

**PEDIATRICS AND PHD  
HUMAN DEVELOPMENT**

**Department of Pediatrics and  
Human Development  
College of Human Medicine**

**523 Genetics for Medical Practice**  
Summer. 1(1-0) Interdepartmental with Biochemistry and Molecular Biology. Administered by Pediatrics and Human Development. R: Open only to graduate-professional students in the colleges of Human and Osteopathic Medicine. SA: BCH 523  
Basic principles of genetics for medical students.

**526 Molecular Biology and Medical Genetics**  
Fall. 2 credits. Interdepartmental with Biochemistry and Molecular Biology. Administered by Biochemistry and Molecular Biology. R: Open only to students in the College of Human Medicine or the College of Osteopathic Medicine. SA: BCH 526 Not open to students with credit in PHD 523.  
Basic principles of human medical genetics; storage and expression of genetic information; transmission of genetic information to progeny.

**591 Special Problems in Human Development**  
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 12 credits in all enrollments for this course. R: Open only to graduate-professional students in the colleges of Human and Osteopathic Medicine.  
Work under the direction of a faculty member on an experimental, theoretical, or applied problem.

**600 Pediatric Specialty Clerkship**  
Fall, Spring, Summer. 6 to 24 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: PHD 600 R: Open only to graduate-professional students in College of Human Medicine.  
Multidisciplinary approach to children and their families in a health care setting. Integrated biological, behavioral, and clinical sciences in assessing and planning children's health care needs.

**601 Human Development and Pediatric Subspecialties**  
Fall, Spring, Summer. 6 to 24 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: PHD 600 R: Open only to graduate-professional students in College of Human Medicine.  
Experience in clinical, behavioral, and basic sciences related to pediatrics and human development.

**602 Ambulatory Pediatrics**  
Fall, Spring, Summer. 6 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. RB: PHD 600 R: Open only to graduate-professional students in College of Human Medicine.  
Clinical experience in outpatient and community setting involving ongoing child health care.

**603 Pediatric Infectious Diseases Clerkship**  
Fall, Spring, Summer. 6 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. RB: PHD 600 R: Open only to graduate-professional students in College of Human Medicine.  
Office, clinic, and inpatient experiences in evaluating and managing pediatric patients with infectious diseases.

**604 Neonatology**  
Fall, Spring, Summer. 6 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. RB: PHD 600 R: Open only to graduate-professional students in College of Human Medicine.  
Clinical experiences: modern neonatal techniques and care patterns for neonates including follow up.

**605 Pediatric Cardiology Clerkship**  
Fall, Spring, Summer. 6 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. RB: PHD 600 R: Open only to graduate-professional students in College of Human Medicine.  
Office, clinic, and hospital experience in diagnostic and therapeutic pediatric cardiology including special diagnostic procedures.

**606 Pediatric Endocrinology and Metabolism Clerkship**  
Fall, Spring, Summer. 6 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. RB: PHD 600 R: Open only to graduate-professional students in College of Human Medicine.  
Clinic and hospital experience in evaluating patients with endocrine and metabolic disorders.

**607 Pediatric Hematology and Oncology**  
Fall, Spring, Summer. 6 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. RB: PHD 600 R: Open only to graduate professional students in the College of Human Medicine.  
Clinical experience in evaluating and managing pediatric patients with common hematologic and oncologic disorders

**608 Pediatric Pulmonary Disease Clerkship**  
Fall, Spring, Summer. 6 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. RB: PHD 600 R: Open only to graduate-professional students in College of Human Medicine.  
Inpatient and outpatient clinical experiences in evaluating and managing pediatric patients with pulmonary problems. Diagnostic procedures, clinically relevant physiology, current research.

**633 Extended Clinical Experience**  
Fall, Spring, Summer. 6(6-0) P: PHD 600  
Based in community hospitals and ambulatory sites, this is a 4 week clinical experience emphasizing interviewing skills, history, physical exam, problem solving and therapy.

**635 Core Competencies I**  
Fall, Spring, Summer. 2(2-0) A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with Family Practice and Human Medicine and Medicine. Administered by Human Medicine. R: Open only to graduate-professional students in College of Human Medicine.  
Core knowledge and skills from an interdisciplinary perspective.

**637 Core Competencies III**  
Fall, Spring, Summer. 2(2-0) A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with Family Practice and Human Medicine and Medicine and Obstetrics, Gynecology and Reproductive Biology and Surgery. Administered by Human Medicine. R: Open only to graduate-professional students in College of Human Medicine.  
Core knowledge and skills from an interdisciplinary perspective.