

## SURGERY

## SUR

**Department of Surgery  
College of Human Medicine**
**608 Junior Surgery Clerkship**

Spring, Summer. 6 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. RB: FMP 602 R: Open only to graduate-professional students in the College of Human Medicine  
The surgical patient, surgical diagnosis, pre-operative evaluation and post-operative care.

**609 Otolaryngology Clerkship**

Fall, Spring, Summer. 6 credits. A student may earn a maximum of 18 credits in all enrollments for this course. RB: SUR 608 R: Open only to graduate-professional students in College of Human Medicine.  
Common otolaryngologic disorders, emergencies. Diagnosis and treatment. Primary physician's judgments about management.

**610 Plastic Surgery Clerkship**

Fall, Spring, Summer. 6 credits. A student may earn a maximum of 18 credits in all enrollments for this course. RB: SUR 608 R: Open only to graduate-professional students in College of Human Medicine.  
Principles of wound healing and tissue repair. Indications and applications of plastic surgery procedures.

**611 Urology Clerkship**

Fall, Spring, Summer. 6 credits. A student may earn a maximum of 18 credits in all enrollments for this course. RB: SUR 608 R: Open only to graduate-professional students in College of Human Medicine.  
Demonstration of clinical manifestations of genitourinary disease, investigative methods and techniques of diagnosis and management. Urologic emergencies and performance of basic urologic skills.

**612 General Surgery Sub-Internship**

Fall, Spring, Summer. 6 credits. A student may earn a maximum of 12 credits in all enrollments for this course. P:M: SUR 608 R: Open to graduate-professional students in the College of Human Medicine.  
Exposure to wide range of surgical problems as an integral part of the surgical team.

**613 Orthopedic Surgery Clerkship**

Fall, Spring, Summer. 6 credits. A student may earn a maximum of 18 credits in all enrollments for this course. RB: SUR 614 R: Open only to graduate-professional students in College of Human Medicine.  
Diagnosis and management skills in common orthopedic problems. Orthopedic emergencies.

**614 Neurosurgery Clerkship**

Fall, Spring, Summer. 6 credits. A student may earn a maximum of 18 credits in all enrollments for this course. RB: SUR 608. R: Open only to graduate-professional students in College of Human Medicine.  
Problems related to common emergent and elective neurosurgery involving the brain, spine, and peripheral nerves. Neurological examinations, diagnostic methods.

**615 Ophthalmology Clerkship**

Fall, Spring, Summer. 6 credits. A student may earn a maximum of 18 credits in all enrollments for this course. RB: SUR 608 R: Open only to graduate-professional students in College of Human Medicine.  
Medical and surgical treatment of eye diseases. Clinical experiences include private office practice, surgical observations, pre-and post-operative care.

**616 Thoracic Surgery Clerkship**

Fall, Spring, Summer. 6 credits. A student may earn a maximum of 18 credits in all enrollments for this course. RB: SUR 608 R: Open only to graduate-professional students in College of Human Medicine.  
Problem solving in thoracic medicine and surgery. Pulmonary physiology. Diagnostic tools and tests, and indications for surgical procedures.

**617 Trauma-Critical Care**

Fall, Spring, Summer. 6 credits. A student may earn a maximum of 12 credits in all enrollments for this course. P:M: SUR 608 R: Open to graduate-professional students in the College of Human Medicine.  
Focused experience in trauma and critical care as part of a surgical team at a Level One Trauma Center.

**618 Anesthesia Clerkship**

Fall, Spring, Summer. 6 credits. A student may earn a maximum of 18 credits in all enrollments for this course. RB: SUR 608 R: Open only to graduate-professional students in College of Human Medicine.  
Common anesthetic agents. Performing anesthetic procedures under faculty supervision.

**619 Sub-specialty Surgery Clerkship**

Fall, Spring, Summer. 6 credits. A student may earn a maximum of 18 credits in all enrollments for this course. RB: SUR 608 R: Open only to graduate-professional students in College of Human Medicine.  
Surgical domains not covered otherwise or in which students desire further exposure.

**620 Senior Surgery Clerkship**

Fall, Spring, Summer. 6 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. RB: SUR 608 and MED 608 R: Open only to graduate-professional students in the College of Human Medicine.  
Understanding of the principles of various surgical specialties, critically ill patients, or enhanced exposure to ambulatory general surgery.

**633 Extended Clinical Experience**

Fall, Spring, Summer. 6(6-0) P:M: SUR 608  
Based in community hospitals and ambulatory sites, this is a 4 week clinical experience emphasizing interviewing skills, history, physical exam, problem solving and therapy.

**637 Core Competencies III**

Fall, Spring, Summer. 2(2-0) A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with Family Practice and Human Medicine and Medicine and Obstetrics, Gynecology and Reproductive Biology and Pediatrics and Human Development. Administered by Human Medicine. R: Open only to graduate-professional students in College of Human Medicine.  
Core knowledge and skills from an interdisciplinary perspective.

**899 Master's Thesis Research**

Fall, Spring, Summer. 3 to 4 credits. A student may earn a maximum of 10 credits in all enrollments for this course. RB: SUR 801 and SUR 802 and SUR 803 and SUR 804 R: Open only to master's students in the Surgery major. Approval of department.  
Master's thesis research.  
professor.