

# Broward County Public Schools Curriculum Guide

## 12<sup>th</sup> Grade

### AP BIOLOGY

This course is designed for students who have successfully completed Biology I and Chemistry I and are interested in deepening their knowledge in Biology. The AP Biology course is equivalent to a two-semester college introductory biology course. Student will develop advanced inquiry and reasoning skills by engaging in challenging laboratory inquiries. Additional information can be obtained from the College Board website.

### AP CHEMISTRY

This AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first year of college. This course is structured around the six big ideas articulated in the AP Chemistry curriculum framework provided by the College Board. A special emphasis is placed on the seven science practices, which capture important aspects of the work that scientists engage in, with learning objectives that combine content with inquiry and reasoning skills. AP Chemistry is open to all students that have completed a year of chemistry who wish to take part in a rigorous and academically challenging course. Additional information can be obtained from the College Board website.

### AP ENVIRONMENTAL SCIENCE

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory, laboratory college course in environmental science. This course is designed to enable students to undertake a more advanced study of topics in environmental science. AP Environmental Science provides students with the foundation of scientific principles, concepts, and methodologies that are required to understand the interrelationships of the natural world. Students will identify and analyze environmental problems both natural and human-made, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving and/or preventing them. Additional information can be obtained from the College Board website.

