

Proposed changes to the Course of Studies book:

Suggested Course Sequences in Science

The Honors sequence is for students with exceptional ability who demonstrate a high aptitude for abstract and challenging thinking. It prepares students for further studies in science at more competitive colleges.

9 th	Honors Biology
10 th	Honors Chemistry
11 th	Honors Physics
12 th	AP Biology or AP Chemistry or Advanced Studies

The Modern sequence is for students with an interest in higher levels of thinking and scientific applications. It prepares students who may wish to pursue further studies in science at the college level.

9 th	Modern Biology
10 th	Modern Chemistry
11 th	Modern Physics
12 th	Environmental Science B

The Science sequence is for students with a general interest in science. It prepares students for further studies at the college level.

9 th	Biological Science
10 th	Environmental Science A
11 th	Course to be determined

Biological Science

5 Cr., 1 Yr.

This course is a comprehensive high school laboratory biology course addressing topics such as cellular structure and function, energy transformation and flow in biological systems, ecosystems, heredity and biological diversity. Investigations and the inquiry process will be used to develop conceptual understandings along with discipline specific knowledge. Students will be given opportunities to apply their learning to address complex, real world problems. The course meets the 2009 New Jersey Core Content Curriculum Standards, addresses all the content and concepts required for the End of Course Biology Test and prepares students for further studies at the college level.