

Human Environment and Design–HED

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 or graduate students in the Merchandising Management, Interior Design and Facilities Management, and Apparel and Textiles major. 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.

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. Master's thesis research.

900 Decision Processes in Design and Management
Spring of odd years. 3(3-0) R: Approval of department. 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:NM: 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.

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. Doctoral dissertation research.

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. 3 credits. P:NM: 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. 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.

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
Fall. 3 credits. R: Open only to graduate-professional students in the College of Human Medicine. Not open to first year students. Basic sciences applied to clinically relevant situations. Problem-based small group experiences.

526 Urinary Tract Domain
Spring. 4 credits. R: Open only to graduate-professional students in the 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:NM: 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:NM: 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.

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:NM: (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:NM: (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:NM: (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.

535 Clinical Skills V
 Spring, Summer. 2(1-2) P:NM: (HM 535) R: Open only to graduate-professional students in College of Human Medicine.

Advanced interviewing and physical examination skills. Oral case presentations and written medical records. Introductory problem solving skills.

536 Comprehensive Domain
 Spring. 2 credits. 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.

539 Hematopoietic/Neoplasia
 Spring. 3 credits. P:NM: Block I. R: Open only to graduate-professional students in College of Human Medicine.

Learn/apply advanced concepts of the basic sciences to clinically relevant situations. Done in integrated, problem-based small group experiences and other 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.

546 The Social Context of Clinical Decisions
 Fall. 2(2-0) P:NM: Completion of Block I requirements. R: Open only to graduate-professional students in College of Human Medicine.

Social perspectives on medicine and medical care.

547 The Social Context of Clinical Decisions II
 Spring. 2(2-0) P:NM: (HM 546) R: Open only to graduate-professional students in College of Human Medicine.

Issues and concepts related to social and professional responsibilities of physicians.

548 Medical Humanities Seminar
 Spring. 2(2-0) P:NM: (HM 547) R: Open only to graduate-professional students in College of Human Medicine.

Issues related to the humanities and human values pertinent to medical practice.

571 Integrative Clinical Correlations I
 Fall. 2(2-0) P:NM: (ANT 551 or concurrently and BMB 521 or concurrently and PSL 501 or concurrently) R: Graduate-professional students in College of Human Medicine.

Correlation of the principles of the basic biological and behavioral sciences with disciplines of clinical medicine using case presentations.

572 Integrative Clinical Correlations II
 Spring. 2(2-0) P:NM: (HM 571 or concurrently and ANT 552 or concurrently and ANT 562 or concurrently and MIC 552 or concurrently and PTH 542 or concurrently) R: Graduate-professional students in College of Human Medicine.

Correlation of the principles of the basic biological and behavioral sciences within the disciplines of clinical medicine using case presentations.

573 Integrative Clinical Correlations III
 Summer. 1(2-0) P:NM: (HM 543 or concurrently and HM 572 or concurrently and PHD 523 or concurrently and PHM 563 or concurrently and RAD 553 or 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) A student may earn a maximum of 3 credits in all enrollments for this course. 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. A student may earn a maximum of 36 credits in all enrollments for this course. R: Graduate-professional students in College of Human Medicine.

Work under the direction of a faculty member on an experimental, theoretical, or applied problem that requires a broad, interdisciplinary approach.

605 Comprehensive Care Clerkship
 Fall, Spring, Summer. 4 to 20 credits. A student may earn a maximum of 20 credits in all enrollments for this course. Interdepartmental with Family Practice. P:NM: (FMP 602) R: Open only to graduate-professional students in College of Human Medicine.

Comprehensive and longitudinal management of patients in ambulatory care settings.

608 Sub-Specialty Clerkships
 Fall, Spring, Summer. 4 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. P:NM: (FMP 602) R: Open only to graduate-professional students in College of Human Medicine.

Hospital-and office-based clinical experiences in sub-specialties in medicine and surgery.

630 Emergency Medicine Clerkship
 Fall, Spring, Summer. 2 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. P:NM: (MED 608) R: Open only to graduate-professional students in the College of Human Medicine.

Clinical diagnosis and treatment of emergencies seen in community emergency departments.

635 Core Competencies I
 Fall. 2 credits. A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with Family Practice; Medicine; Pediatrics and Human Development. P:NM: (FMP 602) R: Open only to graduate-professional students in College of Human Medicine.

A weekly seminar addressing core knowledge and skills from an interdisciplinary perspective.

636 Core Competencies II
 Spring. 2 credits. A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with Family Practice; Medicine. P:NM: (FMP 602) R: Open only to graduate-professional students in College of Human Medicine.

A weekly seminar addressing core knowledge and skills from an interdisciplinary perspective.

637 Core Competencies III
 Spring, Summer. 2 credits. A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with Family Practice; Medicine; Obstetrics, Gynecology and Reproductive Biology; Pediatrics and Human Development; Surgery. P:NM: (FMP 602) R: Open only to graduate-professional students in College of Human Medicine.

A weekly seminar addressing core knowledge and skills from an interdisciplinary perspective.

691 Research Clerkship
 Fall, Spring, Summer. 2 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. P:NM: (HM 690) or approval of community research director. R: Open only to graduate-professional students in the College of Human Medicine.

Biological, behavioral, or clinical research project.

HUMAN NUTRITION AND FOODS HNF

Department of Food Science and Human Nutrition College of Agriculture and Natural Resources College of Human Ecology

150 Introduction to Human Nutrition
 Fall, Spring, Summer. 3(3-0) Interdepartmental with Food Science.

Nutrition needs in life stages from a human ecological perspective. Domestic and international factors affecting the availability of a safe, nutritious food supply. Relationships of food choices to health and disease.

300 Experimental Approaches to Foods
 Fall, Spring. 4(2-4) P:M: Completion of Tier I writing requirement. P:NM: (CEM 143) R: Open to only to juniors or seniors in the Department of Food Science and Human Nutrition.

Effects of preparation methods and ingredient substitutions on chemical and physical properties of food constituents. Effects of changes in chemical and physical properties on functional and sensory attributes of foods.