

ANATOMY AND PHYSIOLOGY (A&P)

AP 120 4.0 UNITS

Introduction to Human Anatomy and Physiology

Class Hours: 3.0 Lecture / 3.0 Laboratory

Total Contact Hours: 54 Lecture / 54 Laboratory

Prerequisite: Courses taught at the level of Introduction to College Composition with a grade of "C" or higher or "Pass" or equivalent or appropriate placement based on the college's multiple measures process with eligibility for ENG 100 or ENGL 100S. This course is designed as a survey of human anatomy and physiology. It covers the basic principles of human anatomy and physiology including a survey of the tissues, organ systems, and principal anatomical features. Emphasis is also placed on integrated organ system physiology, human genetics and development. (This course is designed primarily for non-biology majors.)

Transfer Credit: CSU; UC*

*UC: credit limits may apply. A&P 120, A&P 150 and A&P 151 combined: maximum credit, one course. A&P 120, A&P 150, A&P 151, A&P 200 and A&P 201 combined: maximum credit, 2 courses.

AP 150 4.0 UNITS

Introduction to Human Anatomy

Class Hours: 3.0 Lecture / 3.0 Laboratory

Total Contact Hours: 54 Lecture / 54 Laboratory

Prerequisite: ENGL 100 or ENGL 100S or equivalent with a grade of "C" or higher or "Pass".

Recommendation: A&P 120 or equivalent with a grade of "C" or higher or "Pass".

This course examines the gross and microscopic anatomy of the human body using a systems approach. The course is designed for pre-nursing students; however, it also meets the needs of other allied health programs and physical education programs.

Transfer Credit: CSU; UC*

C-ID: BIOL 110B

*UC: credit limits may apply. A&P 120, A&P 150 and A&P 151 combined: maximum credit, one course. A&P 120, A&P 150, A&P 151, A&P 200 and A&P 201 combined: maximum credit, 2 courses.

AP 151 4.0 UNITS

Introduction to Human Physiology

Class Hours: 3.0 Lecture / 3.0 Laboratory

Total Contact Hours: 54 Lecture / 54 Laboratory

Prerequisite: A&P 150 or equivalent with a grade of "C" or higher or "Pass".
Recommendation: CHEM 100 or equivalent with a grade of "C" or higher or "Pass".

This course studies the normal functioning and integration of the organ systems in the human body. Homeostatic imbalances of many systems are examined. The course is designed for pre-nursing students; however, it also meets the needs of the allied health programs and physical education program.

Transfer Credit: CSU; UC*

C-ID: BIOL 120B

*UC: credit limits may apply. A&P 120, A&P 150 and A&P 151 combined: maximum credit, one course. A&P 120, A&P 150, A&P 151, A&P 200 and A&P 201 combined: maximum credit, 2 courses.

AP 200 5.0 UNITS

Human Anatomy

Class Hours: 3.0 Lecture / 6.0 Laboratory

Total Contact Hours: 54 Lecture / 108 Laboratory

Prerequisite: A four-unit college-level biological science with lab course with a grade of "C" or higher or "Pass".

Recommendation: ENGL 100 or ENGL 100S or equivalent with a grade of "C" or higher or "Pass".

This course emphasizes the gross structure, microscopic anatomy, and embryology of the organ systems of the human body. Emphasis is placed on showing the complementarity structure and function of cellular, tissue, organ, and systems levels. This course is one of the courses that satisfies the requirements of majors in four-year Nursing Programs, Physical Therapy, PE/Kinesiology, Dental Hygiene, and related fields.

Transfer Credit: CSU; UC*

*UC: credit limits may apply. A&P 120, A&P 150 and A&P 151 combined: maximum credit, one course. A&P 120, A&P 150, A&P 151, A&P 200 and A&P 201 combined: maximum credit, 2 courses.

AP 201 5.0 UNITS

Human Physiology

Class Hours: 3.0 Lecture / 6.0 Laboratory

Total Contact Hours: 54 Lecture / 108 Laboratory

Prerequisite: A&P 200 and CHEM 100 or equivalents with grades of "C" or higher or "Pass".

This course involves a detailed study of the function of the human body with an emphasis on the maintenance of homeostasis by the various organ systems. This course will meet the requirements of four year nursing, dental hygiene, physical therapy, paramedical, physical education, and related majors.

Transfer Credit: CSU; UC*

*UC: credit limits may apply. A&P 120, A&P 150 and A&P 151 combined: maximum credit, one course. A&P 120, A&P 150, A&P 151, A&P 200 and A&P 201 combined: maximum credit, 2 courses.

AP 298 1.0 UNITS

Directed Studies

A course to provide opportunity for individual research and field projects under the direction of a faculty member in a given department. With the guidance of the faculty member, students prepare and carry out a written learning agreement describing the purposes and outcomes of the project. Students should expect to meet with the supervising faculty member one to two hours each week for conferences. Credit is based upon the number of hours in the semester expected to complete the project (1 unit for 54 hours). This course may be taken a maximum of 2 times. For selected disciplines, UC transfer credit may be possible after admission to a UC campus, pending review of appropriate course materials by UC staff. See a counselor for an explanation.

Transfer Credit: CSU

AP 299

2.0 UNITS

Directed Studies

A course to provide opportunity for individual research and field projects under the direction of a faculty member in a given department. With the guidance of the faculty member, students prepare and carry out a written learning agreement describing the purposes and outcomes of the project. Students should expect to meet with the supervising faculty member one to two hours each week for conferences. Credit is based upon the number of hours in the semester expected to complete the project (2 units for 108 hours). This course may be taken a maximum of 2 times. For selected disciplines, UC transfer credit may be possible after admission to a UC campus, pending review of appropriate course materials by UC staff. See a counselor for an explanation.

Transfer Credit: CSU