



## AP BIOLOGY SYLLABUS

Mrs. Hulihee  
2017-2018

### Welcome to AP Biology!!

AP Biology is a yearlong course which culminates in a national exam that is graded on a 5-point scale. AP Biology includes those topics regularly covered in a college introductory biology course and differs significantly from the standards-based, high school biology course with respect to the kind of textbook used, the range and depth of topics covered, the kind of laboratory work performed by students, and the time and effort required of the students. The textbook used by AP Biology is also used by college biology majors and the kinds of labs done by AP students are equivalent to those done by college students. AP Biology is a course that aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. This course is designed to prepare students for the Biology College Board Advanced Placement Exam.

### Text/Required Materials:

- Composition Notebook - Quad ruled
- 1.5 - 2" binder with dividers
- Pens: black or blue & red or green
- Highlighters - at least 3 colors
- Calculator a 4-function with square root key
- Highlighters - at least 3 colors
- colored pencils
- post-it notes in various sizes
- index cards with a ring to hold them

### Grades will be based on the following:

Citizenship:	10%
Classwork/Homework:	5%
Tests/Projects:	45%
Quizzes:	10%
Lab Reports:	30%

### Citizenship

- This grade will be given once a week and will be based on your behavior in class.

## **Classwork and Homework**

Homework will take many forms and is designed to help with student understanding of the current unit being studied. Homework assignments for each unit include, but are not necessarily limited to, the following; completion of Major Themes Concept Maps, justify why the answers to the “self-quiz” multiple-choice section at the end of each assigned chapter are correct, answering the “evolution connection” question at the end of each assigned chapter, and answering free-response questions, which are related to the unit. Readings for each unit include chapters from the textbook, which contain information that will be covered. Scientific abstracts and papers are assigned with the purpose of showing how discoveries are made and demonstrate that science is the process. Articles found in science magazines and online news sources are also assigned to promote discussion about social and environmental concerns.

## **Tests**

At the end of each unit, an exam will be given, which is 50 percent multiple choice/grid-in and 50 percent free response. Testing time for these exams will be limited just as it is for the AP Biology Exam. There will be a comprehensive final exam at the end of each semester. Final exams will be multiple choice and cumulative in nature.

## **Quizzes**

At a minimum, one quiz will be given every two weeks. Some quizzes will be announced and others will not. Quizzes will vary in format depending on the topic being covered.

## **Laboratory Reports**

Lab reports are required for each of the recommended Inquiry-Based AP Biology Labs. These reports may include: title, introduction/background information, purpose, hypothesis, procedure, data/results, analysis, question, and conclusion. Students work in pairs to complete lab procedures, but are responsible for turning in individual lab reports. Students are encouraged to produce a high-quality report and are given a week from the conclusion of the lab to submit their report. A formal lab write-up for the remaining additional labs are not required. In these cases, student’s lab papers will include pre-lab questions, data/results, analysis, and post-lab questions, which are geared to emphasize the key concepts of the lab.

## **Absences:**

As with a college course, being absent does not excuse you from work that is due. It is your responsibility to make sure all work is turned in on time whether you are in school or not.

## **Late Work:**

Absolutely no late work will be accepted.

## **Academic Integrity:**

You are expected to be honest. Cheating on a test or a quiz will result in an F for all persons involved and a log entry.

Plagiarism is defined as "the practice of taking someone else's work or ideas and passing them off as one's own." This means not only copying something from the Internet but also copying homework or an assignment from a fellow scholar. It is expected that you will do all of your own

work and not just copy someone else's. Any cases of plagiarism will result in a zero for all parties involved and a log entry.

**Ways to contact me and get information about class:**

**Email:** [fhulihee@heritageacademyaz.com](mailto:fhulihee@heritageacademyaz.com)

**Website:** <https://tinyurl.com/y7f26qmh>

**Office hours:** Monday & Wednesday 3:00 – 4:00, I am available other times by prior arrangement.

**Remind:** on a web browser, go to: [rmd.at/mrshulih](http://rmd.at/mrshulih) and follow the directions to get push notifications. To get text notifications: text @mrshulih to 81010

I have read and understand this syllabus:

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Print your name

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Sign your name

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Date

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Parent's signature