

SURGERY (SURG-ML)

SURG-ML 2007 Surgery Clerkship (6 Credits)

"This six-week, phase two clerkship in surgery is designed to provide the student with a broad experience in the general surgical disciplines. This experience is designed to emphasize direct patient contact, including all phases of evaluation, diagnosis, and treatment, and is based on the recommendation of the Curriculum Committee of the Association for Surgical Education."

Grading: SOM Graded

Repeatable for additional credit: Yes

SURG-ML 3007 Subinternship - Surgery (4 Credits)

"The surgical Sub-Internship is a focused 4 week rotation designed to prepare students for residency training. Students will participate directly in the daily care of surgical patients; i.e. initial evaluation, diagnostic work-up, formulation of differential diagnoses, formulation of treatment options, and institution of management plans. The student is expected to function at the PGY-1 level, with close supervision available from the resident and attending surgical team. Students will participate on rounds, daily care tasks, procedures, surgeries, and conferences."

Grading: SOM Graded

Repeatable for additional credit: Yes

SURG-ML 3009 Critical Care - Surgery (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. Surgery: 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 goals of the surgical critical care rotation are to provide students with an opportunity to learn clinical skills and develop a foundation of knowledge to provide critical care services in the perioperative setting."

Grading: SOM Graded

Repeatable for additional credit: Yes

SURG-ML 4001 Acute Care Surgery - Emergency and Trauma Surgery (2 Credits)

"The Emergency and Trauma Surgery elective will expose the medical student to basic Advanced Trauma Life support under the direct supervision of the trauma surgeon. It will introduce the student in how to assess a patient's condition, resuscitate and stabilize him or her, and determine his or her need for surgical intervention. The student will be exposed to a wide range of trauma and polytrauma patients and will follow their care from the initial resuscitation to discharge."

Grading: SOM Graded

Repeatable for additional credit: Yes

SURG-ML 4002 Acute Care Surgery - Emergency and Trauma Surgery (4 Credits)

"The Emergency and Trauma Surgery elective will expose the medical student to basic Advanced Trauma Life support under the direct supervision of the trauma surgeon. It will introduce the student in how to assess a patient's condition, resuscitate and stabilize him or her, and determine his or her need for surgical intervention. The student will be exposed to a wide range of trauma and polytrauma patients and will follow their care from the initial resuscitation to discharge."

Grading: SOM Graded

Repeatable for additional credit: Yes

SURG-ML 4029 Vascular Surgery (4 Credits)

"Students will make daily morning rounds with the surgical residents, PA and attending staff. They will then accompany attendings either to the operating room or to office hours. They will observe and possibly participate in operating room procedures, follow patients on the surgical floors and interview and examine patients in the vascular surgery clinic. They will also participate in the weekly vascular surgery Friday conferences, work on case reports for possible publication and have the opportunity to participate in ongoing research projects."

Grading: SOM Graded

Repeatable for additional credit: Yes

SURG-ML 4055 Ambulatory Ophthalmology (2 Credits)

"A comprehensive clinical introduction to the medical and surgical aspects of eye disease and vision loss in all ages. The elective course rotation will cover wide clinical experiences of patients with eye pathology and preventative care in the ambulatory care, in-patient consults, and surgical procedures settings"

Grading: SOM Graded

Repeatable for additional credit: Yes

SURG-ML 4100 Breast Surgery Elective (2 Credits)

"The Phase III elective in Bioethics and Social Sciences is a mentored self-study project. Students will be required to meet with the elective preceptor prior to be accepted for the elective, at which time the student will be expected to identify a research/writing project for the elective. This project may be developed together with the input of the elective preceptor. Students will meet with the elective preceptor at intervals during the elective for the purposes of guiding the student to resources, and mentoring in the development and drafting of the writing project. In addition to the writing project, students will participate in ethics committee meetings and ethics case consultation as the schedule permits. This elective requires pre-approval by the course director. Students are encouraged to contact the course director 2 months prior to the anticipated start date."

Grading: SOM Graded

Repeatable for additional credit: Yes

SURG-ML 4157 Ambulatory Otolaryngology (4 Credits)*Typically offered occasionally*

Otolaryngology and head and neck surgery aimed for future internal medicine physicians, general surgeons and pediatricians. This course provides integrative knowledge in head and neck, sinus, larynx and ear anatomy and physiology useful for clinical practice in general medicine. The objective is for students to learn basic anatomy and physiology, a proper otolaryngology examination, and how to recognize and manage common otolaryngologic diseases such as sinusitis, hearing loss, vertigo, oral lesions, head and neck cancers, salivary gland disease, thyroid disease. The student will spend time in an office-based head & neck practice, and with a general otolaryngologist in a local practice. Depending on interests and availability, time may be spent with an NYU Langone Hospital- Long Island pediatric otolaryngologist. In addition to office-based otolaryngology, students will participate in hospital-based patient care and surgeries. Finally, an experienced speech language pathologist working in the practice will introduce the student to speech and swallowing physiology, evaluation and treatment of voice and swallowing problems that are frequently encountered by general practitioners. In addition to clinical teaching, the elective includes didactic and self-learning modules on anatomy, physiology, and semiology of otolaryngology diseases to integrate theoretical knowledge with patient care. Near the completion of the elective each student will do one presentation on a given topic.

Grading: SOM Graded**Repeatable for additional credit:** No**SURG-ML 4159 Bariatric Foregut (4 Credits)***Typically offered Fall and Spring*

The Elective course to the MIS/Bariatric Team provides students with exposure to general surgery with a specific focus on the care of patients who suffer with obesity or who have diseases amenable to treatment with minimally invasive abdominal operations. Educational objectives are achieved through integration of outpatient/ambulatory care, emergency care for patients with early and/or late complications of surgery, operative treatment and pre- and post-operative hospital management and subsequent follow-up outpatient care. Minimally Invasive operative techniques taught include those performed to treat patients who have: (but not limited to): 1) Hernias 2) Diseases of the lower esophagus and stomach 3) Diseases of the alimentary tract primarily foregut

Grading: SOM Graded**Repeatable for additional credit:** No**SURG-ML 4165 Surgical Oncology (4 Credits)***Typically offered Fall and Spring*

The Surgical Oncology elective will refine the senior student's knowledge, skills, and competency in the management of surgical oncology patients. Areas of focus will include initial cancer patient evaluation, oncology diagnostic work-up and staging, assessment of surgical and non-surgical management options, and development of treatment plans, including sequencing of various components of treatment. Students will have an opportunity to develop these skills in outpatient clinics, through inpatient consultations, inpatient management, and multidisciplinary conferences and tumor board presentations. We intend that this elective will build on the objectives of the general surgical rotations and electives (i.e., improving pre-operative, intra-operative, and post-operative management of surgery patients); however, the specific objectives of this rotation reflect unique principles applicable to the care of cancer patients. These include an appreciation of disease biology and response to treatment; incorporating into treatment planning medical oncology, radiation oncology, diagnostic and interventional radiology, and endoscopy; and considering the contributions of nutrition support, physical therapy, palliative care, and survivorship. It is our expectation that throughout the rotation the student act as a junior member of the team, and at the end of the rotation demonstrate capabilities in history taking, documentation, critical thinking, clinical evaluation, communication, professionalism, and surgical skill equivalent to those of an intern.

Grading: SOM Graded**Repeatable for additional credit:** No**SURG-ML 4166 Vascular Surgery (2 Credits)***Typically offered Fall and Spring*

"Students will make daily morning rounds with the surgical residents, PA and attending staff. They will then accompany attendings either to the operating room or to office hours. They will observe and possibly participate in operating room procedures, follow patients on the surgical floors and interview and examine patients in the vascular surgery clinic. They will also participate in the weekly vascular surgery Friday conferences, work on case reports for possible publication and have the opportunity to participate in ongoing research projects."

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