

Biology

Ages: 13 - 18

Time: 10:15 Am – 12:15 PM (Mondays)

Requirements: None. Prefer students to have had at least one solid middle school science such as General Science or Physical Science. Students must have good study habits.

Instructor: Liesl Hake

The skeleton of this course will be the Apologia text book, *Exploring Creation with Biology*. Apologia describes their text in this way:

“This course is designed to be the student’s first high school science course and is a college-prep biology course that provides a detailed introduction to the methods and concepts of general biology. Heavily emphasizing the vocabulary of biology, it provides the student with a strong background in the scientific method, the five-kingdom classification scheme, microscopy, biochemistry, cellular biology, molecular and Mendelian genetics, evolution, dissection, and ecosystems. It also provides a complete survey of the five kingdoms in Creation. Students who take and understand this course will be very well-prepared for a tough university biology course.” *Apologia*

You can see the entire table of contents of this text on the *Apologia* web site.

We will master the entire text, take all the tests, do most of the lab work, and keep a lab notebook. In addition, there will be a quiz every other week, term competitions, and additional memory work exceeding the expectations of the Apologia course. I supplement with sections from other textbook publishers where Apologia needs beefing up, include supplemental materials and projects, and usually a field trip. In general, I will expect a little more of the students than just what Apologia requires. The course will be rigorous but fun.

Estimated homework time: 5 -7 hours/ week

Tuition for the year: \$415.00

Materials Fee: \$18.00

Lab Fee: \$35.00

Required Purchases: *Exploring Creation with Biology* (second edition) and the [Solutions and Test Manual](#).

Class Size: Minimum 10. Maximum 25. First come, first serve registration.