

ANATOMY

Anatomy is the branch of biology that studies the structure of organisms from a functional perspective and understanding of how the human body is designed. Anatomy teaches, in the laboratory setting, how to distinguish tissue types through histological specimens and studies the three-dimensional relationship of body structures through use of models, slides and required non-human mammalian dissection. 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 is one of the oldest biological sciences, foundational in health-science related fields and is an important part of understanding how organisms function.

Anatomy is required for the "Dental Hygiene (<https://catalog.vcccd.edu/archive/2022-2023/oxnard/programs-courses/dental-hygiene/>)", "Kinesiology (<http://catalog.vcccd.edu/oxnard/programs-courses/kinesiology/>)", "Nutrition and Dietetics (<https://catalog.vcccd.edu/archive/2022-2023/oxnard/programs-courses/nutrition-dietetics/>)", "Public Health (<https://catalog.vcccd.edu/archive/2022-2023/oxnard/programs-courses/public-health-science/>)" 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 C1000; 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

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