ANATOMY

Anatomy is the branch of biology that studies the structure of organisms. It includes learning about the size, position, and connections of large scale structures such as muscle, bone, and nerve as well as the microscopic structures of tissues and cells. Anatomy courses may also study the structure of organisms as they develop to determine how a particular structure grows and changes over the lifespan of the organism. While many anatomy courses focus on human anatomy, comparative anatomy classes look at the structures of other organisms including other vertebrates, invertebrates, and even plants. Anatomy classes often require students to participate in the dissection of specific organs or representative animals such as cats or pigs. Anatomy is one of the oldest biological sciences and is an important part of understanding how organisms function.

Anatomy is required for the "Kinesiology (http://catalog.vcccd.edu/oxnard/programs-courses/kinesiology/)" and "Pre-Health Professions" (http://catalog.vcccd.edu/oxnard/programs-courses/pre-health-professions/) degrees and may serve as an elective for other degrees including "Biological Sciences" (http://catalog.vcccd.edu/oxnard/programs-courses/biological-sciences/).

ANAT R101 General Human Anatomy 4 Units
Formerly: ANAT 100
In-Class Hours: 35 lecture, 105 laboratory
Advisories/Rec Prep: BIOL R101; or BIOL R101H; and BIOL R101L; and eligibility for ENGL R101; and a course taught at the level of intermediate algebra or placement as determined by the college's multiple measures assessment process
C-ID: BIOL 110B
This course is organized into two parts: lecture and laboratory. The lecture portion is an introduction to gross anatomy as well as organization and histology of human organ systems. The laboratory portion reinforces the lecture material and consists of hands-on experiments and demonstrations used to illustrate the principles and concepts of anatomy. These include but are not limited to microscope use, model and specimen examination, dissection of the cat as well as other livestock organs and demonstration of the dissected human cadaver. This course meets the requirements of students anticipating transfer to university, medical school, dental school, holistic medicine, kinesiology programs and other health care certificated programs.
Catalog Notes: Students taking anatomy are strongly advised to have previously completed the general biology lecture and laboratory courses if they have not already done so; general biology provides foundational knowledge of the scientific method, organisms, cellular organization, and laboratory procedures and equipment that students are expected to be familiar with upon entry to the course.
Grade Modes: Letter Graded
Field Trips: May be required
Degree Applicability: Applies to Associate Degree
AA/AS GE: A1
Transfer Credit: CSU, UC
UC Credit Limitations: None
CSU GE-Breadth: B2, B3
IGETC: 5B, 5C

For more information contact:

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