The laboratories also are used for supervised teaching exercises in surgical technique for medical students and junior residents, and for refinement of technique for senior residents and faculty members.

### Courses

#### Surgery Courses

**SURG:8301 Clinical Surgery** 6 s.h.
Experience as active member of surgical team; work on inpatient units, in clinics and operating room; assist in elective and emergency patient care.

**SURG:8401 Advanced General Surgery** 4 s.h.
Opportunity to strengthen clinical skills through experiences in the operating rooms, clinics, wards, and intensive care units of University of Iowa Hospitals & Clinics.

**SURG:8402 Advanced Inpatient Subinternship in General Surgery** 4 s.h.
Responsibility for management of selected surgical inpatients, on a surgical service. Prerequisites: SURG:8301.

**SURG:8406 General Surgery, Des Moines, IA** 4 s.h.
Care of general surgery patients in private hospital setting. Prerequisites: SURG:8301.

**SURG:8407 Intensive Care Unit - Trauma, Iowa Methodist** 4 s.h.
Subinternship on trauma service team; evaluation and management of critically ill patients in the emergency room, operating room, intensive care unit. Prerequisites: SURG:8301. Requirements: fourth-year M.D. enrollment.

**SURG:8409 General Surgery, Davenport, IA** 4 s.h.
Participation in diagnosis and management of general surgical patients under supervision of attending surgeons from Davenport Surgical Group, Genesis Medical Center. Prerequisites: SURG:8301. Requirements: fourth-year M.D. enrollment.

**SURG:8411 Multidisciplinary Breast Elective** 2,4 s.h.
Evaluation and management of benign and malignant breast diseases; focus on multidisciplinary nature of treatment of breast disease; for students who plan to pursue residency in general surgery, obstetrics and gynecology, family practice, or other field with focus on women's health. Requirements: M.D. enrollment.

**SURG:8419 Advanced Inpatient Subinternship in Plastic Surgery** 4 s.h.
Exposure to a wide range of educational opportunities and to the complexity and diversity of health care in the plastic surgery setting related to policies, environment, cultural, socioeconomic, and financial considerations; provides experience in all areas of plastic surgery; for students with an interest in plastic and reconstructive surgery. Requirements: M.D. enrollment.

**SURG:8460 Surgical Residency Preparation** 4 s.h.
Preparation for surgical residency; focus on application of knowledge and skills accumulated through medical school to surgical patient care; development of an advanced understanding of preoperative, intraoperative, and postoperative care of patients, critical care knowledge, communication skills, and technical skills necessary for surgical specialties. Requirements: M.D. enrollment.

**SURG:8497 Research in Surgery** arr.
Medical research, clinical or laboratory projects; individual study.
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<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>SURG:8498</td>
<td>Surgery On Campus</td>
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<td>Surgery on campus; individually arranged. Prerequisites: SURG:8301.</td>
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<tr>
<td>SURG:8499</td>
<td>Surgery Off Campus</td>
<td>arr.</td>
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<td>Prerequisites: SURG:8301.</td>
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