

NATURAL SCIENCE (NSCU)

NSCU 302 Life Science

This course is the first in a two-part natural science sequence for prospective elementary school teachers. This course examines the fundamental concepts of life science and its applications. Topics include the structure and functionality of the structures found in plants and animals, the relationships between living and nonliving components within the environment, example life cycle and reproductive patterns, evidence that supports the theory of evolution, and how to plan and conduct appropriate scientific investigations. An emphasis is placed on applying science concepts to current events in science and society. 3 credits.

NSCU 304 Earth and Physical Science

This course is the second in a two-part natural science sequence for prospective elementary school teachers. This course examines the fundamental concepts of Earth and physical science and their applications. Topics include the structure and composition of the Earth, Earth's atmosphere and Earth's bodies of water, the solar system and the universe, the structure and properties of matter, the principles of motion and energy and how to plan and conduct appropriate scientific investigations. An emphasis is placed on applying science concepts to current events in science and society. 3 credits.