

Surgery (SURG)

Course information contained within the Bulletin is accurate at the time of publication in August 2023 but is subject to change. For the most up-to-date course information, please refer to the Course Catalog.

SURG M122. Common Surgical Problems. 0 Credit Hours.

Course Attributes: M5

Repeatability: This course may not be repeated for additional credits.

SURG M123. Laparoscopic Surgery. 0 Credit Hours.

Course Attributes: M5

Repeatability: This course may not be repeated for additional credits.

SURG M125. Intro to Clin Gen Surg. 0 Credit Hours.

Course Attributes: M5

Repeatability: This course may not be repeated for additional credits.

SURG M151. Intro Trauma Surgery. 0 Credit Hours.

Course Attributes: M5

Repeatability: This course may not be repeated for additional credits.

SURG M153. Introduction to Vascular and Endovascular Surgery. 0 Credit Hours.

The course will include an introduction to the basic tenants of vascular and endovascular surgery. Principles discussed will include, but not be limited to: arterial and venous disease; the most common arterial and venous maladies encountered in vascular surgery; introduction to open vascular surgery with discussion of vessel control and bypass/replacement methods, and indications for this procedure; basic introduction to endovascular surgery and its principles; dialysis access; venous disease; the vascular history and physical exam.

Repeatability: This course may be repeated for additional credit.

SURG M166. Intro Cardiac Surgery. 0 Credit Hours.

Course Attributes: M5

Repeatability: This course may not be repeated for additional credits.

SURG M201. Introduction to Oral/Maxillofacial. 0 Credit Hours.

This course is an introduction to the principles of Advanced Oral and Maxillofacial Surgery. It is intended to facilitate the continuation of basic biomedical sciences and clinical skills into subspecialty level clinical patient care. All presentations are designed to utilize the available and most recent clinical and scientific evidence.

Repeatability: This course may be repeated for additional credit.

SURG M203. Introductory Elective. 0 Credit Hours.

This generic first and second year Surgery elective serves as an introduction to a special topic in the Department of Surgery. Topics vary from semester to semester and may include an extension of a content area already covered in the required curriculum, an introduction to a new topic or research issue, or exposure to a clinical discipline. First and second year electives are optional and do not impact graduation requirements. Electives are schedule for seven two-hour sessions each, for a total of fourteen contact hours. Student interest and faculty availability determine topics offered each semester.

SURG M281. Intro to Plastic Surgery. 0 Credit Hours.

Course Attributes: M5

Repeatability: This course may not be repeated for additional credits.

SURG M300. Surgery Elective. 0 Credit Hours.

This course will enable students to develop a basic understanding of the fund of knowledge and types of medical problems seen in this specialty; to develop a basic understanding of the medical decision making process involved in the practice; and to develop an understanding of and practice of medical interpersonal communication and professionalism.

Repeatability: This course may be repeated for additional credit.

SURG M350. Surgery. 0 Credit Hours.

Course Attributes: M6

Repeatability: This course may not be repeated for additional credits.

SURG M351. Career Exploration of Thoracic Surgery. 0 Credit Hours.

This elective will allow students to gain exposure to the specialty and the types of health conditions experienced by patients seen by providers in this specialty as healthcare team members.

Repeatability: This course may be repeated for additional credit.

SURG M353. Career Exploration of Trauma Surgery. 0 Credit Hours.

This elective will allow students to gain exposure to the specialty and the types of health conditions experienced by patients seen by providers in this specialty as healthcare team members.

Repeatability: This course may be repeated for additional credit.

SURG M363. Career Exploration of Vascular Surgery. 0 Credit Hours.

This elective will allow students to gain exposure to the specialty and the types of health conditions experienced by patients seen by providers in this specialty as healthcare team members.

Repeatability: This course may be repeated for additional credit.

SURG M365. Career Exploration of Surgical Oncology. 0 Credit Hours.

This elective will allow students to gain exposure to the specialty and the types of health conditions experienced by patients seen by providers in this specialty as healthcare team members.

Repeatability: This course may be repeated for additional credit.

SURG M382. Career Exploration of General Plastic Surgery. 0 Credit Hours.

This elective will allow students to gain exposure to the specialty and the types of health conditions experienced by patients seen by providers in this specialty as healthcare team members.

Repeatability: This course may be repeated for additional credit.

SURG M399. Career Exploration of Colon Rectal Surgery. 0 Credit Hours.

This elective will allow students to gain exposure to the specialty and the types of health conditions experienced by patients seen by providers in this specialty as healthcare team members.

Repeatability: This course may be repeated for additional credit.

SURG M400. Advanced Oral/Maxillofacial. 0 Credit Hours.

This is an advanced course in Oral and Maxillofacial Surgery. It is intended to expand on the basic surgical knowledge and clinical skills needed for the advanced subspecialty of Oral and Maxillofacial Surgery. It helps the learner to enhance their knowledge base and develop clinical decision making, critical thinking, and clinical skills needed for a contemporary Oral and Maxillofacial Surgeon.

Repeatability: This course may be repeated for additional credit.

SURG M500. Oral and Maxillofacial Surgery Clerkship I. 0 Credit Hours.

This is a clinical rotation in Oral and Maxillofacial Surgery. It is intended to expand on the basic surgical knowledge and clinical skills towards advanced subspecialty of Oral and Maxillofacial Surgery training. It helps the learner to enhance their knowledge base and develop clinical decision making, critical thinking, and clinical skills needed for a contemporary Oral and Maxillofacial Surgeon.

Repeatability: This course may be repeated for additional credit.

SURG M501. Oral and Maxillofacial Surgery Clerkship II. 0 Credit Hours.

This is an advanced clinical rotation in Oral and Maxillofacial Surgery. It is intended to give students an additional experience in Oral and Maxillofacial Surgery training. The students will continue to enhance their knowledge base and develop clinical decision making, critical thinking, and clinical skills needed for a contemporary Oral and Maxillofacial Surgeon.

Repeatability: This course may be repeated for additional credit.

SURG M503. Pediatric Oral/Maxillofacial Surgery. 0 Credit Hours.

This is an advanced clinical rotation in Pediatric Oral and Maxillofacial Surgery. It is intended to expand on the basic surgical knowledge and clinical skills towards advanced subspecialty of Oral and Maxillofacial Surgery training with exposure to the Pediatric setting. It helps the learner to enhance their knowledge base and develop clinical decision making, critical thinking, and clinical skills needed for a contemporary Oral and Maxillofacial Surgeon.

Repeatability: This course may be repeated for additional credit.

SURG M750. General Surgery. 0 Credit Hours.

This a 4th year elective rotation for students interested in an excellent community general surgery experience. Students will work closely with affiliated surgical faculty, as there are no residents present. The rotation will focus heavily on core general surgery, with additional exposure to both trauma care and colorectal surgery. Students will have the ability to work in both the inpatient and outpatient settings.

Repeatability: This course may be repeated for additional credit.

SURG M751. Surgery Night Coverage/Consultation. 0 Credit Hours.

This elective will provide an opportunity for 4th year students interested in surgical careers the opportunity to experience night time surgical patient care. Many surgical residencies have a night-float system to remain within work hour limits, and this course will prepare our students to comfortably operate in these systems. Focus will be on performing effective patient care hand-offs and transitions, learning to triage and manage phone calls while covering multiple surgical services, and providing general surgical consultative services as appropriate. Students will mostly operate at the sub-intern level caring for patients on the hospital floors. Students may participate in operative surgical procedures as able, and provide ED and floor consultative services when possible.

Repeatability: This course may be repeated for additional credit.

SURG M763. Vascular Surgery. 0 Credit Hours.

Course Attributes: M2

SURG M764. Surgical Nutrition. 0 Credit Hours.

Course Attributes: M2

Repeatability: This course may not be repeated for additional credits.

SURG M765. Surgical Oncology. 0 Credit Hours.

Course Attributes: M2

SURG M766. Reconstructive Plastic Surgery Oncology. 0 Credit Hours.

Student experience will focus on reconstructive surgeries after cancer. They will learn and participate in the full spectrum of reconstructive options, ranging from skin grafts to the most complex techniques using free tissue transfer. With the FCCC plastic surgeons, the student will work collaboratively with the medical team to restore normal structure and function after treatment for cancers such as breast, head and neck, and sarcomas. This course may offer the opportunity for students to learn about research related to reconstructive surgery.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of P in MEDS M447.

SURG M767. Head & Neck Surgery. 0 Credit Hours.

Course Attributes: M2

SURG M769. Surgical ICU (SICU) - Critical Care. 0 Credit Hours.

The required critical care course will introduce students to the management of critically ill patients. Students are expected to follow their patients' progress and contribute to their care with supervision. Students will observe and assist as possible in procedures being performed in the ICU. Students will obtain exposure to assisted ventilation, palliative and end-of life care.

Course Attributes: M2

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of P in INTM M301, OBGY M320, PEDI M330, PSYM M340, SURG M350, NEUR M370, and FAMP M360.

SURG M770. Cardiac Surgery. 0 Credit Hours.

Course Attributes: M2

SURG M771. Robotic Cardiac Surgery. 0 Credit Hours.

Students will work closely with Dr. Guy and the Cardiovascular Surgery team with integral involvement in all aspects of patient care. Students will be expected to contribute to pre-operative evaluation, operative procedures, and post-operative management. Special emphasis will be placed on selective criteria and management of patients for robotic procedures vs. conventional procedures. Dedicated time with robotic simulation equipment will allow the student to advance technical skills. A presentation on a topic of interest to the student will be expected upon completion of the course.

Repeatability: This course may be repeated for additional credit.

SURG M773. Transplant Surgery. 0 Credit Hours.

Course Attributes: M2

Repeatability: This course may not be repeated for additional credits.

SURG M775. Thoracic Surgery. 0 Credit Hours.

Course Attributes: M2

Repeatability: This course may be repeated for additional credit.

SURG M777. Trauma Surgery. 0 Credit Hours.

Course Attributes: M2

Repeatability: This course may not be repeated for additional credits.

SURG M780. General Plastic Surgery. 0 Credit Hours.

Course Attributes: M2

SURG M783. Cardiothoracic Surgery. 0 Credit Hours.

Course Attributes: M2

Repeatability: This course may not be repeated for additional credits.

SURG M789. Cardiothoracic ICU (CT-ICU) - Critical Care. 0 Credit Hours.

The required critical care course will introduce students to the management of critically ill patients. Students are expected to follow their patients' progress and contribute to their care with supervision. Students will observe and assist as possible in procedures being performed in the ICU. Students will obtain exposure to assisted ventilation, and palliative and end-of-life care.

Course Attributes: M2

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of P in INTM M301, OBGY M320, PEDI M330, PSYM M340, SURG M350, NEUR M370, and FAMP M360.

SURG M795. Burn ICU (BICU) - Critical Care. 0 Credit Hours.

The required critical care course will introduce students to the management of critically ill patients. Students are expected to follow their patients' progress and contribute to their care with supervision. Students will observe and assist as possible in procedures being performed in the ICU. Students will obtain exposure to assisted ventilation, palliative and end-of-life care.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of P in INTM M301, OBGY M320, PEDI M330, PSYM M340, SURG M350, NEUR M370, and FAMP M360.

SURG M799. Surgical Subspecialties. 0 Credit Hours.

Course Attributes: M2

SURG M870. Surgery Subinternship. 0 Credit Hours.

Course Attributes: M1

Repeatability: This course may be repeated for additional credit.

SURG M982. Minimally Invasive Surgery. 0 Credit Hours.

The student will be exposed to all aspects of the multidisciplinary care of bariatric patients. This will include preoperative evaluation, operative management, surgical options, inpatient postoperative care, and outpatient follow-up. In addition to bariatric surgery the student will be exposed to all aspects of minimally invasive surgery.

Course Attributes: M2

Repeatability: This course may not be repeated for additional credits.