

PEDIATRICS (PEDI)

PEDI 9010. Clinical Research. 80-160 Clock Hours.

Prerequisites: Third year required clerkships. May be repeated; maximum credit 160 hours. Clinical abilities of students are enhanced through clinical/transitional research. Such experience is encouraged by NIH. Students participate in the patient activities of the General Clinical Research Center (GCRC), attend institutional Review Board (IRB) meetings, and design and present a paper related to areas of research interest.

Course Type: Clinical

PEDI 9011. Longitudinal Clinical Clerkship for MD/PhD Students. 20-40 Clock Hours.

Prerequisites: Complete first two years of medical school and pass step 1 of USLME; consent of research professor. May be repeated; maximum credit 40 hours. Under the supervision of a physician scientist, the student will function as an advanced clinical clerk, seeing subspecialty practice patients for history taking, physical examination, diagnosis, and counseling and management. Emphasis will be placed on issues of clinical research and professional life as a clinician-scientist.

Course Type: Clinical

PEDI 9632. Pediatric Clinical Genetics. 80-160 Clock Hours.

Prerequisites: PEDI 9650 Students see patients in Genetics Clinic and may accompany Genetics faculty on inpatient consultations. There will be an emphasis on the diagnostic evaluation and therapeutic options for common genetic conditions. There may be an opportunity to participate in clinical research through the Section of Genetics if arranged well in advance.

Course Type: Clinical

PEDI 9633. Pediatrics Hematology-Oncology (Clinical). 80-160 Clock Hours.

Prerequisites: PEDI 9650 Student may elect to work on special cases, rotate through clinic, or work on ward projects. Emphasis on diagnostic work-up of cancer patients, morphology of bone marrow and peripheral blood; psychological management of patients and parents.

Course Type: Clinical

PEDI 9634. Ambulatory Pediatrics. 80-160 Clock Hours.

Prerequisites: PEDI 9650 Students will care for ambulatory pediatric patients under faculty supervision in a general pediatric clinic. Common clinical encounters include well child check-ups for children ranging in age from the newborn period to age 18 and a wide variety of acute visits.

Course Type: Clinical

PEDI 9635. Sub-Internship in Pediatric Critical Care. 160 Clock Hours.

Prerequisites: PEDI 9650 Students will gain direct clinical exposure to critically ill or severely injured pediatric patients under the direct supervision of faculty. Students will attend daily inpatient rounds, following one to two inpatients with an upper level resident, and participate in the patient admissions. They will use a systems-based approach to assess, diagnose and manage patients.

Course Type: Clinical

PEDI 9636. Sub-Internship in Pediatric Inpatient Medicine. 160 Clock Hours.

Prerequisites: PEDI 9650 Sub-Internship in inpatient general pediatrics under the supervision of the pediatric residents and staff. The student will rotate night and weekend calls with the regular house staff and will be assigned to a preferred service.

Course Type: Clinical

PEDI 9637. Sub-Internship in Neonatology. 80-160 Clock Hours.

Prerequisites: PEDI 9650 Function as an intern with supervised responsibility. Emphasis on NICU, procedures, resuscitation, ventilator management, perinatal issues, premature infants, and critically ill newborns. A personalized program suited to the interests of the student can be arranged by discussion with faculty by appointment of the Neonatology faculty.

Course Type: Clinical

PEDI 9638. Pediatric Cardiology. 80-160 Clock Hours.

Prerequisites: PEDI 9650 All phases of clinical pediatric cardiology diagnosis, including history, physical examination, x-ray, electrocardiography & echocardiography. Physical diagnosis will be emphasized throughout, with cardiac x-ray interpretation, case demonstrations daily & staff tutoring in electro-cardiograph interpretation twice weekly. Will also observe hemodynamic evaluations in the catheterization laboratory & operative management of structural & cardiac disease. Each student may select a clinical research project.

Course Type: Clinical

PEDI 9639. Pediatric Pulmonology. 80-160 Clock Hours.

Prerequisites: PEDI 9650 Participation in care within the Pediatric Pulmonary and Cystic Fibrosis Center of Oklahoma. Experience in outpatient and inpatient assessment and management of asthma, cystic fibrosis, and other acute and chronic pediatric pulmonary diseases. Observation of pulmonary function testing, asthma education, and fiber optic bronchoscopes. Adequate non-clinical time for independent study.

Course Type: Clinical

PEDI 9640. Clinical Pediatrics. 160 Clock Hours.

Active clinical participation in child health care, birth through adolescence. Special emphasis on ambulatory care of children with extensive exposure to well child care, growth, behavioral, developmental issues, and common childhood problems. Active participation in a level I and level II newborn nursery, including delivery room experience with newborn. A variety of patient contact experience provided, including the emergency department.

Course Type: Lecture

PEDI 9641. Adolescent Medicine. 80-160 Clock Hours.

Prerequisites: PEDI 9650 Students provide supervised care for patients from age 10 through 25 years. Common conditions include asthma, eating disorders, reproductive health visits, STD-related complaints and preventative health visits. Students have the opportunity to participate in inpatient eating disorders treatment and minor surgical procedures such as Nexplanon insertion and removal.

Course Type: Clinical

PEDI 9642. Pediatric Diabetes/Endocrinology. 80-160 Clock Hours.

Prerequisites: PEDI 9650 Clinical exposure to variety of pediatric endocrine disorders, including diabetes mellitus and disorders of growth, thyroid, puberty and metabolism. Participation in clinical activities, including inpatient/outpatient consultations, pediatric/combined endocrine conferences, assigned readings and projects. Certain times of the year endocrine-related research projects and summer camps for diabetic children and adolescents will be available.

Course Type: Clinical

PEDI 9644. Pediatric Nephrology. 80-160 Clock Hours.

Prerequisites: PEDI 9650 Participation in evaluation and treatment of inpatients and outpatients with pediatric renal disease. Included are the interpretation of urinalysis and renal biopsy material, directed library work, renal function studies and, if desired, an opportunity to participate in clinical research.

Course Type: Clinical

PEDI 9645. Pediatric Gastroenterology. 80-160 Clock Hours.

Prerequisites: PEDI 9650 Patient contact on the wards and pediatric Gastroenterology specialty clinics. Attendance and execution of procedures such as biopsies and endoscopies, pathology conference on biopsied material, pediatric GI conferences once a week, and a weekly seminar on an assigned topic with detailed discussion among the pediatric gastroenterology group. Participation available in clinic projects.

Course Type: Clinical

PEDI 9646. Pediatric Infectious Disease. 80-160 Clock Hours.

Prerequisites: PEDI 9650 Instruction in diagnostic microbiology, the use of antibiotics and clinical consultations in infectious diseases. Participate in regularly scheduled conferences, teaching rounds, seminars and the infectious disease clinic. The student may also participate in a research project in the department of microbiology and immunology.

Course Type: Clinical

PEDI 9647. Child Abuse And Neglect. 160 Clock Hours.

Prerequisites: PEDI 9650 Elective Involves active, clinical participation in the evaluation, assessment and follow-up of abused and neglected children. The medical evaluation of physical and sexual abuse is taught, as well as dynamics of multidisciplinary team interaction with juvenile court, district attorney's office and child welfare program.

Course Type: Clinical

PEDI 9648. Behavioral & Developmental Pediatrics. 80-160 Clock Hours.

Prerequisites: PEDI 9650 Participation in examinations and conferences about children with developmental disabilities, including participation in interdisciplinary program with other health and allied health professionals. Opportunities include participating in medical evaluations and observing testing by other professionals as well as visits to educational and developmental programs in the community.

Course Type: Clinical

PEDI 9649. Research In Pediatrics. 160 Clock Hours.

Clinical and laboratory research in genetics, metabolism, endocrinology, nutrition, gastroenterology, infectious diseases, nephrology, neurology, health care systems, hematology-oncology and cardiology.

Course Type: Clinical

PEDI 9650. Pediatric Clerkship. 226-240 Clock Hours.

Prerequisites: Promotion to year 3 in program. A six-week combined inpatient and outpatient clerkship with patients from newborn through adolescence. Students will learn fundamentals of common acute and chronic illnesses, growth and development, disease prevention, and psycho-social dynamics. Students will participate in workup and management of patients and medical record keeping. (III)

Course Type: Internship

PEDI 9651. Pediatric Rheumatology. 80-160 Clock Hours.

Prerequisites: PEDI 9650 Pediatric Clerkship The student will attend ambulatory pediatric rheumatology clinic and manage inpatients and consults along side a pediatric rheumatologist. There will be an emphasis on the musculoskeletal exam and the management of complex rheumatologic diseases in the ambulatory setting. There may be an opportunity to participate in clinical, translational or bench research.

Course Type: Lecture

PEDI 9662. Pediatric Emergency Medicine. 80-160 Clock Hours.

Prerequisites: PEDI 9760 & SURG 9760 Acute care of illnesses & trauma in children and adolescents. Experience in pre-hospital care systems during ambulance travel.

Course Type: Clinical

PEDI 9671. Developmental Pediatrics. 160 Clock Hours.

The developmental behavior of infants and toddlers and the assessment of the normality of behavior in young pediatric patients are the focus of this largely outpatient experience in a large developmental assessment and treatment center in a multidisciplinary setting.

Course Type: Clinical

PEDI 9672. Perinatal Medicine. 160 Clock Hours.

Various aspects of neonatal intensive care and general principles for the health care of newborn infants and common problems concerning neonatal morbidity and mortality are the focus of this course given within the eastern oklahoma perinatal center, a tertiary care newborn center.

Course Type: Clinical

PEDI 9673. Pediatric Intensive Care Unit. 160 Clock Hours.

A clinical experience in patient care in an active pediatric intensive care unit learning principles of respiratory and cardiovascular resuscitation and support, the management of fluid and electrolyte and life-threatening infectious disease, neurological and metabolic problems, including head trauma.

Course Type: Clinical

PEDI 9674. Sub-Internship In Pediatrics. 160 Clock Hours.

A training experience modeled after a pediatric internship. Work under the direct supervision of a senior pediatric resident and pediatrician, performing histories and physicals; develop management plans, write orders for counter-signature, initiate progress reports, appropriate laboratory data, perform various procedures and interpret laboratory management plans to parents and patients.

Course Type: Clinical

PEDI 9675. Pediatric Endocrinology. 160 Clock Hours.

The conceptual and clinical aspects of endocrine growth and development as well as pediatric endocrine problems. This course involves outpatients and inpatients, directly managed and consultative; includes exposure to departmental research activities.

Course Type: Clinical

PEDI 9676. Clinical Genetics. 160 Clock Hours.

All aspects of clinical genetics. The techniques of genetic laboratory diagnosis and evaluation, the indications for genetic analysis and the techniques of genetic counseling. Student will participate with various members of the division both in the clinical and laboratory assessment of potential genetics problems and in the counseling aspects of such problems. a project will be given.

Course Type: Clinical

PEDI 9677. Child Neurology. 160 Clock Hours.

The speciality of neurology as applied to infants, children and adolescents. Review of pertinent anatomy and physiology and the formal neurological exam. Special attention to seizure disorders, headache, head trauma and childhood behavior pathology. Assigned readings will be a part of this course.

Course Type: Clinical

PEDI 9678. Pediatric Gastroenterology & Nutrition. 160 Clock Hours.

Experience in gastrointestinal disorders, liver disease, and feeding problems (including enteral and parenteral nutrition) in infancy and childhood.

Course Type: Clinical

PEDI 9679. Public Health And Community Pediatrics. 80-160 Clock Hours.

This course will expose students to a variety of community experiences involving either public health programs or pediatric health care in a community setting. Epidemiology and public health monitoring procedures will be taught. Students will work with a preceptor, a public health specialist. an individualized schedule will be arranged.

Course Type: Clinical

PEDI 9681. Child Protection And Forensic Pediatrics.. 40-160 Clock Hours.

Course Type: Independent Study

PEDI 9682. Adolescent Health Care. 160 Clock Hours.

An overview of adolescent health care including psychological and physiological development, behavioral medicine and common adolescent medical problems to be learned from supervised patient contact in inpatient and outpatient settings plus assigned readings.

Course Type: Clinical

PEDI 9683. Pediatric Hematology/Oncology. 160 Clock Hours.

A clinical experience with infants, children and adolescents with a variety of hematological and oncological conditions designed to acquaint the student with the diagnostic and therapeutic approach to the anemias, the disorders of leukocytes and the thrombocytopenias and to review principles of diagnosis and management of childhood malignancies.

Course Type: Clinical

PEDI 9684. Domestic Violence And Community Health. 80-160 Clock Hours.

This course will expose students to a variety of agencies offering services to adults and children involved in some form of family violence. It also offers students an opportunity to observe, and participate in, programs for alternative education and behavioral therapy. Students schedule their own experiences from a menu of agencies. Selected readings, prepared by former students, are available for review.

Course Type: Clinical

PEDI 9685. Pediatric Clinic. 160 Clock Hours.

Prerequisites: Pediatric Clerkship. A training experience working under the direct supervision of a senior pediatric resident and faculty pediatrician, performing histories/physicals; develop management plans, write orders for counter signature, initiate progress reports, appropriate laboratory data, perform various procedures and interpret laboratory management plans to parents.

Course Type: Clinical

PEDI 9690. Elective in Medical Informatics. 80-160 Clock Hours.

Prerequisites: Instructor permission The course is intended to be flexible based on the student's interests, but will concentrate on one or more of the following area: healthcare systems, clinical information systems, clinical decision support, improvement theory, telemedicine, database design, research design, project management, and emerging technologies.

Course Type: Lecture

PEDI 9700. Pediatrics Longitudinal Integrated Clerkship. 0-226 Clock Hours.

Prerequisites: Third-year medical student in good standing at the School of Community Medicine. This course is a combined inpatient and outpatient clerkship with patients from newborn through adolescence. students will learn the fundamentals of common acute and chronic illnesses, growth and development, disease prevention, and psychosocial dynamics. Students will participate in the work-up and management of patients and medical record keeping. (R; III)

Course Type: Clinical

PEDI 9780. OCTSI Summer Scholar Program. 0 Clock Hours.

Prerequisites: Completion of first year of medical school. May be repeated; maximum credit 0 hours. A seminar course exploring all aspects of clinical and translational research.

Course Type: Lecture

PEDI 9960. Off-Campus Elective in Pediatrics. 80-160 Clock Hours.

Prerequisites: Approval of Visiting School and OU Department Course Director. May be repeated; maximum credit 320 hours. An off-campus elective is defined as work not at the Health Sciences Center, College of Medicine-Tulsa, or in a formally affiliated hospital; nor under the direct supervision of a member of the full-time faculty of the College of Medicine. A statement from the course director of the proposed elective concerning the supervision and grading of student's experience and a detailed course description of the proposed elective are required.

Course Type: Clinical

PEDI 9970. Pediatrics Off-Campus Elective. 80-640 Clock Hours.

May be repeated; maximum credit 640 hours. Work not at the Health Sciences Center, College of Medicine-Tulsa, or in a formally affiliated hospital, nor under the direct supervision of a member of the full-time faculty of the College of Medicine.

Course Type: Clinical

PEDI 9980. Special Studies. 1-320 Clock Hours.

Prerequisites: Approval of Associate Dean, College of Medicine and Department Head. May be repeated with change of subject matter, multiple enrollment in same term, maximum 320 clock hours. Topics of special nature or of unusual interest to the individual student.

Course Type: Clinical

PEDI 9990. Pediatric Special Studies. 1-320 Clock Hours.

Topics of a special nature or of unusual interest to the individual student. May be repeated with a change of subject matter.

Course Type: Clinical