

## INTERNAL MEDICINE IM

### Department of Internal Medicine College of Osteopathic Medicine

- 400 Emergency Medicine Research I**  
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course. P:M: Completion of Tier I writing requirement. RB: Pre-professional health science. R: Approval of department.  
Participation with an emergency medicine resident and faculty member on an emergency medicine research project. Experience in data collection, data entry, statistical analysis, and manuscript preparation.
- 401 Clinical Emergency Medicine Research I**  
Fall, Spring. 4(2-4) RB: Pre-professional health science. R: Open only to juniors or seniors. Approval of department.  
Participation in multiple research projects at an off-campus hospital. Experience in data collection and analysis. Emphasis on writing reports covering topics in emergency medicine.
- 402 Emergency Medicine Research II**  
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course. P:M: IM 400 RB: Pre-professional health science. R: Approval of department  
Continuation of IM 400 with participation in an existing or new emergency medicine research project. Emphasis on developing advanced skills in research design, data collection, data entry, statistical analysis, and report writing.
- 403 Clinical Emergency Medicine Research II**  
Fall, Spring. 4(2-4) P:M: IM 401 RB: Pre-professional health science. R: Approval of department.  
Advanced research in clinical emergency medicine. Experience developing a clinical research question and proposal writing. Data analysis using a statistical software package. Writing up research results.
- 500 Emergency Medicine—Clinical Exposure**  
Fall, Spring, Summer. 1(1-0) R: Open only to graduate-professional students in the College of Osteopathic Medicine.  
Introduction to basic emergency clinical medicine.
- 590 Special Problems in Internal Medicine**  
Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 48 credits in all enrollments for this course. R: Open only to graduate-professional students in the College of Osteopathic Medicine. Approval of department.  
Students work under faculty direction on an experimental, theoretical, or applied problem.
- 602 Primary Care Ambulatory Clerkship**  
Fall, Spring, Summer. 1 to 36 credits. A student may earn a maximum of 36 credits in all enrollments for this course. Interdepartmental with Family and Community Medicine and Osteopathic Surgical Specialties and Osteopathic Medicine and Pediatrics and Psychiatry. Administered by Osteopathic Medicine.  
A 24-week ambulatory care continuity experience involving 12 weeks in a multidisciplinary environment (family medicine, pediatrics, and internal medicine), 4 weeks in family medicine and 8 weeks in specialty areas (internal medicine, surgery, pediatrics, and obstetrics and gynecology). Didactic sessions are scheduled concurrently.
- 618 Clinical Tropical Medicine**  
Fall. 2(2-0) SA: CMS 618  
Selected topics such as African AIDS, malaria, onchocerciasis, tuberculosis, and schistosomiasis. Pathophysiology, treatments, epidemiology, current research, and controversies.
- 620 Directed Studies**  
Fall, Spring, Summer. 1 to 30 credits. A student may earn a maximum of 48 credits in all enrollments for this course. RB: Completion of Units I and II. R: Open only to graduate-professional students in the College of Osteopathic Medicine.  
Individual or group work on special problems in medicine related to internal medicine.
- 621 Clinical Tropical Medicine Clerkship**  
Spring. 1 to 20 credits. A student may earn a maximum of 20 credits in all enrollments for this course. RB: IM 618 R: Open only to graduate-professional students in the colleges of Osteopathic and Human Medicine. SA: CMS 621  
Supervised clinical experiences in a large African teaching hospital and its outpatient clinics; students must spend at least six weeks on site. Small group discussions led by MSU faculty.
- 650 Medicine Clerkship**  
Fall, Spring, Summer. 1 to 20 credits. A student may earn a maximum of 20 credits in all enrollments for this course. RB: Completion of Units I and II. R: Open only to graduate-professional students in the College of Osteopathic Medicine.  
Clinical exposure in osteopathic medicine. Program developed to achieve proficiency in motor skills and aptitudes; comprehension of concepts and principles; patient evaluation; diagnosis; management; therapy.
- 651 Cardiology Clerkship**  
Fall, Spring, Summer. 1 to 20 credits. A student may earn a maximum of 30 credits in all enrollments for this course. RB: Completion of Units I and II. R: Open only to graduate-professional students in the College of Osteopathic Medicine.  
Intensive experience in bedside diagnosis and care of patients with the more frequently seen cardiac problems.
- 652 Gastroenterology Clerkship**  
Fall, Spring, Summer. 1 to 20 credits. A student may earn a maximum of 30 credits in all enrollments for this course. RB: Completion of Units I and II. R: Open only to graduate-professional students in the College of Osteopathic Medicine.  
Inpatient and outpatient clinical gastroenterology. GI diseases. Patient evaluation and management. Behavioral science and patient care.
- 653 Oncology and Hematology Clerkship**  
Fall, Spring, Summer. 1 to 20 credits. A student may earn a maximum of 30 credits in all enrollments for this course. RB: Completion of Units I and II. R: Open only to graduate-professional students in the College of Osteopathic Medicine.  
Diagnosis, staging, and treatment methods of solid tumors and other neoplasms. Pharmacology of cytotoxic agents. Issues in nutrition. Behavioral approaches to the terminally ill patient.
- 654 Pulmonary Disease Clerkship**  
Fall, Spring, Summer. 1 to 20 credits. A student may earn a maximum of 30 credits in all enrollments for this course. RB: Completion of Units I and II. R: Open only to graduate-professional students in the College of Osteopathic Medicine.  
Evaluation and treatment of patients with common pulmonary diseases including acute and chronic respiratory failure, primary and metastatic lung tumors, various bacterial and non-bacterial pneumonias.
- 655 Nephrology Clerkship**  
Fall, Spring, Summer. 1 to 20 credits. A student may earn a maximum of 30 credits in all enrollments for this course. RB: Completion of Units I and II. R: Open only to graduate-professional students in the College of Osteopathic Medicine.  
Clinic and hospital based experience to develop basic skills in evaluation and management of patients with renal disease. Integration of renal physiology and pathophysiology.
- 657 Emergency Medicine Clerkship**  
Fall, Spring, Summer. 1 to 20 credits. A student may earn a maximum of 30 credits in all enrollments for this course. RB: Completion of Units I and II. R: Open only to graduate-professional students in the College of Osteopathic Medicine.  
Acute evaluation and management of patients in the hospital emergency room and other locations.