# General Science

*Contact Person: Peter D. Ehni, Ph.D.*

General science courses are designed around themes that integrate the natural sciences. They show how scientists tackle problems and how science works. Of the general science courses which are designated as core fulfilling, only one may be used to satisfy the science core requirement, see core curriculum pp. 14-15.

## Course Descriptions

**GSC 110 Integrated Sciences I (3 crs)**
An integrated science and math course for the non-science major. The course investigates science and the scientific method through selected topics in the traditional fields of biology, chemistry, physics and earth and space science. Math topics are integrated as appropriate. Topics fit the more traditional areas of physics, chemistry and biology. A hands-on, student centered approach is taken. Lab and lecture are integrated with the course meeting for 90 minutes three times in a week.

**GSC 120 Integrated Sciences II (3 cr)**
An integrated science and math course for the non-science major. The course investigates science and the scientific method through selected topics in the traditional fields of biology, chemistry, physics and earth and space science. Math topics are integrated as appropriate. Topics include the human body, sound and waves, electricity, astronomy and geology. A hands-on, student centered approach is taken. Lab and lecture are integrated with the course meeting for 90 minutes three times a week.

**GSC 135 The Science of Health (3 cr)**
A core-fulfilling science course intended for non-science majors. It uses scientific principles to discover the effects of lifestyle on long-term health outcomes. The science of nutrition, exercise, chronic diseases, naturalistic healing and aging are explored. Instructional strategies are used that involve the student in learning as a co-inquirer with the instructor. The effects of personal life choices will be incorporated into the learning environment whenever possible.

# History

*Contact Persons:* *Joseph Laker, Ph.D.*
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*Donna Simpson, Ph.D.*
*Daniel Weimer, Ph.D.*

The individual who neglects the study of history is trapped in the "prison of the present," unable to understand how humankind has arrived at its present condition and often uncertain of the changes which the future may bring. For this reason, a knowledge of history has long been one of the hallmarks of an educated person. Students are encouraged to approach their studies from a comprehensive background of materials, avoiding narrow interpretations. Thus, a major or minor in history is excellent preparation for a student who seeks to work in such fields as law, foreign service, journalism, international business, or government at all levels, as well as those who seek such professional areas as education, museum management, or archival work. Our courses stress systematic research and considerable reading and writing.

Upon completion of the history program, students will be able to demonstrate the ability to:

1. Analyze contemporary events and problems in historical perspective.
2. Demonstrate knowledge of major events, trends and personalities of the western tradition.
3. Search effectively for information on current and past topics using contemporary research tools.
4. Write factually accurate and insightful explanations of historical events.
5. Communicate factual information and research findings in a concise and articulate oral manner.

**Requirements for a History Major Bachelor of Arts Degree**

| | | |
|---|---|---|
| HIS 110 | The Twentieth Century | (3 crs) |
| HIS 120 | Historical Methods | (3 crs) |
| HIS 211, 212 | History of the American People (only offered every other year) | (6 crs) |
| HIS 351, 352 | The Western Tradition (only offered every other year) | (6 crs) |
| HIS 386 | Junior Seminar | (3 crs) |
| HIS 486 | Senior Seminar | (3 crs) |
| | Two non-western history courses (Non-western HIS 120 courses might count. See chairperson for approval.) | (3-6 crs) |
| | Three or four free history electives | (9-12 crs) |
| | | (39-42 crs) |

The following courses are only offered every other year and should therefore be taken in the sophomore or junior year: HIS 211, HIS 212, HIS 351, and HIS 352. Otherwise, students may encounter difficulties in scheduling student teaching or other senior requirements.

**Requirements for a History Minor**

Minors must complete seven courses including HIS 110 and the history proseminar HIS 120, one elective in each of the three areas of European, American and Non-western and two history electives.

**Core Fulfilling Course**

The core requirement in history may be fulfilled by taking the following courses:

| | |
|---|---|
| HIS 110 | The Twentieth Century |
| HIS 120 | Historical Methods |