

## Natural Science (NSI)

**Professor J. Johnson**  
**Adjunct Instructor Anderson**  
**Adjunct Instructor Kent**

The Natural Science major is a broadly based bachelor of science degree program for students seeking a general education in science and the Natural Science Field Endorsement. This major meets the requirements for certification to teach biology, chemistry, physics, and earth science in grades 7-12.

### Requirements for the Natural Science Teaching Major:

1. Complete the following courses: Biology 101, 206, 208, 252; Chemistry 125, 126, 203, 205; Physics 107 (or 201), 108 (or 202); Geology 103; Mathematics 125 (235 recommended); Natural Science 322, 324, 326, 327.
2. Complete eight additional credits in one of the following two areas: Biology or Chemistry.

### 322 The Teaching of Laboratory Sciences I (0)

This course begins the transition from student of the natural sciences to teacher of the natural sciences. Major emphasis on laboratory safety, innovative methods for facilitating learning in the natural sciences in the public schools and the methods and procedures for evaluating student learning. **Generally taken during the sophomore year. Offered spring term.**

### 324 The Teaching of Laboratory Sciences II (0)

Examines topics in the teaching and evaluation of natural science curriculum. **Generally taken during the junior year. Prerequisite: Natural Science 322 or permission. Offered fall term.**

### 326 The Teaching of Laboratory Sciences III (0)

Examines topics in the teaching and evaluation of natural science curriculum. **Generally taken during the junior year. Prerequisite: Natural Science 324 or permission. Offered spring term.**

### 327 The Teaching of Laboratory Sciences IV (4)

Includes topics not covered in Natural Science 322, 324, 326. Various teaching approaches and methods are examined. Focus is on the Nebraska K-12 Science Standards and the use of the Internet/World Wide Web for natural science teaching and research. **Prerequisite: Major in the sciences, enrolled in the professional term, Natural Science 322, 324, 326, or permission. Offered fall term.**

### 496 Environmental Studies Seminar (2)

An integration of environmental issues. Each student is expected to review his/her knowledge of the environment and challenge his/her understanding in an analytic and synthetic manner. **Prerequisite: Environmental Studies major or permission.**