

# 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 Introduction to Emergency Medicine Resuscitation, Shock, and Anesthesia (2)**

Pre-requisite(s): MEM 6330

This course studies the clinical side of resuscitation techniques, shock recognition and treatment, and anesthesia used in the emergency department.

## **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 6212 Toxicology and Oral Maxillary Facial Disorders (2)**

Pre-requisite(s): MEM 6330

This rotation studies concepts of toxicological presentations and oral maxillary facial disorders encountered in the emergency department.

## **MEM 6213 Cardiovascular, Pulmonary, Hematologic, Oncologic, and Psychosocial Diseases and Disorders (2)**

Pre-requisite(s): MEM 6330

The study of concepts of cardiovascular, pulmonary, hematologic, oncologic, and psychosocial diseases encountered in an emergency department environment.

## **MEM 6214 Gastrointestinal, Genitourinary, Obstetrics, and Gynecology Diseases (2)**

Pre-requisite(s): MEM 6330

The study of concepts in gastrointestinal, genitourinary, obstetrics, and gynecology diseases encountered in an emergency department environment.

## **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 6216 Emergency Wound Management, Environmental Injuries, and Trauma (2)**

Pre-requisite(s): MEM 6330

The study of concepts in wound management, environmental injuries, and trauma encountered in the emergency department.

## **MEM 6217 Infectious Disease, Endocrinology, and Neurology (2)**

Pre-requisite(s): MEM 6330

The study of concept in infectious diseases and endocrinologic, and neurologic disorders that are encountered in an emergency department.

## **MEM 6220 Advanced Emergency Medicine, Resuscitation, Shock, and Anesthesia (2)**

Pre-requisite(s): MEM 6210

This course builds upon MEM 6210 and studies the clinical side of resuscitation techniques, shock recognition and treatment, and anesthesia used in the emergency department.

## **MEM 6221 Advanced Emergency Treatment of Orthopedic Injuries, Emergency Ultrasounds, and Emergency Radiology (2)**

Pre-requisite(s): MEM 6211

Study of advanced concepts of orthopedic conditions encountered in the emergency department.

## **MEM 6222 Advanced Toxicology and Oral Maxillary Facial Disorders (2)**

Pre-requisite(s): MEM 6212

This rotation studies advanced concepts of toxicological presentations and oral maxillary facial disorders encountered in the emergency department.

## **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 6231 Emergency Department 1 (2)**

Pre-requisite(s): MEM 6330

General emergency medicine rotation to apply the concepts of medical practice in an emergency department setting.

## **MEM 6232 Emergency Department 2 (2)**

Pre-requisite(s): MEM 6330

General emergency medicine rotation to apply the concepts of medical practice in an emergency department setting.

## **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 6330 Orientation 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 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 Department 7 (3)**

Pre-requisite(s): MEM 6330

General emergency medicine rotation to apply the concepts of medical practice in an Emergency Department setting.

**MEM 6338 Emergency Department 8 (3)**

Pre-requisite(s): MEM 6330

General emergency medicine rotation to apply the concepts of medical practice in an emergency department setting.

**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 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)**

Emergency ultrasound is the medical use of ultrasound technology for the bedside diagnostic evaluation of emergency medical conditions; resuscitation of the acutely ill, critically ill or injured; and guidance of high risk or difficult procedures. Typically, emergency ultrasound is a goal-directed, focused ultrasound examination that answers brief and important clinical questions in an organ system or involving multiple organ systems.

**MEM 6447 Surgical Intensive Care Unit (SICU) (4)**

Pre-requisite(s): MEM 6330

A rotation emphasizing the concepts and management of trauma and post-operative patients encountered in the Emergency Department.

**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 Trauma Surgery (4)**

Pre-requisite(s): MEM 6330

A rotation emphasizing the concepts of trauma management and lifesaving surgery.