

DOCTOR OF MEDICINE

The focus of the medical curriculum is to prepare students for supervised medical practice through clinical integration of material throughout all four years of study.

Program Requirements

The medical curriculum provides the basic science and clinical foundations that will prepare medical students for supervised medical practice in residency and beyond. The Doctor of Medicine degree is awarded at the completion of the four-year program to those students who have attained a passing grade in all required courses and clerkships in the curriculum, who are not on probation, who have passed the USMLE Step 1 and Step 2-CK exams, and who have satisfactorily demonstrated to the faculty the personal and professional qualities essential to the practice of medicine. Students are expected to complete the requirements for the MD degree within six (6) years, not counting time away on leave of absence or pursuit of advanced degrees, such as an MD/PhD.

First Year	Semester Credit Hours
Fall	
PRE-CLERKSHIP PHASE	
MEID 605 Foundations of Medicine I	7
MEID 606 Foundations of Medicine II	5
MEID 607 Medical Gross Anatomy	8
MEID 619 Practice of Medicine I	8
Semester Credit Hours	28
Spring	
MEID 608 Neuroscience	6
MEID 609 Introduction to Disease	9
MEID 616 Cardiovascular	5
MEID 618 Medical Student Grand Rounds	2
MEID 620 Practice of Medicine II	8
Semester Credit Hours	30
Second Year	
Fall	
MEID 617 Respiratory	3
MEID 701 Hematology/Oncology	4
MEID 704 Renal Genitourinary	4
MEID 706 Metabolism/Gastrointestinal/Nutrition	5
MEID 708 Integument-Musculoskeletal	2
MEID 712 Practice of Medicine III	6
Semester Credit Hours	24
Spring	
MEID 707 Endocrinology and Reproductive Sciences	5
MEID 711 Evidence Based Medicine	1
MEID 713 Transition to Clerkship	4
Semester Credit Hours	10
Third Year	
CLINICAL PHASE	
Clerkship ¹	

EMED 800	Emergency Medicine Clerkship	4
MFCM 800	Family Medicine Clerkship	6
IMED 800	Internal Medicine Clerkship	8
NEXT 800	Neurology Clerkship	4
OBGY 800	Obstetrics and Gynecology Clerkship	6
MPED 800	Pediatrics Clerkship	6
MPSY 800	Psychiatry Clerkship	6
MRAD 800	Radiology Clerkship	2
SURG 800	Surgery Clerkship	8
MEID 685	Directed Studies	7
MEID 821	Practice of Medicine IV	1
MEID 822	Practice of Medicine V	1
MEID 823	Practice of Medicine VI - Interprofessional Social and Ethical Dilemmas in Healthcare	1
Semester Credit Hours		60
Fourth Year		
MEID 850	Practice of Medicine Capstone	2
Electives ²		40
Semester Credit Hours		42
Total Semester Credit Hours		194

¹ 12-month curriculum: Courses may be taken in spring of year 2 through the spring of year 3.

² Electives are offered on all medicine campuses. Students may choose from predetermined electives, design custom learning experiences, or participate in offerings at other medical colleges on a limited basis.

- Selective Courses: Within the elective time provided to students, 12 credit hours must follow the specialty specific recommendations. The selective courses were created to help students maximize opportunities and focus training that is complementary to their career goals. Selectives are based on career specialty choice.
- Elective Courses: The Texas A&M School of Medicine electives have been developed to accommodate the diverse educational needs of our students. Students must obtain 28 credit hours of electives to include 4 credit hours of Acting Internship and 4 credit hours of Critical Care. The electives provide students the opportunity to further develop their medical knowledge, skills and attitudes. In addition to the electives that have been developed by the school, students may develop student-initiated electives. Student Initiated Electives (SIEs) allow students in good standing great latitude in designing unique elective experiences. All other electives rules/guidelines must also be followed.

Pre-Clerkship Phase

The first 18 months of the curriculum (pre-clerkship portion) focus on the fundamentals of biomedical science and consist of two components, Foundations and Organ Systems administered in consecutive blocks.

Foundations blocks emphasize the basic structure of the human body and basic principles of other medical science disciplines, i.e., gross anatomy, histology, basic principles of biochemistry, genetics, pharmacology, and cell physiology. Students take integrated courses which cover medical humanities, ethics, leadership, important professional development topics, and Introduction to Clinical Skills, which includes patient history-taking and doctor-patient communication skills and physical diagnosis.

By mid-semester of the first year, students transition into the **Organ Systems** blocks. The Organ Systems blocks cover normal function, pathophysiology and disease-related aspects of the specific organ systems including the basic therapeutic approach to disease. The disciplines covered in Organ Systems blocks include organ-based physiology, organ system/disease-related biochemistry and genetics, pathology, microbiology, immunology, pharmacology, introductory pediatrics and introductory internal medicine. During the Organ Systems blocks, students continue to build skills in integrated humanities and clinical skills.

A 10-week break between first and second year provides time for wellness and student participation in research and/or clinical experiences.

Clinical Phase

During the **Clinical** portion of the curriculum, students rotate on clinical service in required clerkships and have opportunities for elective rotations in areas of interest. During this time, students have the opportunity to experience clinical training in several different patient care venues and locations, including private-practice, academic, and governmental institutions.