HED 261, MGT 302. R: Not open to freshmen and sophomores. Completion of Tier I writing requirement.  
 Analysis, training, evaluation, and supervision of human resources. Intraorganizational communication and human relations.
- 465. International Consumer Distribution Systems**  
 Fall. 3(3-0)  
 P: HED 261, ML 300 or approval of department. R: Not open to freshmen and sophomores. Completion of Tier I writing requirement.  
 Influence of economic development on distribution and consumption. Retailing in the world market.
- 471. International Buying and Product Development**  
 Spring. 3(3-0)  
 P: HED 371. R: Not open to freshmen and sophomores.  
 International merchandising. Global procurement. Sourcing strategies and international purchase negotiations.
- 479. Human Resources in International Merchandising Management**  
 Fall. 3(3-0)  
 P: HED 462 or concurrently. R: Not open to freshmen and sophomores.  
 Comparative analysis of human resources for international merchandising management functions.
- 481. Merchandising Strategy Analysis**  
 Spring. 3(3-0)  
 P: HED 363, HED 371, HED 373, FI 311, or approval of department. R: Open only to seniors in Merchandising Management. Completion of Tier I writing requirement.  
 Strategic and financial planning for retailers.

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

- 490. Independent Study**  
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course.  
R: Not open to freshmen and sophomores. Approval of department.  
Supervised individual study in an area of human environment and design.
- 490H. Honors Independent Study**  
Fall, Spring. 1 to 10 credits. A student may earn a maximum of 10 credits in all enrollments for this course.  
R: Open only to Honors students. Approval of department.  
Independent study of selected topics in human environment and design.
- 493A. Internship in Merchandising Management**  
Fall, Summer. 3 to 8 credits.  
P: HED 371, MGT 302. R: Open only to Merchandising Management juniors and seniors. Approval of department.  
Supervised professional experience in a selected company which cooperates in offering students structured management activities.
- 493B. Internship in Apparel Design**  
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course.  
P: HED 323. R: Open only to Apparel Design juniors and seniors. Approval of department.  
Preprofessional experience in selected business or community.
- 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.
- 801. 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.
- 802. Research Seminar in Human Environment and Design**  
Spring. 1(1-0)  
P: HED 801. R: Open only to graduate students in the Department of Human Environment and Design. Approval of department.  
Advanced study of topics in human environment and design.
- 821. Dress and Environmental Settings as Nonverbal Communication**  
Fall of even-numbered years. 3(3-0)  
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.
- 826. Material Culture**  
Fall. 3(3-0)  
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.
- 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.
- 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.
- 841. Facilities Design and Management Systems**  
Fall. 3(3-0)  
R: Open only to graduate students.  
Facilities management. Organizational and sociotechnical systems. Development and operation of facilities design and management as a practice and profession. Fields trips required.
- 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.
- 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.
- 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.
- 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.
- 852. Archival Research and Documentation in Interior Preservation**  
Spring of even-numbered years. 3(3-0)  
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.
- 861. Research in Merchandising Management**  
Fall. 3(3-0)  
P: Research methods course.  
Merchandising management research methodology. Implications of research for future directions in merchandising management.
- 862. Merchandising Management: Human Resources**  
Spring. 3(3-0)  
P: HED 861.  
Theory, research, and applications in human resource management in merchandising.
- 863. Merchandising Management: Consumer Behavior**  
Fall. 3(3-0)  
Consumer behavior theory, application of consumer behavior models to merchandising management.
- 864. International Retailing Behavior**  
Spring. 3(3-0)  
P: HED 861 or approval of department.  
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. A student may earn a maximum of 4 credits in all enrollments for this course.  
R: Open only to graduate students. Approval of department.  
Independent study in topics related to consumer behavior, human resource management, or international merchandising management.
- 890B. Supervised Independent Study in Apparel and Textiles**  
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course.  
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.
- 890C. Supervised Independent Study in Interior Design and Human Environment**  
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course.  
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.
- 891A. Topics in Merchandising Management**  
Fall, Spring, Summer. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course.  
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) A student may earn a maximum of 6 credits in all enrollments for this course.  
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) A student may earn a maximum of 6 credits in all enrollments for this course.

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) A student may earn a maximum of 6 credits in all enrollments for this course.

Consumer behavior, human resource management, or international merchandising management.

**892B. Seminar in Apparel and Textiles**

Fall, Spring, Summer. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course.

R: Open only to seniors and graduate students. Apparel design, historic costume and textiles, museum collections, or human behavior and ecological relations.

**892C. Seminar in Interior Design and Human Environment**

Fall, Spring, Summer. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course.

R: Open only to seniors and graduate students. Facilities design and management, human shelter, or interior design preservation and conservation.

**893A. Internship in Merchandising Management**

Fall, Spring. 1 to 3 credits. A student may earn a maximum of 3 credits in all enrollments for this course.

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.

**893B. Internship in Apparel and Textiles**

Fall, Spring. 2 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course.

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.

**893C. Internship in Interior Design and Human Environment**

Fall, Spring. 2 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course.

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.

**898. Master's Project**

Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course.

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.

**899. Master's Thesis Research**

Fall, Spring, Summer. 1 to 7 credits. A student may earn a maximum of 20 credits in all enrollments for this course.

R: Open only to graduate students in the Department of Human Environment and Design.

**900. Decision Processes in Design and Management**

Spring. 3(3-0)

R: Open only to doctoral students in Human Environment: Design and Management.

Theory and practice of decision processes in the design and management of human environments. Philosophy and methods of participation in environmental change.

**901. Research Problems in Human Environment and Design**

Fall. 3(3-0)

P: Research methods course. R: Open only to doctoral students in Human Environment: Design and Management.

Identification of researchable problems in apparel and textiles, interior design and facilities management, and merchandising management. Strategies and techniques for preparing grant proposals and documents for publication.

**902. Research Seminar**

Spring. 2(2-0)

P: HED 901 or concurrently. R: Open only to doctoral students in Human Environment: Design and Management.

Intensive study in an area of apparel and textiles, interior design and facilities management, or merchandising management.

**999. Doctoral Dissertation Research**

Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 30 credits in all enrollments for this course.

**HUMAN MEDICINE**

**HM**

**College of Human Medicine**

**501. Preceptorship Training**

Fall, Spring, Summer. 1 to 8 credits. A student may earn a maximum of 24 credits in all enrollments for this course. Interdepartmental with Family Practice.

R: One year of graduate-professional program in College of Human Medicine. Field experience in primary care.

**511. Infectious Disease and Immunology**

Fall. 3 credits.

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. Disorders of Behavior and Development**

Fall. 2 credits.

P: Completion of all Block I required courses. R: Not open to first year students. Open only to graduate-professional students in the College of Human Medicine. Basic sciences applied to clinically relevant situations. Problem-based small group experiences.

**513. Neurological and Musculoskeletal Domain**

Fall. 5 credits.

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 credits.

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 credits.

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 credits.

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 credits.

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 credits.

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 credits.

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 credit.

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.

**534. Clinical Skills IV**

Fall. 2(1-2)

P: HM 533. R: Open only to graduate-professional students in College of Human Medicine.

Advanced interviewing and physical examination skills. Communication of patient-related data with the patient and other health professionals, orally and in writing. Problem solving.