

SURGERY

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

Fall, Spring, Summer. 6 to 12 credits. A student may earn a maximum of 36 credits in all enrollments for this course. R: Open to graduate-professional students in the College of Human Medicine.

Basic clinical and surgical skills applied to commonly presenting problems. Preoperative, operative and post-operative care of patients with elective, emergent and trauma related illness. Psychosocial issues relevant to surgical patients. Operating room procedures.

609 Otolaryngology Clerkship

Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: SUR 608 or SUR 641 R: Open to graduate-professional students in the College of Human Medicine.

Common otolaryngologic disorders, emergencies. Diagnosis and treatment. Primary physician's judgments about management.

610 Plastic Surgery Clerkship

Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: SUR 608 or SUR 641 R: Open to graduate-professional students in the College of Human Medicine.

Principles of wound healing and tissue repair. Indications and applications of plastic surgery procedures.

611 Urology Clerkship

Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: SUR 608 or SUR 641 R: Open to graduate-professional students in the 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 24 credits in all enrollments for this course. P: (SUR 608) or (SUR 641 and SUR 642) 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. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: SUR 608 or SUR 641 R: Open to graduate-professional students in the College of Human Medicine.

Diagnosis and management skills in common orthopedic problems. Orthopedic emergencies.

614 Neurosurgery Clerkship

Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: SUR 608 or SUR 641 R: Open to graduate-professional students in the 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. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: SUR 608 or SUR 641 R: Open to graduate-professional students in the 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 Cardiothoracic Surgery Clerkship

Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: SUR 608 or SUR 641 R: Open to graduate-professional students in the College of Human Medicine.

Problem solving in cardio thoracic medicine and surgery. Diagnostic tools and tests, and indications for surgical procedures.

617 Critical Care Clerkship

Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: SUR 608 or SUR 641 R: Open to graduate-professional students in the College of Human Medicine.

Focused experience in critical care as part of a surgical team.

618 Anesthesia Clerkship

Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: SUR 608 or SUR 641 R: Open to graduate-professional students in the College of Human Medicine.

Common anesthetic agents and procedures. Operative and post-operative effects, complications, patient risk, cost. Performing anesthetic procedures under faculty supervision.

619 Sub-specialty Surgery Clerkship

Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: SUR 608 or SUR 641 R: Open to graduate-professional students in the College of Human Medicine.

Surgical domains not covered in other clerkship experiences 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.

622 Pediatric Orthopedic Surgery Clerkship

Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: SUR 608 or SUR 641 R: Open to graduate-professional students in the College of Human Medicine.

Evaluation and management strategies for common pediatric orthopedic maladies.

623 Sports Medicine Orthopedic Surgery Clerkship

Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: SUR 608 or SUR 641 R: Open to graduate-professional students in the College of Human Medicine.

Evaluation and management strategies for common sports medicine maladies presenting to the orthopedic surgeon.

624 Vascular Surgery Clerkship

Fall, Spring of even years, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: SUR 608 or SUR 641 R: Open to graduate-professional students in the College of Human Medicine.

Evaluation, management and knowledge of vascular surgical conditions.

625 Hand Surgery Clerkship

Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: SUR 608 or SUR 641 R: Open to graduate-professional students in the College of Human Medicine.

Evaluation, management and knowledge of hand surgery conditions.

626 Pediatric Surgery Clerkship

Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: SUR 608 or SUR 641 R: Open to graduate-professional students in the College of Human Medicine.

Evaluation, management and knowledge of general pediatric surgical conditions.

627 Burns Clerkship

Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: SUR 608 or SUR 641 R: Open to graduate-professional students in the College of Human Medicine.

Evaluation, management and knowledge of burns in trauma patients.

628 Trauma Surgery Clerkship

Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: SUR 608 or SUR 641 R: Open to graduate-professional students in the College of Human Medicine.

Evaluation, management and knowledge in trauma patients.

SUR—Surgery

- 629 Colorectal Surgery Clerkship**
Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: SUR 608 or SUR 641 R: Open to graduate-professional students in the College of Human Medicine.
Evaluation, management and knowledge of colorectal surgical conditions.
- 630 Surgical Wound Care Clerkship**
Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: SUR 608 or SUR 641 R: Open to graduate-professional students in the College of Human Medicine.
Evaluation, management and knowledge of wound care in surgical patients.
- 631 Surgical Oncology Clerkship**
Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: SUR 608 or SUR 641 R: Open to graduate-professional students in the College of Human Medicine.
Evaluation, management and knowledge of surgical oncology conditions.
- 632 Surgical Nutrition Clerkship**
Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: SUR 608 or SUR 641 R: Open to graduate-professional students in the College of Human Medicine.
Evaluation, management and knowledge of nutrition in critically-ill surgical patients.
- 633 Extended Clinical Experience**
Fall, Spring, Summer. 6(6-0) P: 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.
- 641 Surgery in the Late Clinical Experience I**
Fall, Spring, Summer. 6 credits. P: HM 556 R: Open to graduate-professional students in the College of Human Medicine.
Diagnosis and management of common patient problems in the general surgical setting
- 642 Surgery in the Late Clinical Experience II**
Fall, Spring, Summer. 6 credits. P: HM 556 and SUR 641 R: Open to graduate-professional students in the College of Human Medicine.
Diagnosis and management of common patient problems in surgical subspecialties
- 643 Surgical Critical Care**
Fall, Spring, Summer. 6 credits. P: SUR 641 and SUR 642 R: Open to graduate-professional students in the College of Human Medicine.
Hospital-based clinical experience in evaluating and managing acutely ill surgical patients.
- 644 Surgery in the Late Clinical Experience Remediation**
Fall, Spring, Summer. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. P: SUR 641 or SUR 642 R: Open to graduate-professional students in the College of Human Medicine.
Interviewing skills, history, physical exam, problem solving and therapy based in community hospitals and/or ambulatory sites.
- 645 Surgical Critical Care Remediation**
Fall, Spring, Summer. 3(3-0) P: HM 556 R: Open to graduate-professional students in the College of Human Medicine.
Hospital-based clinical experience in evaluating and managing acutely ill surgical patients.
- 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.