

## MEDICINE

## MED

### Department of Medicine College of Human Medicine

#### 492 Basics and Methods in Biomedical Research

Fall, Spring, 2(2-0) P: {{(BS 161 or BS 181H) and (BS 171 or BS 191H)} or LB 145} and ((MTH 103 or MTH 110 or MTH 116) or designated score on Mathematics Placement test ) and (CEM 252 or CEM 352) R: Open to sophomores or juniors or seniors or approval of department.

Introduction to research concepts, strategies, methods and laboratory techniques in biomedical research. Laboratory safety, regulations, quality control and quality assurance. Online presentations and hands-on experience.

#### 608 Internal Medicine Clerkship

Fall, Spring, Summer. 2 to 18 credits. A student may earn a maximum of 42 credits in all enrollments for this course. RB: MED 602 R: Open only to graduate-professional students in College of Human Medicine.

Community hospital clerkship. Interviewing skills, history, physical examination. Problem solving and therapy. Care of the whole patient leading to independence in patient management.

#### 609 Hematology Clerkship

Fall, Spring, Summer. 2 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. RB: MED 608 R: Open only to graduate-professional students in College of Human Medicine.

Data collection, problem solving, and management related to common hematologic disorders of children and adults.

#### 610 Oncology Clerkship

Fall, Spring, Summer. 2 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. RB: MED 608 R: Open only to graduate-professional students in College of Human Medicine.

Data collection, problem solving and management of prevalent cancers in children and adults.

#### 611 Cardiology Clerkship

Fall, Spring, Summer. 2 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. RB: MED 608 R: Open only to graduate-professional students in College of Human Medicine.

Evaluation of patients with cardiac diseases. Special diagnostic procedures including cardiac cuticularization, phonocardiography, echocardiography, and electrocardiography.

#### 612 Nephrology Clerkship

Fall, Spring, Summer. 2 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. RB: MED 608 R: Open only to graduate-professional students in College of Human Medicine.

Integrated concepts of renal physiology and pathophysiology of renal disease. Clinical experience.

#### 613 Dermatology Clerkship

Fall, Spring, Summer. 2 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. RB: MED 608 R: Open only to graduate-professional students in College of Human Medicine.

Experience in a dermatologist's office to develop clinical, observational, and diagnostic skills in dermatology.

#### 614 Pulmonary Clerkship

Fall, Spring, Summer. 2 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. RB: MED 608 R: Open only to graduate-professional students in College of Human Medicine.

Pulmonary physiology. Evaluation of pulmonary function. Diagnosis and treatment of common pulmonary diseases.

#### 615 Gastroenterology Clerkship

Fall, Spring, Summer. 2 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. RB: MED 608 R: Open only to graduate-professional students in College of Human Medicine.

Experience with gastrointestinal problems in ambulatory and hospital settings. Emphasis on continuity and comprehensive care.

#### 616 Allergy Clerkship

Fall, Spring, Summer. 2 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. RB: MED 608 R: Open only to graduate-professional students in College of Human Medicine.

Ambulatory and hospital based experience to develop diagnostic skills in allergy. Review of basic therapeutics related to allergic diseases.

#### 618 Infectious Diseases Clerkship

Fall, Spring, Summer. 2 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. RB: MED 608 R: Open only to graduate-professional students in College of Human Medicine.

Clinical problems in infectious and immunologic diseases. Integrated basic science input is provided in seminars.

#### 622 Endocrinology and Metabolism Clerkship

Fall, Spring, Summer. 2 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. RB: MED 608 R: Open only to graduate-professional students in College of Human Medicine. SA: MED 620

Clinical and/or clinical-research clerkship: endocrine diseases, electrolyte abnormalities, endocrine hypertension, or diabetes mellitus.

#### 623 Advanced Medicine

Fall, Spring, Summer. 6 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. RB: MED 608 R: Open only to graduate-professional students in the College of Human Medicine.

Hospital-based clinical experience in diagnosing and managing acutely ill patients with non-surgical problems.

#### 626 Physical Medicine and Rehabilitation Clerkship

Fall, Spring, Summer. 2 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. RB: MED 608 R: Open only to graduate-professional students in College of Human Medicine.

Developing regimens for physical medicine procedures, occupational therapy and rehabilitation skills.

#### 627 Rheumatology Clerkship

Fall, Spring, Summer. 2 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. RB: MED 608 R: Open only to graduate-professional students in College of Human Medicine.

Combined ambulatory and hospital consultative clerkship for diagnostic skills in areas of rheumatic diseases.

#### 628 Advanced Internal Medicine

Fall, Spring, Summer. 2 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. RB: MED 608 R: Open only to graduate-professional students in College of Human Medicine.

Clinical experiences to refine diagnostic and management skills in general internal medicine.

#### 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. RB: MED 608 R: Open only to graduate-professional students in College of Human Medicine.

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

#### 632 Occupational Medicine Clerkship

Fall, Spring, Summer. 2 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. RB: MED 608 R: Open only to graduate-professional students in College of Human Medicine.

Health problems of chemical and mineral dust, radiation, and repetitive trauma.

#### 633 Extended Clinical Experience

Fall, Spring, Summer. 6(6-0) P: MED 608

Based in community hospitals and ambulatory sites, this is a 4 week clinical experience emphasizing interviewing skills, history, physical exam, problem solving and therapy.