

Natural Science (NSI)

Associate Professor Soucek
Adjunct Instructor Anderson
Adjunct Instructor Coe
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); Geography 112 and 112L (or 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.
3. Complete all requirements listed under the catalog section Secondary Education.

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 understand-

ing in an analytic and synthetic manner. *Prerequisite: Environmental Studies major or permission.*

Philosophy and Religious Studies

Professor Wolters

Assistant Professor Betz

Both philosophy and religious studies offer students the opportunity to explore deep-rooted values and ideals that have shaped the development of human culture, particularly in the West. Questions about the nature of being human, the nature of our private and social obligations, and faith and its relation to reason are discussed in many of the courses. Discussed are the historical dimensions of these questions, how answers to them have developed historically, and how questions have shaped the growth of our civilization. In religious studies, students do this through introductory and upper-level course work in Biblical studies, theology, and comparative religious traditions. In a non-religious context, they see many of the same concerns arising in such courses as Ethics or Ancient and Medieval Philosophy.

In all courses, a major emphasis is to help students develop the ability to think knowledgeably, rationally and critically for themselves. Thus, at the end of either major, each student completes a senior thesis, in which he or she has the opportunity to work closely with one member of the department to explore in-depth an issue of the student's choosing.

Requirements for the Philosophy Major:

Complete the following 33 credits:

1. One course chosen from Philosophy-Religion 110, 111, 231
2. Philosophy 114 (or 214), 210
3. One course chosen from Philosophy 311, 411, or 371 (3 credits)
4. Nine additional credits in philosophy, three of which must be at the 400 level
5. Philosophy-Religion 120 (or 121)
6. Two additional Religious Studies courses at the 300 or 400 level
7. Philosophy 495

Requirements for the Philosophy Minor:

Complete the following 18 credits:

1. One course chosen from Philosophy-Religion 110, 111, 231
2. Philosophy-Religion 120 (or 121) plus three additional credits in Religious Studies
3. Philosophy 210 (or 214)
4. One course chosen from Philosophy 311, 411, 317, 417
5. Three additional credits in Philosophy at the 300 or 400 level