

# Biology 2: Genetics

This course builds on the foundational principles of genetics and introduces students to important modern topics including genome sequencing, predictive medicine, epigenetics, bioinformatics, etc. Students will develop understanding of analytical approaches now being used across the spectrum of the biological disciplines (e.g., markers, genetic dissection, genetic engineering, etc.). In addition, the course will address perilous misconceptions that have been documented by researchers as common among the current U.S. population.

**Credits** 1

**Grades**

11, 12

**Schools**

Gainesville High School

Osborn Park High School

**Prerequisites**

[Biology 1](#) or [Advanced Biology 1](#)