



AP BIOLOGY

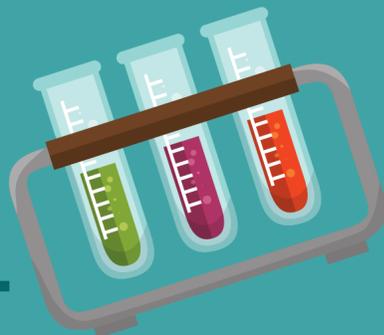
Advanced Placement Biology is designed to be the equivalent of a two-semester college introductory biology course usually taken by biology majors during their first year. This course prepares students to pass The College Board's AP Biology Exam.

STUDENTS WHO ARE INTERESTED IN THIS COURSE:

- Develop a conceptual framework for modern biology
- Recognize unifying themes that integrate the major topics of biology
- Apply biological knowledge and critical thinking to solve novel problems
- Gain inquiry-based experience of the science practices

LABORATORY INVESTIGATIONS:

- Roly-poly Behavior
- Enzyme Catalysis
- Diffusion & Osmosis
- Mitosis & Meiosis
- Bacterial Transformation
- Signal Transduction Taste Lab
- Cell Respiration & Photosynthesis
- Genetics of Organisms & Populations



GRADE DETERMINATION:

Science Practices: 25%

Laboratory reports, case studies, homework, research projects

Course Content Standards: 75%
Unit Exams

"There are a ton of helpful study tips and resources out there, so make sure you do your research on what works for you. It's hard to ask for help sometimes, but you can do it!"
-Former AP Bio Student

WORKLOAD:

Reading time assigned/class: 60 min

Practice time assigned/class: 30 min

A-G APPROVED CLASS:

Category D: Science

ADVICE FROM FORMER AP BIO STUDENTS:

bit.ly/APBioAdvice