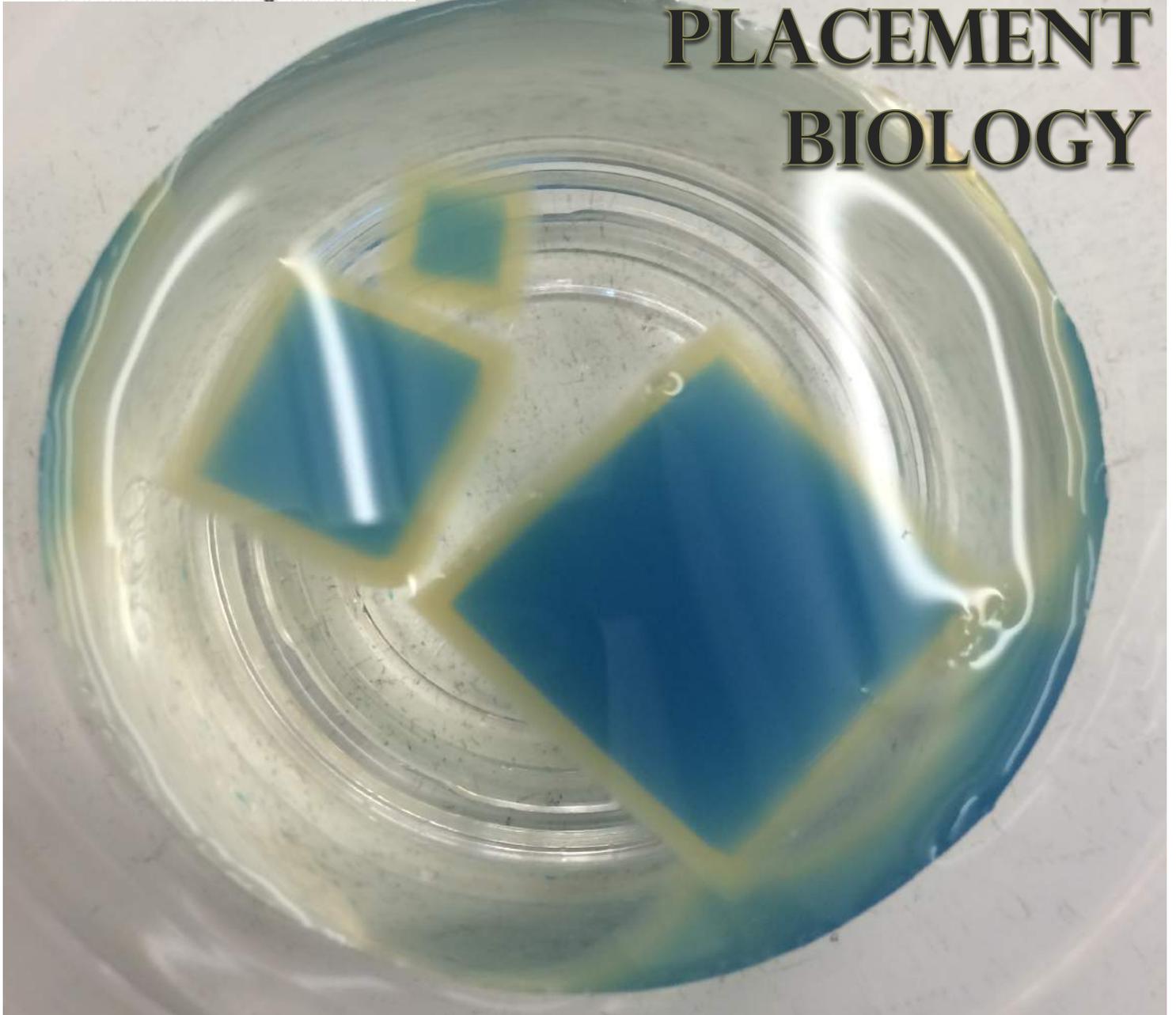


# ADVANCED PLACEMENT BIOLOGY



## What is AP Bio?

AP Biology is a rigorous and demanding course, designed to be the equivalence of an introductory college course in Biology.

## Why AP Bio?

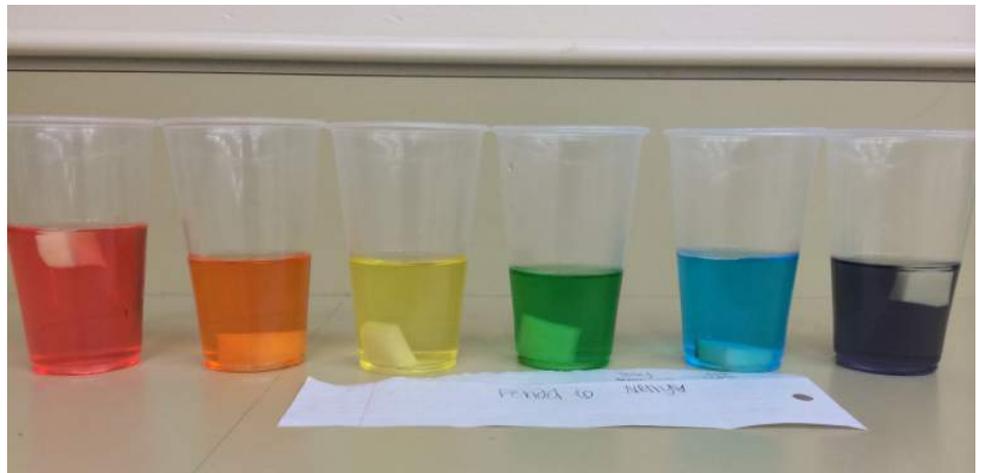
AP Biology is a student-centered and hands-on course that encourages students' development of natural inquiry and logical reasoning skills.

## Who should take AP Bio?

College ready students who are interested in a career in science, life science, or medical fields.

## Inquiry based course

This is a hands-on laboratory course where students design and conduct their own experiments. Students are encouraged to apply their content knowledge to investigate different conceptual questions, decide on variables to measure and collect meaningful data, analyze and explain the significance of their results, and report and communicate their investigations to peers.



*“This class is SO hard, but it’s my most favorite class.”*

*~Irene Díaz-Martínez~*

The course will cover in depth all important concepts of college introductory biology with an emphasis on students’ development of critical thinking and analytical skills instead of rote memorization. AP Biology will focus on major recurring themes in Biology including science as a process, evolution, energy transfer, continuity and change, relationship of structure to function, regulation, and the interdependence of nature, science, technology, and society. Students will develop their verbal, written, and graphic communication skills. The course provides students with opportunities to connect their biological and scientific knowledge to critique major biosocial issues and become scientifically literate citizens.

### A. Technology

Students are required to frequently check the class website for lab handouts, assignments, online quizzes, and learning resources. Students will have access to ipads and computers for creative and collaborative projects.

### C. Quizzes and exams

Students will frequently have quizzes throughout the months. Big exams are given at the end of each study unit. In class unit exams are modeled after the official AP Exam format with both Multiple Choices section and Free Response Questions section.

### B. Homework

- Students are required to read outside of class and complete a reading guide for each chapter.
- Lab reports are required after each lab.
- Occasional practice problem sets on essential scientific skills and knowledge will also be given.

### D. AP Exam and AP credits

A national AP Biology Exam in May will be given for students who wish to earn college credits for completing AP Biology.