



## PARAMEDIC PROGRAM PREREQUISITES

### Applicant Eligibility and Prerequisites

- Applicants are chosen based on their application, education and work experience. If accepted into the Academy, you are required to maintain your EMT certification for the entirety AHC Paramedic Academy program. For estimated program costs, click [here](#).
- A passing grade (C or greater) of AHC EMSP 300 (Anatomy and Physiology for Prehospital) or proof of equivalent course. You will need to meet with a counselor to approve the course equivalency. See below to find an approved equivalent course.
- You are required to take the Fisdap Paramedic Entrance Exam and receive a passing grade. (Cost \$25) This exam is taken on-line. Click here for access to the [description](#). Payment must be made prior to the exam – [click here](#) to purchase exam.
- Possess a current California valid state issued EMT certification and a current Healthcare Provider CPR card. Both must remain valid during your Paramedic courses.
- Provide documentation of 1000 hours as an EMT (ambulance, fire, hospital or stand-by) within the past 3 years.

### Equivalent A&P Classes for AHC Paramedic Program

#### NCTI – A&P Prehospital – In person, Riverside

This course is designed to provide students with a basic overview of the anatomy of the human body and the physiological functioning thereof. Cells, tissues, organs and organ systems are discussed in basic terms, in a fast-paced overview format. This course fulfills the anatomy and physiology pre-requisite for acceptance into NCTI's Paramedic program.

Course Cost: \$395.00

Course website: <https://ncti.edu/er/#student/register?course=412&class=109599>

#### Corexcel Anatomy & Physiology – Self Paced Online

Our accredited anatomy and physiology online course is a self-paced class that introduces learners with little or no prior knowledge to anatomy and physiology. This anatomy and physiology course is presented according to body systems, and focuses on the body working together to promote homeostasis. Mastery of key concepts is encouraged with full-color art, animations, audio and video. The course contains multiple exercises, games, quizzes and tests to reinforce learning and test knowledge of anatomy & physiology. Everything you need to complete the anatomy and physiology course is contained online, including an electronic version of the textbook. The course is perfect for non-medical professionals who want to learn anatomy and physiology to pursue a field in the healthcare or pharmaceutical industries.

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<https://www.corexcel.com/anatomy.physiology.online.htm>

### Sacramento City College: Bio100 – Online Summer Term

This introductory lecture course provides an overview of the basic anatomy and physiology of all 11 body systems and is required for students entering the licensed vocational nursing and occupational therapy assistant programs. The course emphasizes the direct connection between human activities (i.e. diet and lifestyle choices) and health of the body. It is designed for students having little or no background in the biological sciences. The course is also open to those intending to pursue studies in the biological sciences who need to strengthen or develop a vocabulary in human anatomy and physiology.

Course website: <https://scc.losrios.edu/academics/search-class-schedules?onlineFilter=true&subjectFilters=BIOL&strm=1226,Summer%202022&link=true>

### Coastline Community College - BIOL C102 - Concepts: Anatomy & Physiology – online

This lecture-only course provides a general overview of the anatomy and physiology of the eleven human body systems. It is designed for the student with little or no biological background who would like to learn more about the structure and function of the human body, including anatomical and physiological terminology, the student who would like a preparatory course before embarking on the more advanced anatomy and physiology courses, and the student interested in the Health and Fitness major. ADVISORY: ENGL C100. Letter Grade only. Transfer Credit: CSU; UC. UC Credit Limitations: credit may be granted for either BIOL C102 or BIOL C221 or BIOL C220 or BIOL C225.

Course webpage: <https://catalog.cccd.edu/coastline/course-descriptions/credit-courses/biol/>

### Modesto Junior College – AP50 – Elementary Anatomy & Physiology

Course Description: 3 UNITS | 54 Lecture Hours

Introduction to the structure and function of the human body; basic terminology, cell biology, and the organ systems. Designed as a preliminary course for allied health students, but open to all students. Field trips might be required. Not repeatable.

Course search: [Search Result \(yosemite.edu\)](#)

### Imperial Valley College

BIOL 090 Course Description:

Introductory study of the structure and function of the human organism. Class is structured for health occupation students. It is not acceptable for pre-medical, pre-dental, pre-chiropractic, pre-physical therapy, or registered nursing students, and it is not open to students who have completed BIOL 200, BIOL 202, BIOL 204, or BIOL 206 with a grade of "C" or better. (Nontransferable, AA/AS degree only)

Course website: Results for (Summer 2022) filtering by (CRN: 30185; Include Zero Cap Classes) - IVC Schedule Site ([imperial.edu](http://imperial.edu))

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## San Bernardino Valley College Biology 250 - Human Anatomy and Physiology I – Hybrid (two semester class)

This is the first semester of a two-semester sequence that introduces students to the basic concepts and principles of human anatomy and physiology. This course provides a foundation for pre-allied professional majors or others interested in the advanced study of human biology. Topics include inorganic and organic chemistry, body orientation and organization, cytology, histology, fluid and electrolyte balances, and the following systems: nervous, skeletal, muscular, nervous, digestive system, and metabolism. Course includes dissections of preserved specimens.

Course website: <https://www.valleycollege.edu/OnlineTrack/uap.php?SectionID=180910>

## CSU San Marcus - Human Anatomy and Physiology – Self Paced Online

6 Weeks Access / 24 Course Hrs

Human Anatomy and Physiology focuses on the structure and function of the human body. In this course, we will examine how your body is organized, its basic chemistry, the human cell, cancer, heredity, and the anatomy and physiology of your body's organ systems. We'll also explain how your organ systems work together to allow you to process sensations, think, communicate, grow, move, reproduce, and stay alive. In addition, we will discuss different diseases and disorders, recent advances in medicine, and ways to take care of your body.

Course website: <https://www.ed2go.com/csusmel/online-courses/human-anatomy-and-physiology/>

## UND – University of North Dakota – Human Anatomy and Physiology 1 – Self Paced Online

BIMD 220 (3 credits) and BIMD 221 (3 credits) together are a complete survey of the anatomy and physiology of the major human organ systems and the foundational concepts required to understand them. BIMD 220 covers beginner material on introductory A&P, cells, and tissues, as well as advancing through the skin, skeletal, muscle and nervous organ systems. BIMD 221 is a more advanced study of the endocrine, lymphatic, cardiovascular, respiratory, digestive, urinary, and reproductive systems. Each concept is presented through the lens of a diverse human population and both BIMD 220 and 221 are validated as essential studies special emphasis courses covering "The Diversity of Human Experience" topic.

Course website: <https://und.edu/academics/online/enroll-anytime/bimd220.html>

## UCLA Extension – Human Anatomy and Physiology – Online

This course provides an introduction to the structure; function; and integration of cells, tissues, and organs of the human body. Students learn about the muscular, nervous, cardiovascular, respiratory, digestive, renal, endocrine, reproductive, sensory, and cognitive systems. Instruction develops from molecular and cellular principles through organs and organ systems. It also covers energy metabolism and fluid compartments; homeostasis and responses to stress; and central nervous system functions in movement, consciousness, and language.

Course website: <https://www.uclaextension.edu/health-care-counseling/health-care-counseling-general/course/human-anatomy-and-physiology-physci-x>

## Southern California University of Health Sciences – Self Paced Online (2 part series)

The course provides thorough analyses of organization of human body including chemical, cellular and tissue levels of the organization; covering support and movement of the body including the

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integumentary system, bones and skeletal tissue, the human skeleton, joints, muscle tissue and the muscular system; regulation and integration of the body including the endocrine system; and the systems required for body maintenance including the digestive system and the principles of nutrition, metabolism, and energy balance. Laboratory includes work with microscopes, human body models, and cadavers.

Course page: <https://acceleratedsciences.scuhs.edu/course-listing/anatomy-and-physiology-i/>

### Mass. College of Pharmacy and Health Science – BIO 110 – Anatomy and Physiology – Self Paced Online (2-part series)

Anatomy and Physiology I (BIO 110-E/BIO 110-LE) is an online, asynchronous, self-paced course that includes both a 3-credit lecture session and 1-credit laboratory session. This course does not have specific meeting times or deadlines. You will complete your assignments on your own schedule over the course of 16 weeks using Blackboard, an online learning platform. You will also have the support of an instructor, as well as 24/7 online tutoring as you progress through the coursework. After completing this course, you will receive a final letter grade and be able to request an official transcript from our Registrar's Office. Please note: Students are able to register for the lecture, the lab, or both. Registration is separate for each of these courses.

Course website: <https://www.mcphs.edu/academics/school-of-professional-studies/prerequisites/anatomy-physiology>

### Edukan – BI276 Anatomy and Physiology –Online (2 part series)

This course introduces the integration of structure and function within the human body. An emphasis is placed on the correlation of gross and microscopic structure with functional maintenance of the following human organ systems: Integumentary, Skeletal, Muscular, and Nervous. A holistic approach is used to encourage the student to develop an integrated understanding of the human body. Students will complete virtual laboratories as part of the course requirements.

<https://edukan.edu/course/anatomy-physiology-i/>

### Straightliner – BIO 201 - Self paced & online

This course provides a comprehensive look at the human body's structure and functions. Topics include organization of the body, characteristics of life, anatomical terminology, how the body maintains homeostasis, the relationship of chemistry to anatomy and physiology, and cell function and division. The skin, skeletal system, muscles, and nervous system are examined. Sensory organs and the endocrine system are also presented. Several diseases and disorders are discussed, and as well as the cause, detection, and treatment of them.

Course website: <https://www.straighterline.com/online-college-courses/sciences/anatomy-physiology-i/>

**\*\* Courses not on this list must be reviewed by Allan Hancock's EMS coordinator to ensure minimum equivalency is met\*\***

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