

MEDICINE

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**Department of Medicine
College of Human Medicine**

- 492 Basics and Methods in Biomedical Research**
Fall, Spring. 2 to 4 credits. 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: 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: FMP 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. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: MED 608 or HM 556 R: Open to graduate-professional students in the College of Human Medicine.
Data collection, problem solving, and management related to common hematologic disorders of children and adults. Pathobiology of blood.
- 610 Oncology Clerkship**
Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: MED 608 or HM 556 R: Open to graduate-professional students in the College of Human Medicine.
Data collection, problem solving and management of prevalent cancers in children and adults. Standard therapies and emerging experimental therapies. Pathobiology of cancer.
- 611 Cardiology Clerkship**
Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: MED 608 or HM 556 R: Open to graduate-professional students in the College of Human Medicine.
Evaluation of patients with cardiac diseases. Special diagnostic procedures including cardiac cuticularization, phonocardiography, echocardiography, and electrocardiography. Pathobiology of heart disease.
- 612 Nephrology Clerkship**
Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: MED 608 or HM 556 R: Open to graduate-professional students in the College of Human Medicine.
Integrated concepts of renal physiology and pathophysiology of renal disease. Clinical experience.

- 613 Dermatology Clerkship**
Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: MED 608 or HM 556 R: Open to graduate-professional students in the College of Human Medicine.
Clinical, observational and diagnostic skills in dermatology. Treatment of common dermatologic problems in outpatient and inpatient setting.
- 614 Pulmonary Clerkship**
Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: MED 608 or HM 556 R: Open to graduate-professional students in the College of Human Medicine.
Pulmonary pathophysiology. Evaluation of pulmonary function. Diagnosis and treatment of common pulmonary diseases. Principles and practice of mechanical ventilation.
- 615 Gastroenterology Clerkship**
Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: MED 608 or HM 556 R: Open to graduate-professional students in the College of Human Medicine.
Gastrointestinal problems in ambulatory and hospital settings. Pathobiology of gastrointestinal disease.
- 616 Allergy Clerkship**
Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: MED 608 or HM 556 R: Open to graduate-professional students in the College of Human Medicine.
Ambulatory and hospital based experience to develop diagnostic and management skills in allergy. Therapy for common allergic diseases.
- 618 Infectious Diseases Clerkship**
Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: MED 608 or HM 556 R: Open to graduate-professional students in the College of Human Medicine.
Clinical problems in infectious and immunologic diseases. Integrated pathobiology of host defense and pathogen interactions. Standard and emerging pharmacotherapy.
- 619 Advanced Internal Medicine-Ambulatory**
Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: MED 608 or HM 556 R: Open to graduate-professional students in the College of Human Medicine.
Clinical experiences to refine diagnostic and management skills of the complicated general internal medicine patient in the ambulatory setting.
- 621 Advanced Internal Medicine-Inpatient**
Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: MED 608 or HM 556 R: Open to graduate-professional students in the College of Human Medicine.
Clinical experiences to refine diagnostic and management skills of the complicated general internal medicine patient in the inpatient setting.

- 622 Endocrinology and Metabolism Clerkship**
Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: MED 608 or HM 556 R: Open to graduate-professional students in the College of Human Medicine. SA: MED 620
Clinical and/or clinical-research experience in endocrine diseases, electrolyte abnormalities, endocrine hypertension, or diabetes mellitus. Pathobiology of major endocrine and metabolic disorders.
- 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.
- 624 Geriatric Clerkship**
Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: MED 608 or HM 556 R: Open to graduate-professional students in the College of Human Medicine.
Clinical experiences to refine diagnostic and management skills in elderly internal medicine patients in the inpatient, outpatient or nursing facility setting.
- 626 Physical Medicine and Rehabilitation Clerkship**
Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: MED 608 or HM 556 R: Open to graduate-professional students in the College of Human Medicine.
Rehabilitation medicine using a comprehensive, multidisciplinary approach. Regimens for physical medicine procedures, occupational therapy, rehabilitation skills. Evaluation of disabled patients. Indications for electrodiagnostic procedures.
- 627 Rheumatology Clerkship**
Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: MED 608 or HM 556 R: Open to graduate-professional students in the College of Human Medicine.
Combined ambulatory and hospital consultative clerkship for diagnostic skills and treatment of rheumatic diseases.
- 628 Advanced Internal Medicine: Senior Medicine Sub-Internship**
Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: MED 608 or MED 641 R: Open to graduate-professional students in the College of Human Medicine.
Advanced clinical experiences to refine diagnostic and management skills in complicated general internal medicine patients.

Medicine—MED

632 Occupational Medicine Clerkship
Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: MED 608 or HM 556 R: Open to graduate-professional students in the College of Human Medicine.

Occupational and environmental differential diagnosis of common diseases due to chemical and mineral dust, radiation, and repetitive trauma. Legal and ethical dimensions.

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.

634 Advanced Internal Medicine: Intensive Care Medicine/Critical Care
Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: MED 608 or MED 641 R: Open to graduate-professional students in the College of Human Medicine.

Experience in managing critically ill patients.

635 Advanced Internal Medicine: Women's Health
Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: HM 556 or MED 608 R: Open to graduate-professional students in the College of Human Medicine.

Clinical experience in women's health, including normal aging, menopause, common primary care problems.

636 Advanced Internal Medicine: Medicine/Pediatrics
Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: MED 641 or MED 608 R: Open to graduate-professional students in the College of Human Medicine.

Clinical care of adults and children by internal medicine/pediatric faculty focusing on primarily ambulatory, with the potential for inpatient experiences.

641 Internal Medicine Clerkship in the Late Clinical Experience
Fall, Spring, Summer. 6 credits. P: HM 556 R: Open to graduate-professional students in the College of Human Medicine.

Clinical experience in which students take primary responsibility for managing the care of adult patients under the supervision of senior residents and/or attending physicians

643 Medicine Critical Care
Fall, Spring, Summer. 6 credits. P: MED 641 R: Open to graduate-professional students in the College of Human Medicine.

Hospital-based clinical experience in evaluating and managing acutely ill adult patients.

644 Internal Medicine Clerkship in the Late Clinical Experience Remediation
Fall, Spring, Summer. 3(3-0) P: MED 641 R: Open to graduate-professional students in the College of Human Medicine.

Interviewing skills, history, physical exam, problem solving and therapy based in community hospitals and/or ambulatory sites.

645 Medicine Critical Care Remediation
Fall, Spring, Summer. 3(3-0) P: HM 556 R: Open to graduate-professional students in the College of Human Medicine.

Hospital-based clinical experience in evaluating and managing acutely ill adult patients.