

# AP Biology

In this college-equivalent course, students investigate, in depth, the phylogenetic survey of basic physiological functions, modern molecular genetics, developmental biology and the biochemistry of living systems. Students extend their understanding of biology with an emphasis on cytology, cellular respiration and photosynthesis, enzymology, vertebrate anatomy and physiology and ecology. Through extensive laboratory work, students develop important laboratory skills, problem-solving techniques, research techniques and higher-order thinking skills.

**High School Credits:** 1

**Note:**

Students who enroll in AP courses must take the end-of-course AP exam. The cost of these exams is paid by ACPS.

**School Level:** High School

**Grade:** 11, 12

**Prerequisites:**

Chemistry I and Biology I

**Co-Requisites:**

AP Science Lab Seminar.

**Program:** Science Core Courses