

# 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.** Educational experience in the primary community setting which gives comprehensive clinical care to patients of the pediatric age group, newborn-18 years; broaden educational base in well child care and in recognition and management of acute and chronic pediatric conditions/diseases in ambulatory and inpatient settings; and 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.** Support and experience necessary for transition from basic understanding of common pediatric problems to assumption of primary patient care; refinement of neonatal skills and knowledge, and introduction to appropriate use of specialty and sub-specialty consultation; further development of skills needed to define, locate, and evaluate valuable sources of information dealing with various aspects of neonatal knowledge; night call required; housing not provided.

## MPED 804 Pediatric Cardiology

**Credits 1.25 to 10. 1.25 to 10 Other Hours.** Distinguishing the normal from abnormal cardiovascular signs and symptoms; 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; demonstration of accurate history and physical assessment skills as it pertains to neurological problems in children; daily brief discussions on a clinical neurology topic; learning resources readily available; 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.** Acquaintance to pediatric critical care medicine; explanation of 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.** Provides an environment conducive to learning; logical approach to the most common pediatric infectious disease problems; guidance 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.** Exposure to surgical correction of congenital heart defects (CHD); instruction 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.** First-hand diabetes management through an intense exposure to children and adolescents with diabetes mellitus; observation of 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.** Pediatric practices with an emphasis in endocrinology and diabetes; 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.** 4-week elective in allergy and immunology; experience in managing common adult and pediatric allergy and immunology ambulatory illness; experience in managing common pediatric allergy ambulatory illnesses; introduction to uncommon allergic diseases, illustration of broader aspects of pediatric care, as it relates to the care of the child with a chronic allergic condition, and encourages development of skills in carefully evaluating children with allergic or immunologic problems; introduction to an ambulatory health care system dealing with children who have chronic illnesses and require chronic management; no night call and housing responsibility of student.

## MPED 814 Pediatric and Adult Immunology Outpatient Care

**Credits 1.25 to 10. 1.25 to 10 Other Hours.** 2- or 4-week elective in allergy and immunology; experience in managing common adult and pediatric allergy and immunology ambulatory illness; introduction to uncommon allergic diseases and illustration of broader aspects of adult and pediatric care, as it relates to the care of patients with chronic allergic conditions; encourages development of skills in carefully evaluating patients with allergic or immunological problems; introduction 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; no night call and housing responsibility of student.

## MPED 815 Pediatric Gastroenterology

**Credits 1.25 to 10. 1.25 to 10 Other Hours.** 2- or 4-week elective; experience in the diagnosis and management of common problems encountered in the outpatient and inpatient practice of Pediatric Gastroenterology; independently evaluate new patients in the outpatient clinic for presentation to and review by the attending physicians; follow patients admitted to the hospital and make daily rounds with the inpatient attending; opportunity to participate in Pediatric Gastroenterology endoscopic procedures; housing not provided and no night call.

## MPED 818 Neonatal Intensive Care Unit

**Credits 1.25 to 10. 1.25 to 10 Other Hours.** Development of skills in the assessment, stabilization, diagnosis, and management of critically ill term and premature newborn infants through participation as an acting intern.

## MPED 823 Medical Genetics

**Credits 1.25 to 10. 1.25 to 10 Other Hours.** Recognition of patients in need of genetic services; an approach to evaluate patients with genetic disease; basic knowledge of cytogenetics and molecular medicine; and ethical dilemmas in genetics.

## MPED 824 Pediatric Hematology and Oncology

**Credits 1.25 to 10. 1.25 to 10 Other Hours.** Introduction to the diseases and common complications seen in the practice of Pediatric Hematology/Oncology; reinforcement of the basic concepts regarding the pathophysiology, clinical evaluation, and management of the problems common in this practice; familiarization of proper utilization of physical assessment, laboratory, and radiologic tools in diagnosis of hematologic and oncologic childhood diseases; introduction to the concept of cancer chemotherapy and the rationale of investigational treatment; and strengthening of ability to assess morphology of peripheral blood and bone marrow, to understand coagulation studies, and to interpret abnormalities of each.

## MPED 829 Pediatric Acting Internship

**Credits 1.25 to 10. 1.25 to 10 Other Hours.** Support and experience necessary for transition from basic understanding of common pediatric problems to assumption of primary patient care; encourage refinement of 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; assignment to a team comprised of an attending physician (faculty) and a senior resident, as well as junior residents and third-year medical students; assignment of patients for which primary patient care responsibilities will be given, with appropriate supervision; 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; opportunity to participate with the faculty in the assessment and diagnosis of children presenting with developmental delays and/or behavioral problems; 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; familiarization with the role of medications in children with disabilities; assignment of key reading material as part of independent study.

## MPED 834 Pediatric Combined Inpatient and Emergency Department

**Credits 0 to 10. 0 to 10 Other Hours.** Integration of pediatric emergency room care with pediatric inpatient care. **Prerequisites:** Doctor of Medicine classification.

## 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 849 Inpatient Pediatric Hematology/Oncology

**Credits 0 to 10. 0 to 10 Other Hours.** Exposure to the management of acute and chronic management of inpatient pediatric hematologic and oncologic processes and diseases. **Prerequisites:** 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; School of Medicine requires that each of these electives be approved prior to the rotation.

## MPED 989 Special Topics in...

**Credits 0 to 10. 0 to 10 Other Hours.** Selected topics in an identified area of pediatrics. May be repeated for credit. Must be taken on a satisfactory/unsatisfactory basis. **Prerequisites:** Doctor of Medicine classification.

## **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 School 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; interest in developing an elective of this type should contact the head of the appropriate department for additional details.