ANATOMY (ANAT)

ANAT 1 - Human Anatomy with Cadaver Lab (4 units)
Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 34 hours lecture; 102 hours lab
Explore the gross and microscopic structure of human organ systems via lecture, demonstrations, and dissections. Topics include integumentary, skeletal, muscular, respiratory, digestive, renal/excretory, reproductive, cardiovascular, endocrine, lymphatic, nervous, and sensory systems, from cellular to organ system levels of organization, with a focus on integration of the systems, homeostatic mechanisms, aging, and pathology. The process of peer-review and evidenced-based evaluation of claims related to anatomy, health, and pathology are incorporated. This course is designed to prepare students for success in nursing, kinesiology, nutrition, allied health, and health-related majors. Portions of instruction may be offered online; may also be offered fully online. [C-ID BIOL 110B]

Advisory: 1. Eligible for college-level English (ENGL 1A). Completion of or concurrent enrollment in ENGL 1A or ENGL 1AE 2. Eligible for college-level math 3. High school biology and chemistry, ANAT 5, Medical Terminology and/or non-majors general biology recommended but not required
Credit transferable: Transfers to CSU & UC
UC Transfer Limits: Any or all ANAT 1, ANAT 5, PHSO 1, PHSO 2 combined: maximum credit, 9 units
GE Credit: CSU B2 Life Science, B3 Laboratory Activity; IGETC 5B Biological Science, 5C Science Laboratory; MPC B Natural Sciences (must include lab)

ANAT 5 - Human Biology (4 units)
Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 51 hours lecture; 51 hours lab
This course explores the anatomy and physiology of human biology. It includes an overview of basic chemistry, biochemistry, cell biology, genetics, biotechnology, and pathology. Laboratory activities include study of human parts and models, measurements of physiological phenomena, and accompanying basic science demonstrations. The course is appropriate for majors in medical assisting, psychology, social service, art, and other paramedical and health occupations. It meets the Associate of the Arts general education requirements for a science course with lecture and lab. Portions of instruction may be offered online; may also be offered fully online.

Advisory: Completion of or concurrent enrollment in ENGL 1A
Credit transferable: Transfers to CSU & UC
UC Transfer Limits: Any or all ANAT 1, ANAT 5, PHSO 1, PHSO 2 combined: maximum credit, 9 units
GE Credit: CSU B2 Life Science, B3 Laboratory Activity; IGETC 5B Biological Science, 5C Science Laboratory; MPC B Natural Sciences (must include lab)

ANAT 70 - Anatomical Preparations (1 unit)
Pass/No Pass (P/NP) Only • Total hours: 51 hours lab
This course provides students with the opportunity to explore advanced dissection techniques, with a focus on human cadavers. Students are encouraged to prepare a range of anatomical specimens including isolated skeletal muscles, joint dissections, organ system isolations and/or detailed nervous system dissections. Portions of instruction may be offered online; may also be offered fully online.

Prerequisite(s): ANAT 1 with Cadaver Lab
Advisory: Completion of or concurrent enrollment in ENGL 1A or ENGL 1AE
Credit transferable: Transfers to CSU

ANAT 90 - Independent Study (0.5-4 units)
Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 25.5-204 hours lab
This course provides a framework for this academic discipline, which is designed to enrich the student's experience beyond current curriculum offerings. The program of study, research, reading, or activity is tailored to student needs and interests. When the student has identified an instructor to supervise his/her program of study, the agreement is recorded on a form available in the Admissions and Records Office. Portions of instruction may be offered online; may also be offered fully online.

Advisory: Completion of or concurrent enrollment in ENGL 1A or ENGL 1AE
Credit transferable: Transfers to CSU