

COURSE OVERVIEW FOR Science MS/HS



7th Grade Life Science

We use the Bob Jones text Life Science for Christian Schools and the accompanying workbook. Students study the foundations of Life Science including the Scientific Method, cell structure, cell processes and heredity. They also investigate examples of the 5 major groups of living things and their structures. Students conclude the year by studying various aspects of the environment and the human body.

8th Grade Earth Science

We use the Bob Jones text Earth Science for Christian Schools and the accompanying workbook. Students study the celestial sphere (planets, stars, and space exploration), the atmosphere (weather), the lithosphere (rocks, minerals, and earth structure), and the hydrosphere (oceans, the water cycle, ground water) from a Biblical framework.

9th Grade Physical Science

We use the Bob Jones text The Physical World and the accompanying lab book. Students compare creationism & evolutionism, looking at each of their biases. They also study atoms, compounds, chemical & physical changes, bonding, acids, bases, and salts. The 2nd part of the year students investigate the laws of motion, gravity, and the various forms of energy.

10th Grade Biology

We use the Bob Jones text Biology for Christian Schools and the accompanying lab book. This course consists of an introduction to cellular biology, genetics, taxonomy, microbiology, botany, zoology, and human anatomy. Topics such as eugenics, euthanasia, homosexuality, ecology, genetic engineering, and AIDS are discussed from a Biblical perspective.

11th & 12th Grade Chemistry

We use the Bob Jones text Chemistry for Christian Schools and the accompanying lab book. Students will study the periodic table, atomic structure, bonding, stoichiometry, nomenclature, kinetic theory, solutions, and acids & bases.

11 & 12th Grade Physics

We use the Bob Jones text Physics for Christian Schools and the accompanying lab book. Students study forces, movement, mechanics, and energy. They will also study electricity, magnetism, optics and logical problem solving.

11th & 12th Grade Human Anatomy & Physiology

We use the Benjamin Cummings text Essentials of Human Anatomy & Physiology and the accompanying lab book. Students study cells, tissues and the eleven systems of the human body in depth.

11th & 12th Grade Origins

We use the Winepress text, A question of Origins. Students investigate the history of Evolution, the evidence for Evolution and compare that evidence to Creationism.