

2025-2026 Advising information for AP Biology

- ❖ This class counts as the 4th science lab course toward the Advanced Diploma. It does **not** count as the 3rd science lab course toward the Standard Diploma.
- ❖ For students who pass this AP course, an additional **1.0 quality point will be added to the quality point value** assigned to the final grade for purposes of calculating GPA. For example, a final grade of A in this course shall receive 5.0 quality points.
- ❖ Students enrolled in AP courses are strongly encouraged to take the culminating external examination associated with the course and a successful score may earn credit and advanced placement in college.

Skills:

- Learn, work and study **independently**
- Meet deadlines & turn in assignments **on time**
- **Take notes** during lectures
- Have strong reading comprehension skills
- Conduct inquiry-based labs, analyze data, write conclusions and explain reasoning based on data.
- Be able to follow written instructions/lab procedures
- Be familiar with the appropriate and safe use laboratory equipment
- Be comfortable conducting dissections – alternatives are available, but dissections will be occurring in the lab/classroom
- Be able to interpret and graph data
- **Attend class and participate**
- We will investigate the natural world through scientific inquiry and sharpen our critical thinking through hands-on experimentation and modeling. Students are expected to design investigations, make claims supported with evidence, and explain in terms of biological processes. At this advanced level and accelerated pace, the expectation is for students to support their learning through a variety of practices including inquiry, reading, writing, collaboration, mathematical modeling and mathematical analysis and quantitative skills.

Pre-requisites:

- Biology & Chemistry.
 - Students should have passed (400 or higher) the Biology & Chemistry SOL's on their first attempt.
 - Recommended grades in Biology and Chemistry classes are B or higher
- Math: Students should have completed Algebra I, Geometry, & Algebra II. Minimum of a C average or higher in all math classes.

Homework:

Students should expect 30 minutes of homework following each class period.