

# MPED - PEDIATRICS

## MPED 800 Pediatrics Clerkship

**Credits 1.25 to 15. 1.25 to 15 Other Hours.**

25 to 15. Introductory experience in the practice of pediatrics.

**Prerequisite:** Satisfactory completion of year three of the medical school curriculum.

## MPED 801 Primary Pediatric Care in the Community Setting

**Credits 1.25 to 10. 1.25 to 10 Other Hours.**

The faculty will strive to provide the medical student with an educational experience in the primary community setting which gives comprehensive clinical care to patients of the pediatric age group, newborn-18 years; enable the student to broaden his educational base in well child care and in recognition and management of acute and chronic pediatric conditions/diseases in ambulatory and inpatient settings; and provide the student with broader exposure to the practice of pediatrics and its linkage to Scott and White, Temple Campus as a tertiary care provider.

## MPED 802 Neonatal Intensive Care Unit

**Credits 1.25 to 10. 1.25 to 10 Other Hours.**

The course will provide support and experience necessary for transition from basic understanding of common pediatric problems to assumption of primary patient care. The student will be encouraged to refine his/her neonatal skills and knowledge and introduce them to appropriate use of specialty and sub-specialty consultation. The course will also encourage further development of skills needed to define, locate, and evaluate valuable sources of information dealing with various aspects of neonatal knowledge. Night Call is required, and housing is not provided.

## MPED 804 Pediatric Cardiology

**Credits 1.25 to 10. 1.25 to 10 Other Hours.**

Distinguish normal from abnormal cardiovascular signs and symptoms; teach importance of recognizing and managing, if necessary refer, the cardiac conditions in children.

## MPED 805 Child Neurology

**Credits 1.25 to 10. 1.25 to 10 Other Hours.**

All aspects of the practice of Child Neurology. Demonstrate accurate history and physical assessment skills as pertains to neurological problems in children. Provide daily brief discussions on a clinical neurology topic. Make learning resources readily available to the student; model problem solving approaches to neurologic complaints in children.

## MPED 806 Pediatric Intensive Care Unit

**Credits 1.25 to 10. 1.25 to 10 Other Hours.**

Acquaint the student to pediatric critical care medicine. Explain the rationale for initial treatment of critically ill pediatric patients with common disease process.

## MPED 807 Infectious Disease

**Credits 1.25 to 10. 1.25 to 10 Other Hours.**

Provide an environment conducive to learning. Offer a logical approach to the most common pediatric infectious disease problems. Provide guidance for the student to find appropriate literature pertaining to the patients followed by the service.

## MPED 808 Cardiovascular Surgery

**Credits 1.25 to 10. 1.25 to 10 Other Hours.**

Expose student to surgical correction of congenital heart defects (CHD); Instruct in the anatomy, physiology and pathology of CHD; Preoperative evaluation of CHD patient and Postoperative care of CHD patient.

## MPED 809 Pediatric Diabetes Camp

**Credits 1.25 to 10. 1.25 to 10 Other Hours.**

Learn first-hand diabetes management through an intense exposure to children and adolescents with diabetes mellitus and to enable the student to observe common childhood problems and illnesses in a residential camp setting.

## MPED 810 Pediatric Emergency Medicine

**Credits 1.25 to 10. 1.25 to 10 Other Hours.**

Exercise clinical thinking and develop differential diagnosis, management and disposition for pediatric patients presenting with medical illness; comprehensive clinical experience in acute management of various urgent care concerns for pediatric patients, initial treatment and stabilization, and management/transfer.

## MPED 812 Pediatric Endocrinology and Diabetes

**Credits 1.25 to 10. 1.25 to 10 Other Hours.**

Learn pediatric practices with an emphasis in endocrinology and diabetes. Students must receive approval from the Elective Director for this elective.

## MPED 813 Pediatric

**Credits 1.25 to 6.3. 1.25 to 6.3 Other Hours.**

This is a 4-week elective in allergy and immunology that will provide experience in managing common adult and pediatric allergy and immunology ambulatory illness, and provide experience in managing common pediatric allergy ambulatory illnesses. It will introduce students to uncommon allergic diseases, illustrate broader aspects of pediatric care, as it relates to the care of the child with a chronic allergic condition, and encourage the student to develop skills in carefully evaluating children with allergic or immunologic problems. This elective will also introduce students to an ambulatory health care system dealing with children who have chronic illnesses and require chronic management. There is no night call during this elective, and housing is the responsibility of the student.

## MPED 814 Pediatric and Adult Immunology Outpatient Care

**Credits 1.25 to 10. 1.25 to 10 Other Hours.**

This is a 2- or 4-week elective in allergy and immunology that will provide experience in managing common adult and pediatric allergy and immunology ambulatory illness. It will introduce students to uncommon allergic diseases and illustrate broader aspects of adult and pediatric care, as it relates to the care of patients with chronic allergic conditions. The elective will encourage students to develop skills in carefully evaluating patients with allergic or immunological problems and introduce them to an ambulatory healthcare system dealing with patients who have chronic illnesses and require chronic management. Approximately 70% of patient encounters will be with adults and 20% with children. There is no night call during this elective, and housing is the responsibility of the student.

## MPED 815 Pediatric Gastroenterology

**Credits 1.25 to 10. 1.25 to 10 Other Hours.**

This 2- or 4-week elective is designed to provide the student with experience in the diagnosis and management of common problems encountered in the outpatient and inpatient practice of Pediatric Gastroenterology. Students will independently evaluate new patients in the outpatient clinic for presentation to and review by the attending physicians. Students will also follow patients admitted to the hospital and make daily rounds with the inpatient attending. The elective will also provide the opportunity to participate in Pediatric Gastroenterology endoscopic procedures. Housing is not provided, and no night call is required.

**MPED 818 Neonatal Intensive Care Unit****Credits 1.25 to 10. 1.25 to 10 Other Hours.**

Through participation as an acting intern, the student will develop skills in the assessment, stabilization, diagnosis, and management of critically ill term and premature newborn infants.

**MPED 822 Pediatric and Internal Medicine Combined Ward - Acting Internship****Credits 1.25 to 10. 1.25 to 10 Other Hours.**

Provide fourth year medical students with the opportunity to function as an "acting intern" in Internal Medicine and Pediatrics on general Medicine and Pediatrics service with supervision by senior residents and faculty; help prepare medical students for responsibilities and skills necessary during internship; and provide an opportunity for medical students to get a better experience in Internal Medicine and Pediatrics if they are considering Combined Internal Medicine and Pediatrics or primary care as a possible career.

**MPED 823 Medical Genetics****Credits 1.25 to 10. 1.25 to 10 Other Hours.**

Enable the student to recognize patient in need of genetic services; provide an approach to evaluate patients with Genetic disease; provide students with a basic knowledge of cytogenetics and molecular medicine; and provide students with ethical dilemmas in genetics.

**MPED 824 Pediatric Hematology and Oncology****Credits 1.25 to 10. 1.25 to 10 Other Hours.**

Provide an introduction to the diseases and common complications seen in the practice of Pediatric Hematology/Oncology; a reinforcement of the basic concepts regarding the pathophysiology, clinical evaluation, and management of the problems common in this practice; a familiarity to the student of proper utilization of physical assessment, laboratory, and radiologic tools in diagnosis of hematologic and oncologic childhood diseases; an introduction to the concept of cancer chemotherapy and the rationale of investigational treatment; and a strengthening of the student's ability to assess morphology of peripheral blood and bone marrow, to understand coagulation studies, and to interpret abnormalities of each.

**MPED 827 Pediatric Subspecialties Externship****Credits 1.25 to 10. 1.25 to 10 Other Hours.**

Further the educational experience in the clinical care of pediatric subspecialties and improve the clinical acumen of students in recognizing these subspecialty problems; provide students with an experience which will enable those considering pediatrics as a career choice to further evaluate this decision; and provide students with a broad exposure to the various pediatric education activities.

**MPED 829 Pediatric Acting Internship****Credits 1.25 to 10. 1.25 to 10 Other Hours.**

25 to 10. Support and experience necessary for transition from basic understanding of common pediatric problems to assumption of primary patient care; encourage refinement of his or her pediatric knowledge and skills; introduction to appropriate use of pediatric specialty and sub-specialty consultants; encourage further development of skills needed to define and locate valuable sources of information dealing with various aspects of pediatric knowledge; introduction to management of uncommon pediatric diseases; in depth look at the specialty of pediatrics as a possible career choice.

**MPED 830 Acting Internship in Pediatrics****Credits 1.25 to 10. 1.25 to 10 Other Hours.**

Function as a pediatric intern on the inpatient service at Dell Children's Hospital of Central Texas. He/she will be assigned to a team comprised of an attending physician (faculty) and a senior resident, as well as junior residents and third-year medical students. The student will be assigned patients for which he/she will have primary patient care responsibilities, with appropriate supervision. The student will have the opportunity to interact with residents, attending, subspecialists, and other members of the healthcare team.

**MPED 831 Developmental - Behavioral Pediatrics****Credits 1.25 to 10. 1.25 to 10 Other Hours.**

Enhancement of skills in identifying typical from atypical development and behaviors in infants and children. The student will have the opportunity to participate with the faculty in the assessment and diagnosis of children presenting with developmental delays and/or behavioral problems. The student will encounter a wide spectrum of developmental disabilities, including Autism, Spectrum Disorders, ADHD, Language Disorders, Learning Disabilities, Intellectual Disabilities (formerly mental retardation), genetic syndromes, behavioral health disorders like anxiety and depression, among others. The student will become familiar with the role of medications in children with disabilities. The student will be assigned key reading material as part of independent study.

**MPED 837 Adolescent Medicine****Credits 1 to 15. 1 to 15 Other Hours.**

Participation in care of patients in a military medical center setting; practice interviewing and documentation skills; participation in various procedures as preceptor determines readiness.

**Prerequisites:** Completion of pre-clerkship or basic science curriculum; MPED 800.

**MPED 840 General Pediatrics Outpatient****Credits 0 to 10. 0 Lecture Hours. 0 to 10 Other Hours.**

. Diagnosis and management of common acute and chronic pediatric illnesses; familiarization with routine developmental milestones and childhood anticipatory guidance. Must be taken on a satisfactory/unsatisfactory basis.

**Prerequisite:** Doctor of Medicine classification.

**MPED 842 Evidence Based Parenting****Credits 0 to 10. 0 Lecture Hours. 0 to 10 Other Hours.**

Utilization of literature research skills; development of evidence-based content such as handouts and book reviews regarding parenting topics. Must be taken on a satisfactory/unsatisfactory basis.

**Prerequisite:** Doctor of Medicine classification.

**MPED 846 Pediatric Rheumatology****Credits 0 to 10. 0 Lecture Hours. 0 to 10 Other Hours.**

Exposure to pediatric rheumatic disease and other disease masquerading as rheumatic disease. Must be taken on a satisfactory/unsatisfactory basis.

**Prerequisite:** Doctor of Medicine classification.

**MPED 848 Pediatric Pulmonology****Credits 0 to 10. 0 Lecture Hours. 0 to 10 Other Hours.**

Broad spectrum of pediatric pulmonology outpatient care. Must be taken on a satisfactory/unsatisfactory basis.

**Prerequisite:** Doctor of Medicine classification.

**MPED 985 Off Campus Student Initiated Elective****Credits 1.25 to 15. 1.25 to 15 Other Hours.**

Formally described elective courses at another medical school or off-campus opportunities that are not formally approved electives. The College of Medicine requires that each of these electives be approved prior to the rotation.

**MPED 999 On Campus Student Initiated Elective****Credits 1.25 to 12. 1.25 to 12 Other Hours.**

On-campus opportunity in the Department of Pediatrics in the College of Medicine that is not defined herein. Experiences may include clinical research, basic science research, library research, other basic science activities, and other clinical activities. Students interested in developing an elective of this type should contact the head of the appropriate department for additional details.