



Health Science/Pre-Med Pathway

Anatomy & Physiology: Intro to the Human Body (6-7th Grade)

Instructor: Klaus Aichelen

Sep 30 - Nov 20, 2020

W, F (3-4:30 pm)

Course Description

In this course, students survey the organ systems of the human body: the immune, integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic, respiratory, digestive, excretory, and reproductive. Students begin by exploring the levels of biological organization, paying special attention to cells and tissues before delving into each body system. Keeping with the theme that structure dictates function, students not only examine the systems individually, but they also investigate their interconnectedness.

Topics will include:

- Organization, Cells and Tissues
- Integumentary System
- Skeletal System
- Muscular System
- Nervous System: Neurons, Brain and Sensory Organs
- Circulatory System
- Respiratory System
- Digestive System
- Excretory System
- Immune System
- Reproductive System

Program Objectives:

This course allows students to get a head start on learning material vital to the SAT Bio Subject test, USABO exam etc. Additionally, students will develop skills for helping memorize large amounts of information - important tools to learn for succeeding in high school, exams, and certainly necessary for those interested in medical school.

Curriculum: Anatomy and Physiology, 2nd ed. (Biozone) (provided)

For more information or to register, please contact pathways@flexcollegeprep.com or call (408) 252- 7742.

FREE 4 Week Preparation Course:

- Register by 8/31
- Classes on 9/4, 9/11, 9/18, 9/25
- F (3-4:30 pm)

Instructor Background: Klaus Aichelen (FLEX College Prep Director of Academic Services)

- 14+ experience teaching the life sciences, and STEM courses for middle and high school students
- Average score increase for ACT Science & Math in 2019 nearly 4+ points
- Biology Olympiad Program Director
- UC Berkeley BS Biology

Tuition: \$1,495 (+\$50 curriculum fee)

- Early registration: \$200 off by 8/31
- Returning students: 20% off by 8/24
- Returning students who refer a friend: both get total 40% off by 8/24
- Discounts cannot be combined with other offers
- Tuition must be paid in full to receive discounts