

SURGERY (SURG)

SURG 5005 - Introduction to Surgery (1-2 Credits)

Intro to general surgery & a variety of surgical specialties with an emphasis on foundational skills & knowledge development.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring.

SURG 5006 - Introduction to Surgery - Fort Collins Branch Campus (1-2 Credits)

Introduction to general surgery and a variety of surgical specialties with an emphasis on foundational skills and knowledge development. Weekly lectures given by Department of Surgery faculty from Poudre Valley Hospital and Medical Center of the Rockies in specialties such as ENT surgery, trauma surgery, surgical oncology, plastic and reconstructive surgery, urology, and orthopedics. An additional skills session will be provided to introduce students to surgical instrumentation and basic surgical skills.

Grading Basis: Pass Fail with IP

Typically Offered: Spring.

SURG 5094 - Department of Surgery Summer Research Program (2-12 Credits)

Department of Surgery Mentored Summer Research Program. You will be paired with a faculty mentor for a specific scholarly research project, guided through the completion of the project, and culminate in a research symposium.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

SURG 5660 - Career Elective In UROL (1-2 Credits)

Students will be exposed to the diverse spectrum of urologic practice through shadowing residents and attending's in clinic and observation in the OR. Students will spent 12.5 hours of observation in Urology with a faculty member split between the clinic and operating room. Students may be assigned to faculty at the University of Colorado Hospital or Denver Health. Students will be responsible for scheduling their observations times with the attending physician. Requirement: Must contact Course Director or Coordinator within the first two weeks of the course to arrange schedule after adding this elective.

Grading Basis: Pass Fail with IP

Repeatable. Max Credits: 2.

Typically Offered: Summer.

SURG 8000 - Gen Surg Univ AI (8-24 Credits)

4-12 wks. Max:4. This course can meet Sub-I qualifications. Students perform intern responsibilities on General Surgical Service at University of Colorado Hospital. Students alternate night call, write orders on assigned patients and participate in preoperative, operative and postoperative care of inpatients.

Grading Basis: Medical School HP

Repeatable. Max Credits: 24.

SURG 8001 - Gen Surg DHMC AI (8-12 Credits)

4 or 6 wks. Max:3. This course can meet Sub-I qualifications. Join an Acute Care Surgery Team at a Level 1 Trauma Center. Course emphasizes pre-operative evaluation, operating room decisions and postoperative care outside the ICU. Student will attend clinics, rounds, conferences and surgical procedures.

Grading Basis: Medical School HP

Repeatable. Max Credits: 12.

Typically Offered: Fall, Spring, Summer.

SURG 8002 - Gen Surg St Joseph's AI (8 Credits)

Held at Exempla St. Joseph Hospital with emergency & elective surgery. Emphasize pre- and postoperative care. Graduated operating room experience and exposure to skills lab. Active participation in surgery clinic. Housestaff team assignments with assigned faculty mentors. Active daily conferences, including Grand Rounds and M&M.

Grading Basis: Medical School HP

Typically Offered: Fall, Spring, Summer.

SURG 8004 - Multidisciplinary Breast Care (4-8 Credits)

Participating students will rotate with specialists in breast imaging, breast surgery, medical and radiation oncology, plastic surgery, and pathology to gain a 360-degree perspective on the evaluation and management of breast cancer. Students will attend the multidisciplinary breast cancer conferences to develop an understanding of how specialists work as a team to develop the optimal treatment plan.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

SURG 8008 - Advanced Cardiothoracic Surg (8 Credits)

4 wks. Max:2. This course can meet Sub-I qualifications. Adult cardiac and general thoracic surgery and critical care monitoring on the Cardiothoracic Service at UH and Denver VAMC. Students will participate in preoperative, operative and postoperative care.

Grading Basis: Medical School HP

Typically Offered: Fall, Spring, Summer.

SURG 8010 - Burn Critical Care/Surg (4-8 Credits)

4 or 6 wks. Max:1. This course can meet Sub-I qualifications. Acting sun-intern on Burn Service, working with Burn and related Surgical Critical Care cases. A high level of patient care responsibility, including bedside procedures, burn care and line charges. Work with attending faculty, and gain a multidisciplinary approach to burns.

Grading Basis: Medical School HP

Repeatable. Max Credits: 12.

SURG 8011 - Hand Surgery (8 Credits)

Max:1. The students will participate in all aspects of the hand service including the emergency room, outpatient clinics, inpatient/outpatient operative and non-operative treatment. Emphasis is on acute hand and upper extremity diseases, trauma, their treatment and rehabilitation.

Grading Basis: Medical School HP

SURG 8012 - Urology Acting Internship (8-16 Credits)

4 wks. Max:4. This course can meet Sub-I qualifications. All students are required to rotate at hospitals, participate and perform physical exams, follow-up, clinic and surgeries. All Urology Conferences are mandatory. The Chief Resident, under supervision of the Attending, guides educational experiences.

Grading Basis: Medical School HP

Repeatable. Max Credits: 16.

Typically Offered: Fall, Spring, Summer.

SURG 8015 - Pediatric Surgery (4-12 Credits)

2,4, or 6 wks. Max:1. Student will assume major clinical responsibility for pediatric surgical patients, will work with housestaff, share patient care and work-ups, act as liaison to families, attend operations and teaching conferences, and actively participate in the surgical management of infants and children.

Grading Basis: Medical School HP

Repeatable. Max Credits: 12.

SURG 8019 - Plastic Surgery (8 Credits)

Max:1. Students learn basic principles of wound healing, care, and management; management and reconstruction of maxillofacial trauma; head and neck cancer; congenital anomalies; tissue transplantation; cosmetic surgery; and plastic/reconstructive management of post-burn and post-surgical patients. Prereq: IDPT 7050.

Grading Basis: Medical School HP

Typically Offered: Fall, Spring, Summer.

SURG 8021 - Surgical Critical Care AI (8-12 Credits)

4 wks. Max:2. Assigned to surgical ICU, work with critical care residents, fellow and staff. Students gain experience in resuscitation, hemodynamic monitoring, mechanical ventilation, nutritional support, bedside ultrasound and all aspects in care of critically ill surgical patients.

Grading Basis: Medical School HP

Repeatable. Max Credits: 12.

SURG 8022 - Visiting Virtual Urology Rotation (4 Credits)

Virtual introduction to Urology, the field of diseases of the male and female urinary tract and the male reproductive system.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

SURG 8030 - Transplant Surgery (8 Credits)

2-4 wks. Max:3. Medical student will round with transplant team, which includes: Surgeons, Nephrologists, and Hepatologists. They will be exposed to all aspects of transplant care including preoperative work up, donor surgery, transplant surgery, post-operative care.

Grading Basis: Medical School HP

Repeatable. Max Credits: 8.

Typically Offered: Fall, Spring, Summer.

SURG 8032 - Vascular Surgery AI (8 Credits)

Students perform intern level responsibilities on the Vascular Surgery Service at UCH and Outpatient Based Lab. Students participate in pre, operative, and post-operative care for patients by scrubbing in on aortic reconstructions, carotid endarterectomies, lower extremity bypass, amputations, dialysis access, and peripheral endovascular cases.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

SURG 8050 - Trauma Surgery - CSB (4-8 Credits)

Patient care in emergency surgery/acute care surgery and trauma. Student will participate with inpatient, outpatient and clinic patients. Student will see pre-op, post-op, and emergency patients. Only open June and July. Enrollment limit June and July: 3. Enrollment limit if offered August-May: 1.

Grading Basis: Medical School HP

SURG 8051 - Plastic Surgery - CSB (4 Credits)

Patient care in both emergency, plastic surgery such as acute major lacerations, cartilage repair, bone repair of face, skin grafting, flap repairs with soft tissue loss. Patient care in elective plastic surgery including all cosmetic surgery. Instructor consent required.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

SURG 8052 - Surgical Critical Care - CSB (4-12 Credits)

The surgical care clerkship involves the student in the management of medical technology and coordination with a multidisciplinary staff in evidence-based, goal-oriented, humanistic treatment of critical illness. Instructor consent required.

Grading Basis: Medical School HP

Typically Offered: Fall, Spring, Summer.

SURG 8100 - Surg Elective Away (4-8 Credits)

This Surgery elective will be held at a site in Colorado, another state, or internationally. Students must obtain departmental approval one month prior to the start. Additionally, international sites must be preapproved by Student Affairs. Offered 4 weeks.

Grading Basis: Pass Fail with IP

Repeatable. Max Credits: 16.

Typically Offered: Fall, Spring, Summer.

SURG 8600 - Research in Surgery (4-24 Credits)

2-12 wks. Contact department for further course information. Prereq: The student must receive prior approval from the Associate Dean for Student Affairs and course director to add course.

Grading Basis: Pass Fail with IP

Repeatable. Max Credits: 24.

SURG 8630 - SURG Research Away (4-24 Credits)

This Surgery research elective will be held at a site in Colorado, another state, or internationally. Students must obtain departmental approval one month prior to the start. Additionally, international sites must be preapproved by Student Affairs. Offered 2, 4, 8 or 12 weeks.

Grading Basis: Pass Fail with IP

Repeatable. Max Credits: 24.

Typically Offered: Fall, Spring, Summer.