601 Clinical Emergency Medicine Research I
Fall, Spring. 4(2-4) RB: Pre-professional health science. R: Open to 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.

603 Core Clinical Concepts
Fall, Spring, Summer. 1 to 9 credits. A student may earn a maximum of 9 credits in all enrollments for this course. Interdepartmental with Family and Community Medicine and Osteopathic Medical Specialties. Proficiency in motor skills and aptitudes; comprehension of concepts and principles; patient evaluation; diagnosis; management; therapy.

605 Nephrology Clerkship
Fall, Spring, Summer. 1 to 20 credits. A student may earn a maximum of 30 credits in all enrollments for this course. R: Open 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.

607 Core Emergency Medicine Clerkship
Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 30 credits in all enrollments for this course. R: Open to graduate-professional students in the College of Osteopathic Medicine. Acute evaluation and management of patients in the hospital emergency department and other locations.

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.

619 Readiness for Residency: A Simulation Based Competency Skills Assessment
Spring. 3(2-2) RB: Years 1-4 of curriculum for MSUCOM R: Open to graduate-professional students in the College of Osteopathic Medicine.
A simulation and classroom based rotation to assess procedural and communication skills.
663 Emergency Medicine/Wilderness/Austere Medicine Clerkship
Fall, Spring, Summer. 1 to 20 credits. A student may earn a maximum of 30 credits in all enrollments for this course. R: Open to graduate-professional students in the College of Osteopathic Medicine.
Acute evaluation and management of patients in the austere environment – wilderness or other location, including disaster medicine, and emergency medicine system.

664 Pediatric 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. R: Open to graduate-professional students in the College of Osteopathic Medicine.
Acute evaluation and management of patients in the hospital based pediatric emergency department.

665 Emergency Medicine Advanced Clerkship
Fall, Spring, Summer. 1 to 20 credits. A student may earn a maximum of 30 credits in all enrollments for this course. R: Open to graduate-professional students in the College of Osteopathic Medicine.
Advanced acute evaluation and management of patients in the hospital emergency department and other locations.

666 Emergency Medicine Toxicology
Fall, Spring, Summer. 3 to 18 credits. A student may earn a maximum of 18 credits in all enrollments for this course. R: Open to graduate-professional students in the College of Osteopathic Medicine.
Evaluation and management of patients who suffer from an exposure to any form of toxins, the typical clinical presentation, evaluation and management including antidotes.

667 Emergency Medicine Hyperbaric Medicine and Wound Management
Fall, Spring, Summer. 3 to 18 credits. A student may earn a maximum of 18 credits in all enrollments for this course. R: Open to graduate-professional students in the College of Osteopathic Medicine.
Management of wounds from all causes, including the use of a hyperbaric chamber as a treatment strategy.

668 Emergency Medicine EMS and Disaster Management
Fall, Spring, Summer. 3 to 18 credits. A student may earn a maximum of 18 credits in all enrollments for this course. R: Open to graduate-professional students in the College of Osteopathic Medicine.
Emergency Medical Services and Disaster Management designed to expose the student to multiple facets of emergency care in the community and outside the emergency department, including community disaster preparedness.

669 Emergency Medicine Ultrasound
Fall, Spring, Summer. 3 to 18 credits. A student may earn a maximum of 18 credits in all enrollments for this course. R: Open to graduate-professional students in the College of Osteopathic Medicine.
Bedside ultrasound, integrating curriculum related to the physics and orientation of ultrasound images to obtaining images at the bedside to begin a portfolio.

690 Internal Medicine Clerkship Essentials
Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. R: Open to students in the College of Osteopathic Medicine.
Case-based review of essential topics in internal medicine.