

SURGERY

Chair: Thomas M. Krummel

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Courses given in Surgery have the subject code SURG. For a complete list of subject codes, see Appendix.

COURSES

The following courses are open to undergraduates. For graduate and Medical School course offerings, see <http://med.stanford.edu/>.

SURG 68Q. Current Concepts in Transplantation—Stanford Introductory Seminar. Preference to sophomores. Can tissues and organs be grown in a laboratory for transplantation to humans? Biological aspects of cell and organ transplantation, including issues that arise in the media. Diseases for which transplantation is a treatment, the state of the art in human transplantation, transplantation of animal tissue into humans (xenotransplantation), development of new tissue and organs in the laboratory (tissue engineering and cloning), and development of drugs and biological strategies to promote long-term survival of the tissue or organ (tolerance). WRITE-2

3 units, Spr (Martinez, O; Krams, S)

SURG 69Q. It's All in the Head: Understanding Diversity, Development, and Deformities of the Face—Stanford Introductory Seminar. Preference to sophomores. How the face conveys moods and emotions, and elicits reactions when disease or genetic disorders leave behind disfigurement. New work by evolutionary and molecular biologists concerning how variations in facial form are elicited; how tissues and molecules interact to form the face. How differences in facial anatomy affect an individual's self-perception and their acceptance in our beauty-conscious society.

3-4 units, Win (Helms, J)

SURG 101. Regional Study of Human Structure—Lectures in regional anatomy, dissection of the human body. The anatomy of the area through the dissection process.

5 units, Win (Staff)

SURG 199. Undergraduate Research—Students undertake investigations sponsored by individual faculty members. Prerequisite: consent of instructor.

1-18 units, Aut, Win, Spr, Sum (Staff)