



COURSE DESCRIPTIONS

Marine Biology Course (Full Year)

Overview: This course offers a biblically-based overview of Marine Biology and includes two laboratories, one each semester, as well as four optional field trips to supplement the student's class work. The field trips will be offered on various days of the week. The fall semester will focus on the ocean environment and marine ecosystems while the spring semester will focus on marine animals. Topics will include discussing scientific information presented in the Bible about the ocean, biblical environmentalism, the chemistry and physics of seawater, ocean currents, waves and tides, ocean zonation, community dynamics, symbiotic relationships, marine ecosystems such as coral reefs, seagrasses etc., taxonomy and marine animals. In the fall semester the laboratory will allow students to perform water quality analysis on various seawater samples. In the spring semester, the students will perform a shark dissection.

Format: Students will meet once per week for two hours for a total of 26 weeks. Class time will include lecture, class discussion, video illustrations and group activities. Students will be assigned reading assignments as homework each week.

Age Group: 9th to 12th Grade

Max. Size: 25 students

Materials: Students will be provided with classroom and laboratory materials, instruction, curriculum, handouts and visual aids. Student will be required to provide his or her own notebook, writing utensil and Bible (NKJV or NIV, preferred). All other materials including laboratory supplies and equipment will be provided.

Cost: There is a cost of \$640 for this Course. Expenses associated with the optional field trips are additional.