

# MEDICINE (MED-ML)

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## **MED-ML 1025 Allergy and Immunology (1 Credit)**

"This elective is designed to provide the student with comprehensive experience in the diagnosis and management of allergic and immunologic diseases, common chronic conditions that affect over 50 million Americans. Unique to this field is the inter-phase of adult and pediatric patients thus the opportunity to see patients from their infancy to the elderly. Although the vast majority of patient interaction occurs within the outpatient setting, inpatient consultations provide exposure to complex diagnostic and management problems in patients with disorders such as anaphylaxis, difficult to control asthma, immunodeficiency, drug eruptions and other immunologic problems. One-on-one rounds with the faculty, conferences, case discussions, resident presentations, reading, and audiovisual materials maximize different modalities of learning. Whether the interest of the student is clinical, research, academic or government, allergy and immunology provides a host of exciting challenges."

**Grading:** SOM Graded

**Repeatable for additional credit:** No

## **MED-ML 2001 Medicine Clerkship (8 Credits)**

"During this eight-week, phase two rotation, students gain experience caring for adult patients at NYU Langone Hospital—Long Island and participate in educational sessions about internal medicine topics. Students are assigned to an inpatient house-staff team and an attending preceptor small group. Students benefit from close working relationships with house staff team and participate in an educational program that has been carefully and specifically designed for medical students."

**Grading:** SOM Graded

**Repeatable for additional credit:** Yes

## **MED-ML 3004 Subinternship - Medicine (4 Credits)**

"The Internal Medicine Sub-Internship is a 4-week rotation at NYU Grossman Long Island School of Medicine. The clinical experience will be in the general medicine inpatient floors whereby the Sub-Intern student will function as part of the house staff team and manage assigned patient cases under the supervision of Internal Medicine residents and faculty physicians. The overall goal of the Sub-Internship in Internal Medicine is to develop competence in the fundamentals of Internal Medicine, and to expand the student's proficiency and fuller independence in the evaluation, diagnosis, and management of a variety of diseases and disorders of the adult patient. Sub-Intern medical students will be directly involved in patient care activities and responsibilities including: pre-rounding, hospital teaching rounds and presenting of patients, daily progress (SOAP) note writing, medical order writing, consultation request, and hospital admissions (H and P), with greater emphasis on independently gathering information, clinical assessments and management plans."

**Grading:** SOM Graded

**Repeatable for additional credit:** Yes

## **MED-ML 3008 Critical Care - Medicine (4 Credits)**

"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. Medicine: 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. The cornerstone of the medical critical care rotation is the care of critically ill adult patients. The rotation is designed to give the learners exposure to patients afflicted with respiratory failure, shock, sepsis, and other typical Intensive Care Unit problems."

**Grading:** SOM Graded

**Repeatable for additional credit:** Yes

## **MED-ML 4005 Allergy and Immunology (2 Credits)**

"This elective is designed to provide the student with comprehensive experience in the diagnosis and management of allergic and immunologic diseases, common chronic conditions that affect over 50 million Americans. Unique to this field is the inter-phase of adult and pediatric patients thus the opportunity to see patients from their infancy to the elderly. Although the vast majority of patient interaction occurs within the outpatient setting, inpatient consultations provide exposure to complex diagnostic and management problems in patients with disorders such as anaphylaxis, difficult to control asthma, immunodeficiency, drug eruptions and other immunologic problems. One-on-one rounds with the faculty, conferences, case discussions, resident presentations, reading and audiovisual materials maximize different modalities of learning. Whether the interest of the student is clinical, research, academic or government, allergy and immunology provides a host of exciting challenges."

**Grading:** SOM Graded

**Repeatable for additional credit:** Yes

## **MED-ML 4006 Allergy and Immunology (4 Credits)**

"This elective is designed to provide the student with comprehensive experience in the diagnosis and management of allergic and immunologic diseases, common chronic conditions that affect over 50 million Americans. Unique to this field is the inter-phase of adult and pediatric patients thus the opportunity to see patients from their infancy to the elderly. Although the vast majority of patient interaction occurs within the outpatient setting, inpatient consultations provide exposure to complex diagnostic and management problems in patients with disorders such as anaphylaxis, difficult to control asthma, immunodeficiency, drug eruptions and other immunologic problems. One-on-one rounds with the faculty, conferences, case discussions, resident presentations, reading and audiovisual materials maximize different modalities of learning. Whether the interest of the student is clinical, research, academic or government, allergy and immunology provides a host of exciting challenges."

**Grading:** SOM Graded

**Repeatable for additional credit:** Yes

**MED-ML 4013 "Endocrinology, Diabetes and Metabolism In and Out Patient Overview" (4 Credits)**

"The student will participate in both the inpatient and outpatient endocrinology service, including inpatient rounds with the endocrinology team and the outpatient clinic. The student is given the responsibility of seeing selected new patients in consultation, under the supervision of the fellow, presenting these cases on rounds and following their progress daily. In the clinic, the student will accompany the fellow and participate in the evaluation and presentation of cases to an attending physician. The student will also attend the weekly endocrine conferences held every Wednesday from 10:00 a.m. to 12:00 noon. The purpose of this rotation is to afford the student an opportunity to develop familiarity with the spectrum of endocrinologic disease. As the bulk of clinical endocrinology is found in the ambulatory setting, the rotation is structured to allow the student to devote much of his or her time in the outpatient setting. Students are expected to apply each of the Six ACGME Core Competencies to their learning experience while on the elective. The rotation provides a thorough, complete experience in the diagnosis and management of endocrine disorders. The student will participate in patient care under the supervision of faculty with expertise in the area of Endocrinology, Diabetes and Metabolism."

**Grading:** SOM Graded

**Repeatable for additional credit:** Yes

**MED-ML 4014 Nephrology (2 Credits)**

"A student enrolling in this Inpatient Consultative Nephrology Elective will experience the fundamentals of inpatient nephrology by participating in daily inpatient rounds with the nephrology fellow (either 1st or 2nd year) and the faculty. There may be categorical internal medicine residents rotating through the nephrology elective as additional learners. The goal is provide the students with an overview in the evaluation and management of patients with nephrological focus. Many of the learned skills will be essential to a primary care physician managing the common kidney related complications in the hospital setting. The consultations requested of the nephrology service assist the primary team in diagnosing and managing kidney related complications. These issues span from acute kidney injury, glomerulonephritis, chronic kidney disease, electrolyte disorders, difficult to manage hypertension, renal replacement therapy to kidney transplant management in both the intensive care unit setting and on the general medical floors. The consultation service provides hands-on opportunities for the learners to evaluate the patient and to formulate a plan together with the assistance of more experienced team members. The diagnostic and therapeutic planning should be based on the fundamentals of physiology, pathophysiology, anatomy, pathology and pharmacology."

**Grading:** SOM Graded

**Repeatable for additional credit:** Yes

**MED-ML 4015 Pulmonary Medicine (2 Credits)**

"The Pulmonary Medicine elective is a 2-week rotation that provides the student an introduction to the field of Pulmonary Medicine. Students will become part of a team including the pulmonary attending, fellow, and housestaff. Daily rounds will be performed on all pulmonary consultations and inpatients of the pulmonary consult service. Students will learn the approach to diagnosis and management of diverse pulmonary conditions including pneumonia, COPD, asthma, lung cancer, pulmonary embolism, and interstitial lung diseases. They will also be exposed to common pulmonary procedures including bronchoscopy and thoracentesis and will learn to interpret pulmonary function testing. They will also have the opportunity to see patients in the busy outpatient pulmonary office practice under supervision of one of the pulmonary faculty."

**Grading:** SOM Graded

**Repeatable for additional credit:** Yes

**MED-ML 4019 Gastroenterology Elective (2 Credits)**

"This course introduces students to the gastrointestinal system. Topics covered include congenital multi-organ motility disorder, Crohn's disease, acute biliary pancreatitis, gastroesophageal reflux disease, colon cancer, gastrointestinal complications in immunocompromised patients, abnormal results on liver-related tests, jaundice, and chronic liver disease."

**Grading:** SOM Graded

**Repeatable for additional credit:** Yes

**MED-ML 4020 Gastroenterology (4 Credits)**

"This elective will provide students with an overview of the evaluation and treatment of patients with digestive health and nutrition problems. Students will have the opportunity to participate in the care of hospitalized patients and patients in the outpatient GI clinics. They will also have the opportunity to observe a variety of endoscopic procedures. The direct patient care experience and clinical teaching is supplemented by tutorial sessions devoted to key area of gastroenterology, hepatology and nutrition and by participating in a variety of conferences including GI case conferences, GI journal club, GI radiology and pathology conferences."

**Grading:** SOM Graded

**Repeatable for additional credit:** Yes

**MED-ML 4044 Dermatology (2 Credits)**

"The dermatology course elective provides medical students with an opportunity to develop fundamental knowledge and skills in the diagnosis and treatment of dermatologic disease in a 2-week period. Students will be exposed to general dermatology and common procedures performed in the dermatology clinic. You will directly interact with possible internal medicine residents and clinical support staff. Students will be able to properly perform a history and physical examination on patients with skin diseases. Reading and review of assigned materials will be required in preparation for a series of cases discussions. A formal presentation on a topic of the student's choice will be required in the final week. The goal of the elective is to give students the fundamentals of dermatologic physical examination, diagnosis, and treatment."

**Grading:** SOM Graded

**Repeatable for additional credit:** Yes

**MED-ML 4046 Occupational and Environmental Medicine (2 Credits)**

"Introduction to field of Occupational Medicine with emphasis on health conditions related to Sept 11, 2001. Student will shadow clinicians and there may be opportunities for research. They student may also visit local factories and interact with other safety professionals."

**Grading:** SOM Graded

**Repeatable for additional credit:** Yes

**MED-ML 4051 Rheumatology (2 Credits)**

Students are provided a comprehensive approach in the diagnosis and management of rheumatologic disorders. A diverse outpatient experience in NYU Langone Hospital- Long Island emphasizes management of patients with common chronic rheumatic diseases. Inpatient consultations provide exposure to complex diagnostic and management problems in patients with multisystem disorders. Illustrative cases and management problems are reviewed with faculty during walking rounds. Weekly conferences and Journal Clubs serve to introduce new and controversial topics. Didactic sessions along with reading and visual materials review immunopathologic and biochemical mechanisms of rheumatologic disease.

**Grading:** SOM Graded

**Repeatable for additional credit:** Yes

**MED-ML 4052 Sleep Medicine (2 Credits)**

"The Sleep Medicine elective is intended to provide the student with a broad overview of the specialty of Sleep Medicine. The student will attend the Sleep Medicine clinic where a diverse patient population can be expected, including patients with sleep disordered breathing, insomnia, restless legs syndrome and narcolepsy as well as numerous other, less common, disorders. The student's experience is complemented by time in the sleep laboratory where there is an opportunity to learn the fundamentals of sleep technology relevant to Sleep Medicine. Formal didactics, case conferences and journal clubs further enrich the student's experience. This rotation should be of particular interest to those students considering careers in Sleep Medicine, as well as those with interests in general medicine and its subspecialties, psychiatry, pediatrics and otolaryngology. The Sleep Medicine elective is a 2D4-week rotation that introduces the broad field of Sleep Medicine. The training and experiences emphasize the multidisciplinary nature of Sleep Medicine which is reflected in our core curriculum of lectures, the clinical experiences and the training in sleep technology."

**Grading:** SOM Graded

**Repeatable for additional credit:** Yes

**MED-ML 4058 Palliative Care Medicine (2 Credits)**

"This elective in Palliative Medicine is based on the tenets of interdisciplinary care, expert pain and symptom management and an introduction to patient centered communication skills and decision making. Students will learn through structured and unstructured teaching the approach to patients living with serious medical illness and patients approaching End of Life. They will have the opportunity to observe closely and learn about team based care and the importance of interdisciplinary collaboration. Students will begin to work on skills required for primary palliative care"

**Grading:** SOM Graded

**Repeatable for additional credit:** Yes

**MED-ML 4066 Rheumatology (4 Credits)**

Students are provided a comprehensive approach in the diagnosis and management of rheumatologic disorders. A diverse outpatient experience in NYU Langone Hospital- Long Island emphasizes management of patients with common chronic rheumatic diseases. Inpatient consultations provide exposure to complex diagnostic and management problems in patients with multisystem disorders. Illustrative cases and management problems are reviewed with faculty during walking rounds. Weekly conferences and Journal Clubs serve to introduce new and controversial topics. Didactic sessions along with reading and visual materials review immunopathologic and biochemical mechanisms of rheumatologic disease.

**Grading:** SOM Graded

**Repeatable for additional credit:** Yes

**MED-ML 4077 Advanced Cardiology and Electrocardiography Elective (2 Credits)**

"The students will be granted an opportunity to refine their clinical acumen through exposure to a busy inpatient cardiology service. Knowledge building will consist of direct patient encounters along with didactic teaching of electrocardiograms of the patients seen on the consultation service. Correlation of the patients' illnesses with electrocardiography and ancillary imaging studies will be reviewed. Topics will consist of coronary artery disease, congestive heart failure, valvular heart disease, and atrial and ventricular arrhythmias."

**Grading:** SOM Graded

**Repeatable for additional credit:** Yes

**MED-ML 4088 Geriatrics - Inpatient Elective (2 Credits)**

"With increasing life expectancy, it is essential for all physicians to incorporate Geriatric principles in the care of hospitalized older patients. Students on this elective will be exposed to multiple facets of the practice of Geriatric medicine during their inpatient admission. By the end of this rotation, students will have learned core principles in the evaluation and care of older adults in the inpatient setting. The student will develop knowledge and skills in identifying the different common diseases and syndromes that affect the geriatric population in the inpatient setting such as delirium and polypharmacy. Students will learn about venues of post-hospital care including assisting living facilities, sub-acute rehabilitation and long term care. Students will participate in the daily rounds of these patients with the Geriatrics attending and fellow on service to learn strategies for effective communication, medical knowledge of geriatric syndromes and principles, diagnostic and prognostic skills and incorporating cost awareness with risk/benefit perspective in the inpatient setting in the care of complex older adults."

**Grading:** SOM Graded

**Repeatable for additional credit:** Yes

**MED-ML 4089 Geriatrics - Outpatient Elective (2 Credits)**

"As life expectancy is increasing, it is important for all physicians to incorporate Geriatric principles in the care of patients. Students on this elective will experience multiple facets of Geriatric medicine in the outpatient ambulatory clinic. By the end of this rotation, students will be proficient in the evaluation and care of an older adult patient in a humanistic and respectful fashion. The overarching goal of this elective is to learn the comprehensive geriatric functional assessment and assessment of cognitive and functional status. Students will also learn strategies for effective communication, geriatric medical knowledge, clinical skills, problem solving and incorporating cost awareness and risk benefits in the outpatient setting in the care of older adults."

**Grading:** SOM Graded

**Repeatable for additional credit:** Yes

**MED-ML 4093 Infectious Disease (4 Credits)**

"This elective will provide students with an overview of the evaluation and treatment of patients with digestive health and nutrition problems. Students will have the opportunity to participate in the care of hospitalized patients and patients in the outpatient GI clinics. They will also have the opportunity to observe a variety of endoscopic procedures. The direct patient care experience and clinical teaching is supplemented by tutorial sessions devoted to key area of gastroenterology, hepatology and nutrition and by participating in a variety of conferences including GI case conferences, GI journal club, GI radiology and pathology conferences."

**Grading:** SOM Graded

**Repeatable for additional credit:** Yes

**MED-ML 4114 "Endocrinology, Diabetes and Metabolism In and Out Patient Overview" (2 Credits)**

"The student will participate in both the inpatient and outpatient endocrinology service, including inpatient rounds with the endocrinology team and the outpatient clinic. The student is given the responsibility of seeing selected new patients in consultation, under the supervision of the fellow, presenting these cases on rounds and following their progress daily. In the clinic, the student will accompany the fellow and participate in the evaluation and presentation of cases to an attending physician. The student will also attend the weekly endocrine conferences held every Wednesday from 10:00 a.m. to 12:00 noon. The purpose of this rotation is to afford the student an opportunity to develop familiarity with the spectrum of endocrinologic disease. As the bulk of clinical endocrinology is found in the ambulatory setting, the rotation is structured to allow the student to devote much of his or her time in the outpatient setting. Students are expected to apply each of the Six ACGME Core Competencies to their learning experience while on the elective. The rotation provides a thorough, complete experience in the diagnosis and management of endocrine disorders. The student will participate in patient care under the supervision of faculty with expertise in the area of Endocrinology, Diabetes and Metabolism."

**Grading:** SOM Graded

**Repeatable for additional credit:** Yes

**MED-ML 4118 Infectious Disease (2 Credits)**

"This elective will provide students with an overview of the evaluation and treatment of patients with digestive health and nutrition problems. Students will have the opportunity to participate in the care of hospitalized patients and patients in the outpatient GI clinics. They will also have the opportunity to observe a variety of endoscopic procedures. The direct patient care experience and clinical teaching is supplemented by tutorial sessions devoted to key area of gastroenterology, hepatology and nutrition and by participating in a variety of conferences including GI case conferences, GI journal club, GI radiology and pathology conferences."

**Grading:** SOM Graded

**Repeatable for additional credit:** Yes

**MED-ML 4119 Geriatrics (2 Credits)**

"This elective will provide students with an overview of the evaluation and treatment of patients with digestive health and nutrition problems. Students will have the opportunity to participate in the care of hospitalized patients and patients in the outpatient GI clinics. They will also have the opportunity to observe a variety of endoscopic procedures. The direct patient care experience and clinical teaching is supplemented by tutorial sessions devoted to key area of gastroenterology, hepatology and nutrition and by participating in a variety of conferences including GI case conferences, GI journal club, GI radiology and pathology conferences."

**Grading:** SOM Graded

**Repeatable for additional credit:** Yes

**MED-ML 4123 Palliative Care Medicine (4 Credits)**

"This elective in Palliative Medicine is based on the tenets of interdisciplinary care, expert pain and symptom management and an introduction to patient centered communication skills and decision making. Students will learn through structured and unstructured teaching the approach to patients living with serious medical illness and patients approaching End of Life. They will have the opportunity to observe closely and learn about team based care and the importance of interdisciplinary collaboration. Students will begin to work on skills required for primary palliative care"

**Grading:** SOM Graded

**Repeatable for additional credit:** Yes

**MED-ML 4125 Pulmonary Medicine (4 Credits)**

"The Pulmonary Medicine elective is a 4-week rotation that provides the student an introduction to the field of Pulmonary Medicine. Students will become part of a team including the pulmonary attending, fellow, and housestaff. Daily rounds will be performed on all pulmonary consultations and inpatients of the pulmonary consult service. Students will learn the approach to diagnosis and management of diverse pulmonary conditions including pneumonia, COPD, asthma, lung cancer, pulmonary embolism, and interstitial lung diseases. They will also be exposed to common pulmonary procedures including bronchoscopy and thoracentesis and will learn to interpret pulmonary function testing. They will also have the opportunity to see patients in the busy outpatient pulmonary office practice under supervision of one of the pulmonary faculty."

**Grading:** SOM Graded

**Repeatable for additional credit:** Yes

**MED-ML 4128 Hematology-Oncology (2 Credits)**

"This elective will provide students with an overview of the evaluation and treatment of patients with digestive health and nutrition problems. Students will have the opportunity to participate in the care of hospitalized patients and patients in the outpatient GI clinics. They will also have the opportunity to observe a variety of endoscopic procedures. The direct patient care experience and clinical teaching is supplemented by tutorial sessions devoted to key area of gastroenterology, hepatology and nutrition and by participating in a variety of conferences including GI case conferences, GI journal club, GI radiology and pathology conferences."

**Grading:** SOM Graded

**Repeatable for additional credit:** Yes

**MED-ML 4129 Hematology-Oncology (4 Credits)**

"This elective will provide students with an overview of the evaluation and treatment of patients with digestive health and nutrition problems. Students will have the opportunity to participate in the care of hospitalized patients and patients in the outpatient GI clinics. They will also have the opportunity to observe a variety of endoscopic procedures. The direct patient care experience and clinical teaching is supplemented by tutorial sessions devoted to key area of gastroenterology, hepatology and nutrition and by participating in a variety of conferences including GI case conferences, GI journal club, GI radiology and pathology conferences."

**Grading:** SOM Graded

**Repeatable for additional credit:** Yes

**MED-ML 4161 Geriatrics Inpatient (4 Credits)**

*Typically offered Fall*

"With increasing life expectancy, it is essential for all physicians to incorporate Geriatric principles in the care of hospitalized older patients. Students on this elective will be exposed to multiple facets of the practice of Geriatric medicine during their inpatient admission. By the end of this rotation, students will have learned core principles in the evaluation and care of older adults in the inpatient setting. The student will develop knowledge and skills in identifying the different common diseases and syndromes that affect the geriatric population in the inpatient setting such as delirium and polypharmacy. Students will learn about venues of post-hospital care including assisting living facilities, sub-acute rehabilitation and long term care. Students will participate in the daily rounds of these patients with the Geriatrics attending and fellow on service to learn strategies for effective communication, medical knowledge of geriatric syndromes and principles, diagnostic and prognostic skills and incorporating cost awareness with risk/benefit perspective in the inpatient setting in the care of complex older adults."

**Grading:** SOM Graded

**Repeatable for additional credit:** No