

# AP Biology Syllabus

## **Course Description/Goals:**

The AP Biology course outlined in this framework focuses on essential, conceptual understandings and the content that supports them. This approach enables students to spend less time on factual recall and more time on inquiry-based learning of essential concepts, helping them develop the reasoning skills necessary to engage in the science practices used throughout their study of AP Biology. To foster this deeper level of learning, the breadth and depth of content in the AP Biology course defines concepts, science practices, and understandings required by representative colleges and universities for granting college credit and/or placement. This framework encourages student development of inquiry and reasoning skills, such as designing a plan for collecting data, analyzing data, applying mathematical routines, and justifying arguments using evidence. The result will be readiness for the study of advanced topics in subsequent college courses.

## **Course TEKS/Objectives:**

The big ideas, often, are abstract concepts or themes that allow students to create meaningful connections among course concepts. Revisiting the big ideas and applying them in a variety of contexts allow students to develop deeper conceptual understandings. Following are the big ideas of the course: Evolution, Energetics, Information Storage & Transmission, Systems Interactions.

## **Course Outline:**

[AP Biology Course & Exam Description](#)