

ANATOMY AND PHYSIOLOGY (ANAT)

ANAT 231 F General Human Anatomy 4 Units

Prerequisite(s): MATH 040 F with a grade of C or better or by assessment through the college's multiple measures placement processes.

54 hours lecture and 54 hours lab per term. This course includes a logical analysis of body tissues, organs, and systems. It stresses the microscopic, developmental, and gross anatomy of mammals, with special emphasis on human anatomy. Special attention is given to pathological as well as normal conditions. The laboratory work includes study of the developmental, microscopic, and gross anatomy of preserved specimens and models. This course is designed primarily for students interested in careers in various allied health fields. (Degree Credit) (CSU) (UC Credit Limitation) AA GE, CSU GE, IGETC (C-ID: BIOL 110B)

ANAT 240 F Human Physiology 5 Units

Prerequisite(s): CHEM 101 F and ANAT 231 F, both with a grade of C or better

54 hours lecture and 108 hours lab per term. This course provides an in-depth study of human function. The focus of the course is maintenance of homeostasis. Organ systems are studied with respect to their interactions under normal and abnormal conditions. Laboratory experiences reinforce concepts studied in lecture and introduce students to clinical techniques. The course is designed for pre-health profession majors and other students that require a one semester course in physiology. (Degree Credit) (CSU) (UC) AA GE, CSU GE, IGETC (C-ID: BIOL 120B)