

PEDIATRICS (PEDI)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, please contact the School of Medicine student records coordinator (natalie.harper@louisville.edu).

Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

PEDI 816. Special Projects-Pediatrics 1-16 Units

Description: This course is to be arranged to fit individual needs to cover topics of current interest or to participate in research projects or to receive some advanced training.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PEDI 817. Pediatric Externship 2 Units

Grading Basis: Pass/Fail

Term Typically Offered: Fall, Spring

Prerequisite(s): Completion of first year of medical school.

Description: Student's participating in this program will have the opportunity to immerse themselves into the world of pediatrics and gain exposure earlier than is traditionally experienced in the medical student career. Selected students will spend four weeks rotating with one of our participating divisions. Students will be expected to complete an individualized learning plan and a self-reflection piece at the completion of the course. Students will receive a stipend if they successfully complete all requirements.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PEDI 901. Pediatric Clerkship 7.5 Units

Description: Required third-year clerkship. Sites: Norton Children's Hospital, University Hospital, UofL Pediatrics Downtown, UofL Pediatrics Stonestreet, UofL Pediatrics Kosair Charities Center, Home of the Innocents. The six-week pediatric clerkship experience introduces the student to a unique, complex, and challenging field of medicine. It emphasizes those aspects of general pediatrics important for all medical students and will provide a foundation for those students who elect to further study the health care of infants, children and adolescents. Students have the opportunity to participate in the clinical activities of both general and sub-specialty pediatric services, but the emphasis in all services is placed on basic issues and common illnesses. Sub-specialists have the opportunity to emphasize aspects of their particular area of focus that are important for the education of the general physician. Our curriculum is designed as a six-week core clerkship in the third year of medical school an

Note: Method of Evaluation includes 57% clinical performance (outpatient, inpatient and newborn nursery); 25% pediatric exam of the National Board of Medical Examiners; 10% Pediatric Interactive Case Series quiz questions; 5% Administrative Responsibilities; and 3% Standardized/Simulated Patient encounters.

Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PEDI 905. Area Health Education Center (AHEC) Rotation-Pediatrics 1-4 Units

Prerequisite(s): Fourth-year standing; this rotation must be scheduled with the clinical coordinator for Pediatrics and the AHEC Office.

Description: Clinical experience will be obtained in various pediatrician practices or programs in rural Kentucky. The student will be encouraged to participate in the community to gain an understanding of how the community characteristics affect medical care delivery. The goal of the selective is for the student to be a participate in all the activities involved in the private practice of a pediatrician.

Note: Method of Evaluation includes observation of performance, evaluation of clinical skills, and personal assessment.

Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PEDI 906. Clinical Elective/Urban 1-4 Units

Prerequisite(s): Third-year standing; the student must complete the Off-Campus Request Form and have it approved by the departmental course director.

Description: This elective will allow students to obtain a clinical experience in the private practice of a community pediatrician.

Note: Method of Evaluation includes observation of performance, evaluation of clinical skills, and personal assessment.

Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PEDI 907. Clinical Elective/Off-Campus 1-4 Units

Prerequisite(s): Fourth-year standing; the student must complete the Off-Campus Request Form and have it approved by the departmental course director.

Description: A clinical experience may be obtained in an approved program in Pediatrics under the supervision of a full-time member of the faculty of a duly recognized educational or research institution.

Note: Method of Evaluation includes observation of performance, evaluation of clinical skills, and personal assessment.

Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PEDI 910. Ambulatory Pediatric Emergency Medicine 1-4 Units

Prerequisite(s): Fourth-year standing.

Description: AR Selective. The fourth-year student will spend two or four weeks in the Norton Children's Hospital Emergency Room and is expected to participate in all of the activities related to the care of patients in a Pediatric Emergency Room. The student is expected to provide family-centered patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health; demonstrate knowledge of common pediatric problems seen in an emergency room setting and be able to apply this knowledge to patient care; demonstrate interpersonal and communication skills with patients' families and other members of the healthcare team; and demonstrate commitment to carry out professional responsibilities, adherence to ethical principles and sensitivity to diversity.

Note: Method of Evaluation includes observation of performance, evaluation of clinical skills, and personal assessment.

Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PEDI 911. Infectious Disease-Child 1-4 Units

Prerequisite(s): Third-year standing.

Description: Third-/fourth-year elective. Students participating in the ID elective will have the opportunity to independently evaluate patients on the ID service (including in-patient consults, direct admissions, out-patient consults and out-patient follow-ups), present them to the attending physician and team for discussion and disposition, and follow patients longitudinally until their infectious disease issues are resolved. Students will be required to present a short seminar on a pediatric infectious disease topic of their choice. Students will attend Infectious Disease Clinic, weekly morning clinical case conference and other scheduled subspecialty conferences. The goals of this elective is to provide family centered patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health; students must demonstrate knowledge of evaluation and therapy for common and unusual infectious diseases in children; student must be able to demonstra

Note: Method of Evaluation includes observation of performance, evaluation of clinical skills, and personal assessment.

Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PEDI 912. Home of the Innocents 1-4 Units

Prerequisite(s): Fourth-year standing.

Description: This rotation will not be available during the 2021-22 academic year. AR Selective. This is a two-week elective or a four-week ambulatory rotation at the Home of the Innocents and offers ample opportunities for the student to learn preventive pediatrics, growth and development, diagnosis and treatment of pediatric problems commonly encountered in office-type practice, as well as the special problems of premature and other high risk infants and children. During the AR, the student will spend time treating the patients, following the therapists, and participating in a procedure week to get a holistic view of the care that is required for this unique patient population. The student will be expected to provide family centered patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health; demonstrate knowledge of common pediatric problems and be able to apply this knowledge to patient care; demonstrate interpersonal and communication skills with patients' families and other members of the healthcare team; and demonstrate commitment to carry out professional responsibilities, adherence to ethical principles and sensitivity to diversity.

Note: Method of Evaluation includes observation of performance, evaluation of clinical skills, and personal assessment.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PEDI 914. Acting Internship-Hospitalist Medicine 1-16 Units

Prerequisite(s): Fourth-year standing.

Description: AI Selective or elective. A four-week advanced clinical (sub-internship) in general pediatrics with emphasis on pathophysiology commonly seen on pediatric inpatient wards. Students will be assigned to the JFK inpatient team staffing the Norton Children's Hospital Service which generally consists of a broad spectrum of general pediatric patients in addition to subspecialty patients. Responsibilities will be those of a junior house officer and will consist of daily rounds, conferences and patient care activities. The student is expected to provide family-centered patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health; demonstrate knowledge of evaluation and therapy for common and unusual diagnosis seen on the hospital service; demonstrate interpersonal and communication skills with patients' families and other members of the health care team; and demonstrate commitment to carry out professional responsibilities, adh

Note: Method of Evaluation includes observation of performance, evaluation of clinical skills, case presentation, and personal assessment.

Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PEDI 916. Pediatric Hematology/Oncology 1-4 Units

Term Typically Offered: Fall, Spring, Summer

Prerequisite(s): Third-year standing.

Description: Third-/fourth-year elective. Two-week elective inpatient or two-week outpatient. Students participating in the inpatient rotation will participate in morning and afternoon rounds with the Hematology/Oncology attending and see consultation patients with the resident and attending. Emphasis will be on disease presentation and differential diagnosis of Hematology/Oncology and immunosuppression principles. Weekly peripheral smear and bone marrow slide reviews will be conducted. Students participating in the outpatient rotation will attend clinic daily with Hematology/Oncology clinic, hemophilia clinic, and sickle cell clinic. The student will provide family-centered patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health; must demonstrate knowledge of common pediatric hematology/oncology problems and be able to apply this knowledge to patient care: must demonstrate commitment to carry out professional responsibilities

Note: Method of Evaluation includes observation of performance, evaluation of clinical skills, and personal assessment.

Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PEDI 918. Genetics 1-4 Units

Prerequisite(s): Third-year standing.

Description: Third-/fourth-year elective. AR Selective. The focus of the rotation is to achieve clinical experience dealing with structural abnormalities and genetic disorders in children and adults. The program will focus on various aspects of clinical genetics including congenital malformations, chromosome abnormalities, inborn errors of metabolism, abnormal development in utero and resultant consequences, and advances in diagnosis and treatment of genetic diseases. The student will play an active role in participating in individual, multidisciplinary and integrated evaluations of patients with aforementioned conditions; will learn various aspects of clinical genetics; must demonstrate interpersonal and communication skills with the patients' families and other members of the healthcare team; must demonstrate commitment to carry out professional responsibilities; adherence to ethical principles, and sensitivity to diversity.

Note: Method of Evaluation includes observation of performance, evaluation of clinical skills, and personal assessment.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PEDI 921. Pediatric Endocrinology 1-4 Units

Prerequisite(s): Third-year standing.

Description: Third-/fourth-year elective. Students participating in this four-week elective will provide family-centered patient care that is compassionate, appropriate and effective for the treatment of health problems and the promotion of health. Students will participate in patient interviews and examinations; review laboratory data and reformulate treatment plan with attending; review charts for endocrine clinic; provide attendings with an organized oral presentation for each patient encounter; be able to interpret screening labs and test used routinely in evaluation of endocrine problems; formulate a reasonable differential diagnosis for the common pediatric problems in endocrinology; and formulate a reasonable management plan. Student must demonstrate knowledge of common pediatric endocrine problems and be able to apply this knowledge to patient care. Students are expected to learn the normal range of variation in linear growth, weight gain and sexual development in children and the use of observed variations as indicators of potential endocrine and non-endocrine disease; learn the clinical approach to diagnosis of various problems of growth, sexual development, thyroid function, adrenal function, and blood glucose regulations in children; learn the use of clinical and laboratory tools in monitoring treatment of endocrine disorders; learn the education and treatment of newly diagnosed diabetic patients in-hospital, and long-term management on an out-patient basis; and review reference material on assigned topics and present to attending weekly.

Note: Method of Evaluation includes observation of performance, evaluation of clinical skills, and personal assessment.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PEDI 922. Comprehensive Pediatric Ambulatory Care (UCHS & UCHS-South) 1-4 Units

Prerequisite(s): Third-year standing.

Description: Third-/fourth-year elective. AR Selective. Pediatric Ambulatory Care offers ample opportunities for the student to learn preventive pediatrics, growth and development, diagnosis and treatment of pediatric problems commonly encountered in office-type practice. The student will be expected to conduct his/her own interview, physical examination and plan for treatment and care of each patient contact. Appropriate outpatient record keeping, screening, monitoring, and health maintenance activities will be stressed. The student will be required to prepare an oral and written presentation on an ambulatory topic.

Note: Method of Evaluation is observation of performance, evaluation of clinical skills, problem solving, patient management and presentation on a topic of student's choice (with handout).

Note: This rotation no longer available.

Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PEDI 923. Pediatric Cardiology 1-4 Units

Term Typically Offered: Fall, Spring, Summer

Prerequisite(s): Third-year standing.

Description: Fourth-year elective or fourth-year AR Selective with NCMG Pediatric Cardiology. Students participating in this two or 4 week rotation will have an introduction to pediatric cardiology. The primary setting is Norton Children's Hospital managing pediatric patients with congenital and acquired heart disease admitted to the inpatient wards, TCU, and PICU. There will also be exposure to the catheterization lab, echocardiography lab, and outpatient clinic in the academic practice. The student will provide family-centered patient care that is compassionate, appropriate, an effective for the treatment of health problems and the promotion of health; must demonstrate knowledge of common pediatric cardiology problems and be able to apply knowledge to patient care; interpersonal & communication skills with patients' families and other members of the healthcare team, and commitment to carry out professional responsibilities, adherence to ethical principles & sensitivity to diversity.

Note: Method of Evaluation includes observation of performance, evaluation of clinical skills, and personal assessment using the individualized learning plan evaluation form.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PEDI 924. Pediatric Nephrology 1-4 Units

Prerequisite(s): Third-year standing.

Description: Third-/fourth-year elective. Two-week elective inpatient or two-week outpatient. Students participating in the inpatient rotation will follow up to three patients on the inpatient renal service and actively participate in their care in conjunction with an upper-level general pediatric resident and nephrology attending. Students participating in the outpatient rotation will work with a nephrology attending in nephrology clinic to gain exposure to common outpatient medical problems and become familiar with appropriate evaluations in the outpatient setting. All students on both inpatient and outpatient will be discussed in detail prior to completion of the elective. The student will provide family-centered patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health; must demonstrate knowledge of common pediatric nephrology problems and be able to apply this directly to patient care; must demonstrate interpersonal and communication skills with patients' families and other members of the healthcare team; and must demonstrate commitment to carry out professional responsibilities, adherence to ethical principles, and sensitivity to diversity.

Note: Method of Evaluation includes observation of performance, evaluation of clinical skills, and personal assessment.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PEDI 925. Pediatric Pulmonology 1-4 Units

Prerequisite(s): Third-year standing.

Description: Third-/fourth-year elective. Two-week AR standard elective or two-week AR outpatient elective. Students participating in the standard elective will perform history and physical examinations, attend daily pulmonary inpatient rounds, outpatient clinics and observe various pulmonary procedures. Students participating in the outpatient rotation will work with a pulmonology attending in clinic at multiple locations as well as observe various pulmonary procedures. The goal for all participants is to increase the student's knowledge of pathophysiology and treatment of pulmonary disease during infancy and childhood. Students must demonstrate knowledge of evaluation and therapy for common pulmonary diseases in children and apply this knowledge to patient care, must demonstrate interpersonal and communication skills with patients' families and other members of the healthcare team; and must demonstrate commitment to carry out professional responsibilities, adherence to ethical principles, and sen

Note: Method of Evaluation includes observation of clinical skills, problem solving, patient management, and an educational presentation on a pediatric pulmonary topic of the student's choice.

Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PEDI 927. Pediatric Gastroenterology 1-4 Units**Prerequisite(s):** Third-year standing.**Description:** Third-/fourth-year elective. Two- or four-week elective. Students will perform history and physical exams, attend daily GI inpatient rounds, outpatient clinics, observe various GI procedures and participate in weekly GI conferences to increase their knowledge of pathophysiology and treatment of gastrointestinal diseases during infancy and childhood. The student must demonstrate knowledge of evaluation and therapy for common GI diseases in children and apply this knowledge to patient care; must demonstrate interpersonal and communication skills with patients' families and other members of the health-care team; and must demonstrate commitment to carry out professional responsibilities, adherence to ethical principles, and sensitivity to diversity.**Note:** Method of Evaluation includes observation of clinical skills, problem solving, patient management, and an educational presentation on a pediatric GI disease topic of the student's choice.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PEDI 928. Acting Internship-Pediatric Critical Care 1-16 Units**Prerequisite(s):** Fourth-year standing; this advanced elective must be preceded by a primary care pediatric elective, a general ambulatory pediatric elective, a pediatric AHEC, or a general pediatric elective.**Description:** AI Selective, ICU selective, or elective. In this four-week AI or elective or two-week ICU experience, the senior student will act as an integral member of the Pediatric Critical Care team. The student will admit patients to the Critical Care Center under the direct supervision of senior pediatric residents and the Critical Care faculty. The student will be expected to actively participate in morning and afternoon rounds/conferences, take eight (8) night calls/month with a pediatric resident, observe and participate in procedures performed in the Critical Care Center and become familiar with common pediatric critical care problems. In addition, the student will be required to research and present a critical care topic of their choosing during the rotation and complete four (4) web-based learning modules. The student will provide family-centered patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health; must demonstrate knowledge of common pediatric ICU problems and be able to apply this directly to patient care; must demonstrate interpersonal and communication skills with patients' families and other members of the health-care team; and must demonstrate commitment to carry out professional responsibilities, adherence to ethical principles and sensitivity to diversity.**Note:** Method of Evaluation includes observation of performance, evaluation of clinical skills, case presentation, and personal assessment.**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PEDI 929. Acting Internship, Neonatology-Norton's Children 1-16 Units**Prerequisite(s):** Fourth-year standing.**Description:** AI Selective, ICU selective, or elective. This is a four-week AI or elective or a two-week ICU clinical experience in newborn intensive care that is designed so that students may become more familiar with many of the diseases that afflict the newborn. The student will be assigned three to four intensive care patients to manage and follow under the direct supervision of the neonatology fellow and attending physician. The student will have an opportunity to attend high-risk deliveries and perform procedures such as neonatal resuscitation, endotracheal intubation, umbilical artery catheterization and thoracotomy tube placement. The student will participate in an every fourth night call rotation alongside a pediatric house officer. The student will be evaluated on work habits; interpersonal skills with faculty, residents, nurses and parents; knowledge; record keeping; and patient management.**Note:** Method of Evaluation is observation of performance, evaluation of clinical skills, case presentation, and personal assessment.**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PEDI 930. Acting Internship, Neonatology-UofL 1-16 Units**Prerequisite(s):** Fourth-year standing.**Description:** AI Selective, ICU selective, or elective. This is a four-week AI selective/elective, or a two-week ICU clinical experience in newborn intensive care, designed so that students may become more familiar with many of the diseases that afflict the newborn. The student will be assigned three to four intensive care patients to manage and follow under the direct supervision of the neonatology fellow and attending physician. The student will have an opportunity to attend high-risk deliveries and perform procedures such as neonatal resuscitation, endotracheal intubation, umbilical artery catheterization and thoracotomy tube placement. The student will participate in an every fourth night call rotation alongside a pediatric house officer.**Note:** Method of Evaluation includes observation of performance, evaluation of clinical skills, case presentation, and personal assessment.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PEDI 934. Practical Pediatrics**4 Units****Prerequisite(s):** Fourth-year standing.**Description:** This elective is only offered in the block of 2/13-3/10/23.

This four-week course is a practical approach in preparing students interested in a pediatric career for residency. Participants will become trained in resuscitation of neonates and children. Multiple procedure techniques are taught and practiced. Didactic lectures focus on skills to become a well-trained resident as well as residency match preparation. Field trips will help with awareness of community resources necessary for a full spectrum of pediatric care. At the end of this experience, students will be able to understand basic pathophysiology of children and the influences of their social environments to prepare them for accurate patient care orders in the outpatient and hospital setting; will review basic medical principles as well as exposure to critical care specifics not taught in the core curriculum; will develop skills in interpersonal and communication specific to pediatrics; will use scientific methods and evidence to investigate, evaluate and improve patient care practices; must demonstrate commitment to learning, understanding professional responsibilities and sensitivity to diversity; and must understand the importance of advocacy and quality improvement in the health care system.

Note: Method of Evaluation is Pass/Fail grade based on attendance and preparation.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PEDI 935. Pediatric Allergy and Immunology**2-4 Units****Grading Basis:** Pass/Fail**Prerequisite(s):** Fourth-year standing.

Description: This rotation will not be available during the 2021-22 academic year. AR Selective. This elective emphasizes experience in the evaluation and management of common clinical problems in allergy and immunology. The learner will assist in the diagnosis and management of asthma, rhinitis/conjunctivitis/rhinosinusitis, atopic dermatitis, urticaria, angioedema, anaphylaxis and adverse reactions to foods, drugs and stinging insects. Additional experience in immunodeficiency disorders, as well as experience in allergy skin testing, administration of allergen immunotherapy, performance and interpretation of pulmonary function tests, and performance of food challenges and/or drug challenges/desensitizations may also be provided. Outpatients will be evaluated by the student/resident under supervision of the faculty physician. In addition, it is expected that the learner will complete recommended readings, participate in selected on-line learning activities and complete both pre-test and post-test assessments. The student will be prepared to recognize, evaluate, diagnose and treat common allergic and immunologic disorders; will become familiar with common diagnostic tests and procedures used in the field of Allergy and Immunology; and will learn when it is appropriate to seek further evaluation by an Allergy/Immunology specialist.

Note: Method of Evaluation is the standard competency-based evaluation provided by the Undergraduate Medical Education Office.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PEDI 936. Advanced Pediatric Cardiology**2 Units****Grading Basis:** Pass/Fail**Term Typically Offered:** Fall, Spring, Summer**Prerequisite(s):** PEDI 923; fourth-year standing.

Description: The student participating in this two-week elective will have the opportunity to immerse themselves further into the field of pediatric cardiology including the disciplines of interventional cardiology, electrophysiology, heart failure/transplant, advanced imaging, and/or adult congenital heart disease. The setting is various locations where pediatric cardiologists practice including the catheterization lab, echocardiography lab, outpatient clinic, and inpatient settings where the evaluation and management of patients with congenital and acquired heart disease occurs. The student is expected to provide family-centered patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health; demonstrate knowledge of common pediatric problems and be able to apply this knowledge of patient care; demonstrate interpersonal and communication skills with patients' families and other members of the healthcare team; and demonstrate commitment to carry out professional responsibilities, adherence to ethical principles and sensitivity to diversity.

Note: The student should review specific learning goals with the Director of Student Rotations in Pediatric Cardiology at least one week prior to the start of the rotation.**Note:** Method of Evaluation includes observation of performance, evaluation of clinical skills, and personal assessment using the individualized learning plan evaluation form.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PEDI 937. Pediatric Advocacy & Social Determinants of Health**2 Units****Grading Basis:** Pass/Fail**Term Typically Offered:** Fall, Spring, Summer

Description: Students participating in this elective will have the opportunity to develop their skills and knowledge regarding advocacy and social determinants on health, as relevant to the world of pediatrics. Learning will consist of interactive in-person didactic sessions, on-line modules, and advocacy work in the community. This elective will culminate with the practicing the skills and knowledge gained by attending the annual Advocacy Day event, "Children's Day", at the state capitol in Frankfort Kentucky.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PEDI 938. Food Insecurity Healthcare Series**2 Units****Term Typically Offered:** Fall, Spring, Summer

Description: Food insecurity is the lack of consistent access to affordable, nutritious food. More than 800 million people live with food insecurity and its negative health outcomes as their constant companion. The series is an assortment of interactive training opportunities that aim to provide education and skills needed to advocate, address healthcare disparities, and improve health outcomes for individuals and families facing food insecurity. This series is specifically designed for healthcare students and professionals. Skills learned during this series are useful not only for screening for food insecurity, but also for discussing other sensitive issues. Participants will receive a certificate upon completion of the program.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)