EMERGENCY MEDICINE (MEM)

MEM 6142 Radiology (1)
Pre-requisite(s): MEM 6330
A rotation to orient the Emergency Medicine Physician Assistant Resident to the concepts of radiology in emergency medicine.

MEM 6143 Oral-Maxillary Facial Surgery (1)
Pre-requisite(s): MEM 6330
A rotation emphasizing the management of head and neck disorders. Practicum and didactics in the disorders of the head and neck.

MEM 6144 Toxicology (1)
Pre-requisite(s): MEM 6330
A rotation emphasizing toxicological presentations encountered in the emergency department.

MEM 6210 Emergency Airway, Anesthesia, and Pain Management (2)
Pre-requisite(s): MEM 6330
The MEM 6210 rotation orients the emergency medicine physician assistant (EMPA) to the concepts and application of emergency airway management, the spectrum of anesthesia, and pain management in emergency medicine. This is a comprehensive rotation composed of a two-week rotation within the hospital setting.

MEM 6211 Emergency Treatment of Orthopedic Injuries, Emergency Ultrasounds, and Emergency Radiology (2)
Pre-requisite(s): MEM 6330
Study of concepts of orthopedic conditions encountered in the emergency department.

MEM 6215 Pediatric Non-Traumatic Musculoskeletal Disorders, Abuse, and Assault (2)
Pre-requisite(s): MEM 6330
The study of diseases, non-traumatic muscular skeletal disorders, assault and abuse in the pediatric emergency department patient.

MEM 6223 Advanced Cardiovascular, Pulmonary, Hematologic, Oncologic, and Psychosocial Disorders (2)
Pre-requisite(s): MEM 6213
The study of advanced concepts of cardiovascular, pulmonary, hematologic, oncologic, and psychosocial diseases encountered in an emergency department environment.

MEM 6224 Advanced Gastrointestinal, Genitourinary Obstetrics, and Gynecology Diseases (2)
Pre-requisite(s): MEM 6214
The study of advanced concepts in gastrointestinal, genitourinary, obstetrics, and gynecology diseases encountered in an emergency department environment.

MEM 6225 Advanced Pediatrics Non-Traumatic Musculoskeletal Disorders, Abuse, and Assault (2)
Pre-requisite(s): MEM 6215
The advanced study of diseases, non-traumatic muscular skeletal disorders, assault, and abuse in the pediatric emergency department patient.

MEM 6226 Advanced Emergency Wound Management, Environmental Injuries, and Trauma (2)
Pre-requisite(s): MEM 6216
The study of advanced concepts in wound management, environmental injuries, and trauma encountered in the emergency department.

MEM 6227 Advanced Infectious Disease, Endocrinology, and Neurology (2)
Pre-requisite(s): MEM 6217
The study of advanced concepts in infectious diseases, endocrinologic, and neurologic disorders that are encountered in an emergency department.

MEM 6233 Emergency Department 3 (2)
Pre-requisite(s): MEM 6330
General emergency medicine rotation to apply the concepts of medical practice in an emergency department setting.

MEM 6234 Emergency Department 4 (2)
Pre-requisite(s): MEM 6330
General emergency medicine rotation to apply the concepts of medical practice in an emergency department setting.

MEM 6235 Emergency Department 5 (2)
Pre-requisite(s): MEM 6330
General emergency medicine rotation to apply the concepts of medical practice in an emergency department setting.

MEM 6310 Medical Research Design (3)
Co-requisite(s): MEM 6330
This course introduces medical research design. This course focuses on generation of a testable research question, developing a research design that addresses the question and conducting a literature review that supports the study design.

MEM 6311 Approaches to Medical Data Collection and Analysis (3)
Pre-requisite(s): MEM 6310 and MEM 6330
This course introduces approaches to medical data collection and analysis. This course focuses on executing a research protocol, collecting outcome measures accompanying data analysis.

MEM 6312 Techniques for Medical Research and Presentation (3)
Pre-requisite(s): MEM 6311
This course introduces various techniques for medical research presentation. This course takes information obtained in developing a high-quality clinical research project, demographic and outcome measure data and statistical analysis and generates oral and written products for doctoral defense and presentation at local and national venues.

MEM 6322 Concepts of Emergency Medicine 3 (3)
Pre-requisite(s): MEM 6411
This didactic course provides foundational knowledge and skills for the physician assistant to practice in the specialty of emergency medicine. It will introduce emergency medicine physician assistants (EMPA) to the concepts of emergency stabilization, treatment, and resuscitation of common conditions and concerns seen in the emergency department. The key areas of focus include emergency resuscitation, endocrinology, environmental injuries, gastroenterology, genitourinary, gynecology, infectious disease, neurology, obstetrics, orthopedics, trauma management, pediatrics, wound management, and social issues. This will form the basis of knowledge for clinical rotations.

MEM 6330 Introduction to Emergency Medicine (3)
A comprehensive orientation to the field of Emergency Medicine, with formal presentations/lectures, ACLS/PALS, Emergency Department administrative issues, Emergency Medical Services, ethics and professionalism, and an introduction to research in emergency medicine.
MEM 6331 Clinical Emergency Medicine 1 (3)  
Pre-requisite(s): MEM 6330  
This clinical course introduces emergency medicine physician assistants (EMPA) to the concepts of emergency stabilization, treatment, and resuscitation of common conditions and concerns seen in the emergency department. The key areas of focus include obtaining patient histories, performing physical examinations, developing differential diagnoses, procedural competency, and management of emergency department patients. This course facilitates the translation of medical knowledge into clinical application.

MEM 6332 Clinical Emergency Medicine 2 (3)  
Pre-requisite(s): MEM 6330  
This clinical course introduces emergency medicine physician assistants (EMPA) to the concepts of emergency stabilization, treatment, and resuscitation of common conditions and concerns seen in the emergency department. The key areas of focus include obtaining patient histories, performing physical examinations, developing differential diagnoses, procedural competency, and management of emergency department patients. This course facilitates the translation of medical knowledge into clinical application.

MEM 6333 Clinical Emergency Medicine 3 (3)  
Pre-requisite(s): MEM 6330  
This clinical course introduces emergency medicine physician assistants (EMPA) to the concepts of emergency stabilization, treatment, and resuscitation of common conditions and concerns seen in the emergency department. The key areas of focus include obtaining patient histories, performing physical examinations, developing differential diagnoses, procedural competency, and management of emergency department patients. This course facilitates the translation of medical knowledge into clinical application.

MEM 6334 Clinical Emergency Medicine 4 (3)  
Pre-requisite(s): MEM 6330  
This clinical course introduces emergency medicine physician assistants (EMPA) to the concepts of emergency stabilization, treatment, and resuscitation of common conditions and concerns seen in the emergency department. The key areas of focus include obtaining patient histories, performing physical examinations, developing differential diagnoses, procedural competency, and management of emergency department patients. This course facilitates the translation of medical knowledge into clinical application.

MEM 6335 Clinical Emergency Medicine 5 (3)  
Pre-requisite(s): MEM 6330  
This clinical course introduces emergency medicine physician assistants (EMPA) to the concepts of emergency stabilization, treatment, and resuscitation of common conditions and concerns seen in the emergency department. The key areas of focus include obtaining patient histories, performing physical examinations, developing differential diagnoses, procedural competency, and management of emergency department patients. This course facilitates the translation of medical knowledge into clinical application.

MEM 6336 Emergency Department 6 (3)  
Pre-requisite(s): MEM 6330  
General emergency medicine rotation to apply the concepts of medical practice in an emergency department setting.

MEM 6337 Emergency Care Elective 1 (3)  
Pre-requisite(s): MEM 6330  
This clinical course introduces emergency medicine physician assistants (EMPA) to the concepts of stabilization, treatment, and resuscitation of common conditions and concerns seen in critically ill and/or injured patients. The key areas of focus include obtaining patient histories, performing physical examinations, developing differential diagnoses, procedural competency, and management of critically ill and/or injured patients. This course facilitates the translation of medical knowledge into clinical application.

MEM 6338 Emergency Care Elective 2 (3)  
Pre-requisite(s): MEM 6330  
This clinical course introduces emergency medicine physician assistants (EMPA) to the concepts of stabilization, treatment, and resuscitation of common conditions and concerns seen in critically ill and/or injured patients. The key areas of focus include obtaining patient histories, performing physical examinations, developing differential diagnoses, procedural competency, and management of critically ill and/or injured patients. This course facilitates the translation of medical knowledge into clinical application.

MEM 6346 Clinical Research (3)  
Pre-requisite(s): MEM 6330  
The MEM 6346 rotation consists of a didactic phase during the first month of training, dedicated research blocks, and individual research days scheduled throughout the 18-month course. The research course is designed to familiarize the residents with the research process and, more importantly, to facilitate the development of the skills necessary to critically analyze published scientific articles.

MEM 6410 Concepts of Emergency Medicine 1 (4)  
Pre-requisite(s): MEM 6330  
This didactic course provides foundational knowledge and skills for the physician assistant to practice in the specialty of emergency medicine. It will introduce emergency medicine physician assistants (EMPA) to the concepts of emergency stabilization, treatment, and resuscitation of common conditions and concerns seen in the emergency department. The key areas of focus include anesthesia, diagnostic imaging, endocrinology, gastroenterology, genitourinary, gerontology, gynecology, hematology, neurology, obstetrics, oncology, ophthalmology, orthopedics, otolaryngology, toxicology, pain management, pediatrics, psychiatry, and social issues. This will form the basis of knowledge for clinical rotations.

MEM 6411 Concepts of Emergency Medicine 2 (4)  
Pre-requisite(s): MEM 6410  
This didactic course provides foundational knowledge and skills for the physician assistant to practice in the specialty of emergency medicine. It will introduce emergency medicine physician assistants (EMPA) to the concepts of emergency stabilization, treatment, and resuscitation of common conditions and concerns seen in the emergency department. The key areas of focus include cardiology, diagnostic imaging, endocrinology, gastroenterology, genitourinary, gerontology, gynecology, hematology, neurology, obstetrics, oncology, ophthalmology, orthopedics, otolaryngology, toxicology, pain management, pediatrics, psychiatry, and social issues. This will form the basis of knowledge for clinical rotations.

MEM 6439 Pediatrics Emergency Department (4)  
Pre-requisite(s): MEM 6330  
A rotation emphasizing the clinical side of pediatric patients in the emergency department.
MEM 6440 Pediatrics Emergency Department and Pediatric Intensive Care Unit (4)
Pre-requisite(s): MEM 6330
A rotation emphasizing the clinical side of pediatric patients in the Emergency Department and Pediatric ICU.

MEM 6445 Emergency Ultrasound (4)
The MEM 6445 rotation orients the emergency medicine physician assistant (EMPA) to the concepts and application of ultrasound in emergency medicine. This is a comprehensive rotation composed of a four-week rotation of ultrasound (US) in the Emergency Department.

MEM 6447 Surgical Intensive Care Unit (SICU) (4)
Pre-requisite(s): MEM 6330
This clinical course introduces emergency medicine physician assistants (EMPA) to the concepts of stabilization, treatment, and resuscitation of common conditions and concerns seen in the critical care department. The key areas of focus include obtaining patient histories, performing physical examinations, developing differential diagnoses, procedural competency, and management of critically ill and/or injured patients. This course facilitates the translation of medical knowledge into clinical application.

MEM 6448 Medical Intensive Care Unit (MICU) (4)
Pre-requisite(s): MEM 6330
A rotation emphasizing life threatening diseases encountered in the emergency department and managed in the MICU.

MEM 6449 Cardiac Care Unit (CCU) (4)
Pre-requisite(s): MEM 6330
A rotation emphasizing the concepts of cardiovascular diseases encountered in the emergency department and managed in the CCU.

MEM 6450 Clinical Critical Care 4 (4)
Pre-requisite(s): MEM 6330
This clinical course introduces emergency medicine physician assistants (EMPA) to the concepts of stabilization, treatment, and resuscitation of common conditions and concerns seen in the critical care department. The key areas of focus include obtaining patient histories, performing physical examinations, developing differential diagnoses, procedural competency, and management of critically ill and/or injured patients. This course facilitates the translation of medical knowledge into clinical application.