

SURGERY (SURG)

Courses

SURG 200. Emergency Medicine Research I. 4 Credits.

Lecture course with 4 hour lab. Introduction to research in Emergency Medicine with clinical exposure including shadowing EMTs, RNs, and MDs. Students will learn about research ethics, informed consent, and clinical epistemology. Prerequisites: Minimum Sophomore standing and Instructor permission; First-Year students who have prior clinical experience (e.g. EMTs) or are non-traditional students are considered on a case-by-case basis.

SURG 201. Emergency Medicine Research II. 4 Credits.

Advanced discussion and research training in emergency medicine with continued emergency department-based human subjects laboratory. Includes eight hours of clinical time per week helping recruit patients for ongoing research projects as well as a one hour seminar per week. Prerequisites: SURG 200 with minimum grade B; Instructor permission.

SURG 220. Emerg. Medicine Research III. 3 Credits.

Emergency medicine research under guidance of a faculty member, including facilitating study enrollment and implementation of research project proposed during SURG 201. Prerequisites: SURG 200, SURG 201; Instructor permission.

SURG 302. Introduction to Flow Cytometry. 2 Credits.

Provides basic knowledge in the theoretical and practical aspects of flow cytometry technology; combination of lecture and training in the practical use of instrumentation and analysis software.

SURG 392. Independent Study. 1-18 Credits.

A course which is tailored to fit the interests of a specific student, which occurs outside the traditional classroom/laboratory setting under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

SURG 396. Advanced Special Topics. 1-18 Credits.

See Schedule of Courses for specific titles.