

Course Description

Grades 10-12 Biology

Philosophy Statement: Science instruction equips students to know and experience God's basic eternal truths revealed through His creation. Science deepens the students' faith, understanding, and awareness of the eternal power and divine nature of God. (Romans 1:20)

Course Objective: This is a general introductory biology course for the students. Topics that will be studied include: cells, genetics and heredity, botany, zoology, ecosystems, microorganisms, basic anatomy and physiology, and creations/evolution. Labs or investigations are used. Students will be able to look at any aspect of Biology that we have studied and determine how that subject is related to the Bible.

Textbooks: Biology
Prentice Hall
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Materials:

- Chemicals
- Laboratory supplies
- Laboratory equipment

Time Allotment: 45 minutes per day, 5 days per week

Course Content:

- Scientific Skills and Inquiry
- Nature of Life
- Ecology
- Unit of Life
- Origin of Life
- Molecular Biology and Genetics
- Microorganisms and Fungi
- Plants
- Animals
- Human Anatomy and Physiology
- Biotechnology
- Laboratory Skills

Areas to be evaluated:

- Satisfactory and timely completion of assigned work
- Homework assignments
- Written assignments
- Labs
- Exams

Additional activities:

- Additional readings
- Media presentations
- Guest speakers
- Discussion
- Students will be expected to observe God's creation once a month throughout the school year
- Students will have the option to attend a local science conference held each year