

# SURGERY (SURG-ML)

## **SURG-ML 2007 Surgery Clerkship (6 Credits)**

*Typically offered Fall and Spring*

"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)**

*Typically offered Fall and Spring*

"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)**

*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. 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)**

*Typically offered Fall and Spring*

"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:** No

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

*Typically offered Fall and Spring*

"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:** No

## **SURG-ML 4029 Vascular Surgery (4 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

## **SURG-ML 4055 Ophthalmology, Ambulatory (2 Credits)**

*Typically offered Fall and Spring*

"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:** No

## **SURG-ML 4056 Otolaryngology (ENT), Ambulatory (2 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 4100 Breast Surgery (2 Credits)**

*Typically offered occasionally*

"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:** No

**SURG-ML 4157 Otolaryngology (ENT), Ambulatory (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 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