

# PEDIATRICS (PEDS-ML)

## PEDS-ML 2004 Pediatrics Clerkship (6 Credits)

*Typically offered Fall and Spring*

This six-week, phase two rotation at NYU Langone Hospital Long Island includes a comprehensive introduction to general pediatric medicine through patient encounters, case presentations, and record keeping using an electronic medical record (EPIC). Students take thorough and focused patient histories and physical examinations for children from the newborn period to adolescence and perform common pediatric procedures.

**Grading:** SOM Graded

**Repeatable for additional credit:** No

## PEDS-ML 3005 Subinternship - Pediatrics (4 Credits)

*Typically offered Fall and Spring*

The Pediatric Sub-Internship is a 4-week rotation at NYU Grossman Long Island School of Medicine. The overall goal of the Sub-Internship in Pediatrics is to develop competence in the fundamentals of pediatrics, to expand the student's proficiency and fuller independence in the evaluation, diagnosis, and management of a variety of diseases and disorders of the pediatric patient. The sub-intern will function as part of the house staff team and will manage assigned cases under the supervision of pediatric senior residents and pediatric faculty.

**Grading:** SOM Graded

**Repeatable for additional credit:** No

## PEDS-ML 3010 Critical Care - Neonatology (4 Credits)

*Typically offered Fall and Spring*

During the four-week, phase three critical care clerkship at NYU Langone Hospital Long Island, students develop the knowledge, skills, and experience needed to care for critically ill patients. Students have the option to rotate in a specialty intensive care unit (medical, neonatal, pediatric, surgical) aligned with their career choice. Neonatal: Critical care clerkship responsibilities include daily teaching rounds and following, assessing, and treating critically ill patients and be an active member of the care team. Learners will assist in the diagnosis and treatment of complex and critical care issues in neonates and premature newborns.

**Grading:** SOM Graded

**Repeatable for additional credit:** No

## PEDS-ML 3011 Critical Care - Pediatrics (4 Credits)

*Typically offered Fall and Spring*

During the four-week, phase three critical care clerkship at NYU Langone Hospital Long Island, students develop the knowledge, skills, and experience needed to care for critically ill patients. Students have the option to rotate in a specialty intensive care unit (medical, neonatal, pediatric, surgical) aligned with their career choice. Pediatric: Critical care clerkship responsibilities include daily teaching rounds and following, assessing, and treating critically ill patients and be an active member of the care team. This rotation also includes didactic sessions on important critical care topics. The Pediatric Critical Care Clerkship curriculum is designed to prepare the student to understand critical illness in children. During the rotation, students will learn how to efficiently diagnose, evaluate, and manage both common and unusual pediatric critical illnesses in the pediatric intensive care unit.

**Grading:** SOM Graded

**Repeatable for additional credit:** No

## PEDS-ML 4007 Ambulatory Pediatrics (2 Credits)

*Typically offered Fall and Spring*

The elective provides students with additional exposure to ambulatory pediatrics. Experience will be gained in well child and adolescent care, including behavioral and mental health assessment, immunization practices and anticipatory guidance, and common outpatient pediatric illnesses. Emphasis will be placed on principles of preventative health care, diagnosis, treatment and follow-up of common pediatric outpatient illnesses, and coordination of care for patients with special health care needs.

**Grading:** SOM Graded

**Repeatable for additional credit:** No

## PEDS-ML 4018 Newborn Nursery (2 Credits)

*Typically offered Fall and Spring*

The Well Baby Nursery Elective Rotation is designed to give medical students a comprehensive hands-on educational experience in newborn medicine. Students will attend daily rounds with the nursery attending, learn to conduct thorough newborn physical exams, identify normal variations of physical findings, and discern when subspecialist consultation or escalation to higher level of care (i.e., NICU) may be needed. Core newborn topics - physiological jaundice, care of late preterm infant, management of newborn hypoglycemia, amongst others - will be covered in full. The rotation also includes attendance at both vaginal and cesarean deliveries with pediatric residents and other staff.

**Grading:** SOM Graded

**Repeatable for additional credit:** No

## PEDS-ML 4023 Pediatric Hematology and Oncology (2 Credits)

*Typically offered Fall and Spring*

Time will be spent mostly in the outpatient setting of a general pediatric hematology and oncology clinic. You will see patients on your own with various benign and malignant diagnoses. You will also observe pediatric procedures (lumbar punctures and bone marrow aspirations and biopsies). You will be responsible for a presentation on a pediatric hematology and oncology topic of interest.

**Grading:** SOM Graded

**Repeatable for additional credit:** No

## PEDS-ML 4024 Pediatric Hematology and Oncology (4 Credits)

*Typically offered Fall and Spring*

Time will be spent mostly in the outpatient setting of a general pediatric hematology and oncology clinic. You will see patients on your own with various benign and malignant diagnoses. You will also observe pediatric procedures (lumbar punctures and bone marrow aspirations and biopsies). You will be responsible for a presentation on a pediatric hematology and oncology topic of interest.

**Grading:** SOM Graded

**Repeatable for additional credit:** No

**PEDS-ML 4025 Pediatric Infectious Diseases (2 Credits)***Typically offered Fall and Spring*

The elective will foster an analytic approach to the diagnosis and management of complicated childhood infections. The students will have the opportunity to be involved in both inpatient consultations and in the Pediatric Infectious Diseases outpatient clinic. The service typically sees 20-30 new consultations a month and the students will generally be the first contact with the patient. The students will be involved in providing care to 3-4 clinic patients a day including exposure to Travel Medicine. The division works closely with Hospital Microbiology, Hospital Infection Control, Quality Improvement and Antimicrobial Stewardship Committees. Students will have educational experiences in these areas. Students will attend weekly case conferences with the Pediatric Infectious Diseases Division and are encouraged to present interesting cases.

**Grading:** SOM Graded**Repeatable for additional credit:** No**PEDS-ML 4026 Pediatric Infectious Diseases (4 Credits)***Typically offered Fall and Spring*

The elective will foster an analytic approach to the diagnosis and management of complicated childhood infections. The students will have the opportunity to be involved in both inpatient consultations and in the Pediatric Infectious Diseases outpatient clinic. The service typically sees 20-30 new consultations a month and the students will generally be the first contact with the patient. The students will be involved in providing care to 3-4 clinic patients a day including exposure to Travel Medicine. The division works closely with Hospital Microbiology, Hospital Infection Control, Quality Improvement and Antimicrobial Stewardship Committees. Students will have educational experiences in these areas. Students will attend weekly case conferences with the Pediatric Infectious Diseases Division and are encouraged to present interesting cases.

**Grading:** SOM Graded**Repeatable for additional credit:** No**PEDS-ML 4049 Pediatric Emergency Medicine (2 Credits)***Typically offered occasionally*

This elective will allow the student to more independently identify and manage actively ill pediatric patients. The student will develop knowledge and skill in the approach to the acutely ill child. Differential diagnosis and pathophysiology of pediatric conditions will be reviewed. The student will be given the opportunity to engage in the dynamics surrounding illness and coping mechanisms of the family with the acutely ill child. The student will have the opportunity to perform or assist in procedures such as: IV insertion, venipuncture, lumbar puncture, suture repair, incision and drainage, and simple splinting. Patients seen by the student will be directly supervised by the Pediatric ED Attendings and pediatric residents. The student will be expected to take night and weekend shifts.

**Grading:** SOM Graded**Repeatable for additional credit:** No**PEDS-ML 4084 Ambulatory Pediatrics (4 Credits)***Typically offered Fall and Spring*

The elective provides students with additional exposure to ambulatory pediatrics. Experience will be gained in well child and adolescent care, including behavioral and mental health assessment, immunization practices and anticipatory guidance, and common outpatient pediatric illnesses. Emphasis will be placed on principles of preventative health care, diagnosis, treatment and follow-up of common pediatric outpatient illnesses, and coordination of care for patients with special health care needs.

**Grading:** SOM Graded**Repeatable for additional credit:** No**PEDS-ML 4086 Pediatric Gastroenterology (4 Credits)***Typically offered Fall and Spring*

The pediatric gastroenterology elective rotation will expose students to both the in-patient and out-patient experience of taking care of children with gastrointestinal, hepatic, and nutritional problems. This rotation will expose the students to the identification, diagnosis, and management of common in-patient and out-patient gastro-intestinal disorders in children and adolescents. The students will also learn how to perform basic nutritional assessments, provide counseling/education, and recommend nutritional support for a variety of conditions under the supervision of the pediatric gastroenterologist. The four-week elective will foster a greater in-depth knowledge of pediatric gastroenterology with exposure to some of the basic science and molecular biology that is involved; it will also provide a more in-depth exposure to procedure skills practice.

**Grading:** SOM Graded**Repeatable for additional credit:** No**PEDS-ML 4087 Pediatric Pulmonology (4 Credits)***Typically offered Fall and Spring*

Medical students during their subspecialty rotation in Pulmonology should understand the role of the pediatrician in prevention, screening, treatment and counseling patients and their families with pulmonary disorders. The following core competencies are expected to be met by medical students during their time assigned to our department.

**Grading:** SOM Graded**Repeatable for additional credit:** No**PEDS-ML 4116 Pediatric Pulmonology (2 Credits)***Typically offered Fall and Spring*

Medical students during their subspecialty rotation in Pulmonology should understand the role of the pediatrician in prevention, screening, treatment and counseling patients and their families with pulmonary disorders. The following core competencies are expected to be met by medical students during their time assigned to our department.

**Grading:** SOM Graded**Repeatable for additional credit:** No**PEDS-ML 4120 Pediatric Gastroenterology (2 Credits)***Typically offered Fall and Spring*

The pediatric gastroenterology elective rotation will expose students to both the in-patient and out-patient experience of taking care of children with gastrointestinal, hepatic, and nutritional problems. This rotation will expose the students to the identification, diagnosis, and management of common in-patient and out-patient gastro-intestinal disorders in children and adolescents. The students will also learn how to perform basic nutritional assessments, provide counseling/education, and recommend nutritional support for a variety of conditions under the supervision of the pediatric gastroenterologist.

**Grading:** SOM Graded**Repeatable for additional credit:** No**PEDS-ML 4154 Pediatric Nephrology (2 Credits)***Typically offered Fall and Spring*

The 2-week elective is an immersive combined inpatient and outpatient experience focused on clinical exposure and education. Students will see common pediatric nephrology cases, including proteinuria, hematuria, hypertension, acute kidney injury, chronic kidney disease, electrolyte abnormalities, and congenital abnormalities of the kidney and urinary tract (CAKUT). Students will also observe patients in the dialysis unit, learn the basics of urinalysis interpretation, urine microscopy, and ultrasounds of the kidney and bladder.

**Grading:** SOM Graded**Repeatable for additional credit:** No

**PEDS-ML 4167 Developmental Pediatrics (2 Credits)***Typically offered Fall and Spring*

The elective in Developmental Behavioral Pediatrics at NYU Long Island is designed to help students develop an analytical approach to the diagnosis and management of developmental behavioral disorders in children. The students will have the opportunity to be involved in outpatient consultations in the Developmental Behavioral Pediatric clinic. Approximately around 20-30 new consultations are completed a month and the students will participate and learn how to do a developmental behavioral consultation with the clinician. The students will also be involved in providing follow-up care to 6 to 8 patients with developmental and behavioral disorders per day, including exposure in the medication follow-up clinic. The division works closely with the Genetics Clinic, the PRM Clinic, and the Child and Adolescent Clinic. Students will have educational experiences in each of these areas.

**Grading:** SOM Graded**Repeatable for additional credit:** No**PEDS-ML 4169 Developmental Behavioral Pediatrics (2 Credits)***Typically offered Fall and Spring*

The elective in Developmental Behavioral Pediatrics at NYU Grossman Long Island School of Medicine is designed to help students develop an analytical approach to the diagnosis and management of developmental behavioral disorders in children. The student will have the opportunity to be involved in outpatient consultations in the Developmental Behavioral Pediatric clinic. Approximately 20-30 new consultations are completed a month; the student will participate and learn how to do a developmental behavioral consultation with the clinician. The students will also be involved in providing follow-up care to 6 to 8 patients with developmental and behavioral disorders per day, including exposure in the medication follow-up clinic.

**Grading:** SOM Graded**Repeatable for additional credit:** No