



# Pre-AP Biology

## COURSE INSTRUCTORS

Instructor	Email	Phone number
Julie Ertmann	<a href="mailto:jertmann@ucityschools.org">jertmann@ucityschools.org</a>	(314) 472-5958 (call or text)

## COURSE DESCRIPTION

This course covers cellular biology, genetics, biotechnology, evolution, and ecology. Laboratory experiments are frequently performed and students will participate in additional research projects. There are no prerequisites for this course; students wishing to take the most challenging first course in Biology should enroll in Honors Biology.

## COURSE MODULES

Semester 1		Semester 2
Unit 1 - Biochemistry		Unit 1- Heredity
Unit 2 - Cells		Unit 2- Evolution
Unit 3 - Mitosis and Meiosis		Unit 3- Ecology
Unit 4 - DNA and Protein Synthesis		

## COURSE ASSIGNMENTS

Your grade consists of summative and formative assessments. The summative assessments are 70% of the final grade and the formative assessments are 30% of the final grade. A typical semester in Biology class looks like this:

Type of assignment	Percentage of Grade	Total Points per semester	Breakdown of points
Summative	70%	400-500 points	*Four Unit Tests 100 pts each *Up to 100 additional points for other

			summatives (quizzes, projects, etc.)
Formative	30%	300-500 points	*Ranging from 2 to 40 points per assignment *Daily assignments such as: quizzes, do nows, entry tickets, exit tickets, labs, homework, worksheets, discussions, and other formative assignments as needed

*\*This is the planned breakdown of points, but it is subject to change due to new course content*

If a student does not achieve mastery on a summative Unit Test (80%), it may be retaken one time during the following unit. In order to retake the test a student **MUST** attend a tutoring or relearning/reteaching session before the retake. The student will earn the higher of the two test scores (up to 80%).

### **STUDENT EXPECTATIONS**

1. Students are expected to check Canvas and email at least daily.
2. Students are expected to attend course sessions.
3. Students are expected to reach out to instructors when they have questions.

### **TECHNOLOGY**

1. Students are expected to have working Chromebooks.
2. All communication will come through email and Canvas.
3. Supplemental Resources: Text Used – Biology Dynamics of Life Series Published by McGraw-Hill Education 2012

### **LATE POLICY & MAKE-UP WORK**

Students are expected to submit all work on time and meet all provided deadlines. If you are struggling to meet this expectation, please reach out to the course instructor in a timely manner.

### **ACADEMIC INTEGRITY**

It is essential for students to complete their own work at all times. Cheating means using the work of another person as their own, copying information or answers from another student, plagiarizing, allowing another student to copy work, excessive collaboration on an assignment meant to be done individually, or sharing test/quiz questions/answers with students who have not yet taken the test/quiz. If a student is caught violating these guidelines, he/she will receive disciplinary action according to school policy.

