Child Health (CH_HTH)

CH_HTH 6000: Child Health Clerkship
Students have the opportunity to learn about common illnesses and abnormalities in children. Emphasis also is placed on the importance of preventive and developmental aspects of child care. Lectures and case presentations correlate with the clinical experiences.
Credit Hours: 8

CH_HTH 6010: Rural Child Health Clerkship
Rural Child Health Clerkship
Credit Hours: 8

CH_HTH 6020: Springfield Child Health Clerkship
Students have the opportunity to learn about common illnesses and abnormalities in children. Emphasis also is placed on the importance of preventive and developmental aspects of child care. Lectures and case presentations correlate with the clinical experiences.
Credit Hours: 8
Prerequisites: Successful completion of the first two years of medical school

CH_HTH 6037: SCC Pediatric Intensive Care
Student will learn the initial approach and daily management of children requiring care in the Pediatric Intensive Care Unit. Students will learn the evaluation of and the management of critically ill or injured children focusing on airway and pulmonary physiology, cardiac physiology, neurological diseases, traumatic injuries, acute overdoses, endocrine emergencies, basic fluid management, and the medically complex child. Pharmacologic and nutritional management of the critically ill or injured child will also be reviewed.
Credit Hours: 5
Prerequisites: Successful completion of 5 of the 7 core clerkships. One of the 5 must be the Child Health clerkship. CH_HTH 6000, CH_HTH 6010, CH_HTH 6020, or CH_HTH 6100

CH_HTH 6043: SCC Pediatric Allergy and Immunology
This subspecialty 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, contact 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 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.
Credit Hours: 5
Recommended: Successful completion of the Child Health clerkship

CH_HTH 6045: SCC Neonatal Intensive Care Unit Selective
Students will gain experience in the evaluation, diagnosis, and management of sick newborns, and in the performance of specialized procedures necessary for ICU care.
Credit Hours: 5
Prerequisites: Successful completion of 5 of the 7 core clerkships. One of the 5 must be Child Health clerkship

CH_HTH 6055: Springfield Pediatric Endocrinology
This rotation is primarily an outpatient experience, though the student may be asked to do inpatient consultations with the attending physician. This elective will present an in-depth experience of diabetes/endocrinology as a subspecialty, including but not limited to exposure to disorders in growth and puberty, obesity, abnormalities in thyroid function, and managing blood glucose levels in patients with type 1 diabetes.
Additional teaching methods used may include mini-lectures and readings relevant to this subspecialty.
Credit Hours: 5
Prerequisites: Successful completion of the first two years of medical school. Completion of M3 CH clerkship suggested but not required

CH_HTH 6060: LINC Child Health Clerkship
A Longitudinal Integrated Clerkship (LINC) includes medical students in patient care over time, allowing enduring learning relationships to develop with patients and physician-teachers. Students will meet required core clinical competencies in multiple disciplines through interleaved, longitudinal experiences over the course of the clinical training year. In contrast to a block curriculum, students meet and follow their patients across multiple settings of care and different disciplines.
Credit Hours: 8

CH_HTH 6100: Remediation Child Health Clerkship
Enrolled students are those who received an unsatisfactory grade in a Child Health Clerkship at any Mizzou Med location or site. This course gives them the opportunity to rectify a deficiency.
Credit Hours: 8
Prerequisites: CH_HTH 6000 Child Health Clerkship, received unsatisfactory grade

CH_HTH 6109: Re-Remediation of Child Health Clerkship
Re-Remediation of Child Health Clerkship.
Credit Hours: 8
Prerequisites: First two years of medical school

CH_HTH 6120: Remediation of Springfield Child Health Clerkship
Students have the opportunity to learn about common illnesses and abnormalities in children. Emphasis also is placed on the importance of preventive and developmental aspects of child care. Lectures and case presentations correlate with the clinical experiences.
Credit Hours: 8
Prerequisites: Successful completion of the first two years of medical school

CH_HTH 6160: LINC Remediation Child Health Clerkship
Remediation of the LINC Child Health Clerkship.
Credit Hours: 8

CH_HTH 6221: Advanced Biomedical Science Medicine Problem
Premature Infant
Advanced Biomedical Science Medicine Problem Premature Infant
Credit Hours: 5

CH_HTH 6223: ABS Child Health Research
ABS Child Health Research
Credit Hour: 5-10

CH_HTH 6225: ABS Child Health Research and Review
ABS Child Health Research and Review
Credit Hour: 5-10

CH_HTH 6425: Child Health Genetics
Goals/Objectives: To develop an understanding of medical genetics, including genetic diagnosis, cytogenetics, metabolic genetic diseases, teratology, and the genetics literature, and computer databases.
CURRICULUM: During the block, each student will see patients in consultation and in the genetics clinics (general genetics, metabolic, PKU, autism, Down Syndrome, outreach) where they will work up the patients and prepare a report and discussion of the diagnosis or diagnostic differential. Each student will also prepare a literature review around a specific patient or problem. For interested students, cytogenetics or metabolic problems are available.
Credit Hours: 5
Prerequisites: Child Health clerkship

CH_HTH 6426: Child Health Infectious Disease
Child Health Infectious Disease
Credit Hours: 5

CH_HTH 6427: Pediatric Hematology/Oncology
Pediatric Hematology/Oncology
Credit Hours: 5

CH_HTH 6428: Pediatric Diabetes and Endocrinology
Goals/Objectives: 1) To understand the pathophysiology of endocrine and metabolic diseases in childhood. 2) To understand the fundamentals of growth processes in infancy, childhood, and adolescence.
CURRICULUM: The Department of Child Health has a large patient care and research program for children with diabetes mellitus. In addition, the Department has a busy general endocrinology program. Thus, students on the elective can participate in the care of patients with a wide spectrum of endocrine and metabolic diseases. Students can carry out specific clinical or laboratory projects relating to specific aspects of either diabetes or endocrine disease, deepen their understanding of pathophysiology of disease and gain a better understanding of the impact of a chronic disorder on the child and his/her family.
Credit Hours: 5
Prerequisites: Child Health Clerkship

CH_HTH 6429: Developmental Pediatrics
Developmental Pediatrics
Credit Hours: 5

CH_HTH 6430: Pediatric Cardiology
Goals/Objectives: Clinical and laboratory material is available to achieve the following objectives: 1) Develop skills in auscultation, resuscitation, treatment of congestive heart failure, and recognition of congenital heart disease in infants. 2) Adequate exposure to pediatric electrocardiography, echocardiography, cineangiography, and interpretation of cardiac catheterization data. 3) Proficiency in the management of postoperative cardio-vascular patients.
Credit Hours: 5
Prerequisites: Child Health Clerkship

CH_HTH 6431: Pediatric Pulmonology
Goals/Objectives: To gain experience in the treatment of asthma, bronchopulmonary dysplasia, cystic fibrosis, sleep disorders, and other respiratory diseases and to learn about pulmonary function testing in children.
Credit Hours: 5

CH_HTH 6432: Pediatric Gastroenterology
Goals/Objectives: 1) Gain experience in GI diseases of children noting the difference and similarities with adult diseases. 2) To introduce the student to some of the most commonly encountered diagnoses in pediatrics and to its management. 3) To learn to focus on physical diagnosis skills. CURRICULUM: Preceptorship with a pediatric subspecialist for four weeks will include inpatient and outpatient service activities.
Credit Hours: 5

CH_HTH 6433: Child Adolescent Medicine
Goals/Objectives: To teach 4th year students the intricacies of care of the adolescent patient. Specifically, the rotation will address the adolescent interview, important considerations in the adolescent “check-up”, and managing the varied problems in adolescents, from attention deficit disorder to eating disorders and gynecological issues. The student will leave the rotation with a better understanding of the care of adolescents. CURRICULUM: These objectives will be met in the following manner: 1) Student will actively participate in adolescent medicine clinic with both clinical attendings. He/she will be responsible for the initial evaluation of the patients in the clinic, will actively participate in clinical decision-making, and will be responsible for helping with patient write-ups and referral letters (at the discretion of the attending). The student will be expected to function on an extern level, following up on laboratory evaluations and checking in with patients seen, when needed. 2) The student will participate in the adolescent interview practice sessions with the interact teen theatre with the residents on the rotation. This process will help to improve interviewing skills with adolescents. 3) The student will be responsible for helping with any inpatient care, including consultations and/or admissions. 4) The student will be asked to identify particular areas of interest to be used as topics for interactive discussion with one of the attendings or for a short paper.
CH_HTH 6435: Ped Renal and Rheumatology  
4th year elective for renal/rheumatology rotation, four weeks.  
Credit Hours: 5  
Prerequisites: Child Health Clerkship

CH_HTH 6951: SCC Pediatric Allergy and Immunology 2 week  
This subspecialty elective emphasizes an introductory 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,  
contact 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,  
Recommended: Completion of the Child Health Clerkship (CH_HTH  
6000 or CH_HTH 6010) is suggested but not required

CH_HTH 6912: Introduction to Adolescent Medicine  
The rotation is primarily an outpatient experience, though the student  
may be asked to do inpatient consultations with the attending physician  
on service. In addition to learning and practicing primary care of  
adolescent patients the elective will present an in-depth experience of  
adolescent medicine as a subspecialty, including, but not limited to,  
conditions such as eating disorders, disorders of puberty and  
menstruation, obesity, ADHD, and substance abuse. Additional teaching  
methods used include a pre-post test, lectures, and readings relevant to  
adolescent medicine. Completion of the Child Health Clerkship: CH_HTH  
6000 and CH_HTH 6010.  
Credit Hours: 2  
Prerequisites: Successful completion of the first two years of medical  
school

CH_HTH 6913: Introduction to Pediatric Endocrinology  
The rotation is primarily an outpatient experience, though the student  
may be asked to do inpatient consultations with the attending physician  
on service. The elective will present an in-depth experience of diabetes/  
endocrinology as a subspecialty, including, but not limited to, exposure to  
disorders in growth and puberty, obesity, abnormalities in thyroid function  
and managing blood glucose levels in patients with type 1 diabetes.  
Additional teaching methods used may include lectures and readings  
relevant to this subspecialty.  
Credit Hours: 2  
Prerequisites: Successful completion of the first two years of medical  
school

CH_HTH 6850: Springfield Pediatric Neurology  
Management of common pediatric neurology issues such as: episodic/  
paroxysmal disorders, seizures, headaches, developmental delay,  
cerebral palsy, muscle disorders, etc.  
Credit Hours: 5  
Prerequisites: Successful completion of 5 of the 7 core clerkships.  
Three of the 5 must be Child Health clerkship, Psychiatry clerkship and  
Neurology clerkships

CH_HTH 6829: Pediatric Neurology  
Pediatric Neurology  
Credit Hours: 5

CH_HTH 6830: Springfield Pediatric Neurology  
The elective will present an in-depth experience of diabetes/endocrinology  
as a subspecialty, including, but not limited to, exposure to disorders in  
growth and puberty, obesity, abnormalities in thyroid function and  
managing blood glucose levels in patients with type 1 diabetes.  
Additional teaching methods used may include lectures and readings  
relevant to this subspecialty.  
Credit Hours: 2  
Prerequisites: Successful completion of the first two years of medical  
school

CH_HTH 6828: Pediatric Intensive Care Unit  
Goals/Objectives: 1) To provide the student with the initial approach and  
management of children requiring care in the Pediatric Intensive Care  
Unit. 2) To provide the student with the basics of airway management  
in children. 3) To provide the student with an understanding of the  
preoperative assessment with preparation of pediatric patients. 4) To  
provide the student with an introduction to the perioperative management  
of common pediatric surgical problems. CURRICULUM: Students in  
this elective will spend time in both the Pediatric ICU and the operating  
rooms. They will be required to participate in daily rounds in the PICU and  
follow the medical/surgical patients admitted to the PICU.  
Credit Hours: 5  
Prerequisites: Child Health Clerkship

CH_HTH 6826: General Child Health - Outpatient  
Goals/Objectives: To provide additional experience in general pediatrics  
in outpatient care. CURRICULUM: The student will function as a member  
of the healthcare team. This includes taking histories, performing physical  
exams, and working up patient management plans. This may require  
working evening clinic and Saturday clinic in addition to regular daytime  
clinics.  
Credit Hours: 5  
Prerequisites: Child Health Clerkship

CH_HTH 6827: Neonatology/Neonatal Intensive Care Unit  
Goals/Objectives: To gain experience: 1) in the evaluation, diagnosis,  
and management of sick newborns, and 2) in the performance of  
specialized procedures necessary for ICU care. CURRICULUM: The student  
will function as a first-year house officer, with his/her own  
neonatal ICU patients for initial work-up and management, under the  
supervision of the PL-2 or PL-3 and attending staff. (rotation at Columbia  
Regional Hospital)  
Credit Hours: 5  
Prerequisites: Child Health Clerkship

CH_HTH 6825: General Child Health - Inpatient  
Goals/Objectives: To provide additional experience in general pediatrics  
in inpatient care. CURRICULUM: The student will function as a member  
of the house staff team assuming many of the roles of the first year  
residents in patient care. This includes working up of patient’s  
management plans, rounding, staffing, conferences, etc. Night coverage  
with supervision is included.  
Credit Hours: 5  
Prerequisites: CH_HTH 6000; restricted to medical students only

CH_HTH 6826: General Child Health - Inpatient  
Goals/Objectives: To provide additional experience in general pediatrics  
in inpatient care. CURRICULUM: The student will function as a member  
of the house staff team assuming many of the roles of the first year  
residents in patient care. This includes working up of patient’s  
management plans, rounding, staffing, conferences, etc. Night coverage  
with supervision is included.  
Credit Hours: 5  
Prerequisites: Child Health Clerkship

CH_HTH 6726: Child Health Rural Elective  
Students will enhance their knowledge about patient-centered care of  
children through active participation in a primarily outpatient clinical  
experience. Limited inpatient experience may be offered as well.  
Credit Hours: 5  
Prerequisites: CH_HTH 6000; restricted to medical students only

CH_HTH 6825: General Child Health - Inpatient  
Goals/Objectives: To provide additional experience in general pediatrics  
in inpatient care. CURRICULUM: The student will function as a member  
of the house staff team assuming many of the roles of the first year  
residents in patient care. This includes working up of patient’s  
management plans, rounding, staffing, conferences, etc. Night coverage  
with supervision is included.  
Credit Hours: 5  
Prerequisites: Child Health Clerkship

CH_HTH 6435: Ped Renal and Rheumatology  
4th year elective for renal/rheumatology rotation, four weeks.  
Credit Hours: 5  
Prerequisites: 3rd year Pediatrics/Child Health or Internal Medicine  
rotation
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 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.

**Credit Hours:** 2  
**Prerequisites:** Successful completion of the first two years of medical school

---

**CH_HTH 6953: Springfield Neonatal Intensive Care Unit 2-Week**

The course goals are for the student to gain knowledge and experience in the evaluation, diagnosis, and management of sick newborns, and in the performance of specialized procedures necessary for ICU care. The student will demonstrate an introductory-level working understanding of these areas.

**Credit Hours:** 2  
**Prerequisites:** Successful completion of the first two years of medical school and a core rotation in family medicine or pediatrics

---

**CH_HTH 6965: Springfield Intro to Pediatric Endocrinology**

This rotation is primarily an outpatient experience, though the student may be asked to do inpatient consultations with the attending physician. This elective will present an in-depth experience of diabetes/endocrinology as a subspecialty, including but not limited to exposure to disorders in growth and puberty, obesity, abnormalities in thyroid function, and managing blood glucose levels in patients with type 1 diabetes. Additional teaching methods used may include mini-lectures and readings relevant to this subspecialty.

**Credit Hours:** 2  
**Prerequisites:** Successful completion of the first two years of medical school. Completion of M3 CH clerkship suggested but not required