

Academic Planning Guide - Environmental Science

North Park University

effective with 2014-2015 Catalog

Major Requirements

Required Semester Hours: BA: 56 semester hours

BS: 64 semester hours

Prerequisites and Supporting Courses : 16 semester hours

All Degrees:

- CHEM 1150: Introduction to Chemistry I (4) - meets Physical Science Requirement
- CHEM 1160: Introduction to Chemistry II (4)
- CHEM 2510: Introductory Environmental Chemistry (4)
- BIOL 4950: AuSable Institute of Environmental Studies – Environmental Ethics (4)

BA degree:

one of the following:

- CHEM 1021/1031: Survey of Organic Chemistry (2)/ Survey or Biochemistry (2)
- CHEM 2310: Organic Chemistry (4)

BS degree:

- CHEM 2310: Organic Chemistry (4)

Required Core Courses : 18 semester hours

- BIOL 1180: Environmental Biology (2) - meets Life Science Requirement
- BIOL 1260: Introduction to Cell Biology (4) - meets Writing Intensive Requirement
- BIOL 1270: Introduction to Zoology (2) - partially meets Writing Research Requirement
- BIOL 1280: Introduction to Botany (2)
- BIOL 3180: Ecology (4)
- BIOL 4901: Comprehensive Examination (0)

Elective Courses:

BA degree: at least 22 semester hours

BS degree: at least 30 semester hours (4 of internship or directed research)

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| <ul style="list-style-type: none"><input type="checkbox"/> PHYS 1070: Climate Dynamics (2)<input type="checkbox"/> BIOL 2110: Economic Botany (2)<input type="checkbox"/> BIOL 2115: Prairie and Ranch Resources (2)<input type="checkbox"/> BIOL 2120: Ecology of the Boreal Forest (2)<input type="checkbox"/> BIOL 2125: Tropical Ecology of Costa Rica (2)<input type="checkbox"/> BIOL 2130: Ecology of Iceland (2)<input type="checkbox"/> BIOL 2155: Culture and Ecology of Asia (2)<input type="checkbox"/> BIOL 2160: Evolutionary Theories (2)<input type="checkbox"/> BIOL 3010: Ethics in Biology (2) <i>partially meets Ethical Reasoning requirement</i><input type="checkbox"/> BIOL 3150: Biodiversity and Evolution (4)<input type="checkbox"/> BIOL 3170: Native Wildflowers, Trees and Shrubs of the Great Lakes Region (4) | <ul style="list-style-type: none"><input type="checkbox"/> BIOL 3190: Ethology (4)<input type="checkbox"/> BIOL 3200: Natural History of the Vertebrates (4)<input type="checkbox"/> BIOL 3790: Advanced Topics in Botany (3-4)<input type="checkbox"/> BIOL 3890: Marine and Aquatic Biology (4)<input type="checkbox"/> BIOL 4950: AuSable Institute of Environmental Studies (4-8)<input type="checkbox"/> BIOL Internship and/Directed Research for BS (4)
(Biology Internship requires a GPA of 2.75 in biology courses at North Park, Biology Directed Research requires a GPA of 2.5 in biology courses at North Park) |
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Notes:

- Students must take and pass a national biology comprehensive exam the second semester of their fourth year.
- Students must receive a minimum passing grade during the last year prior to graduation

The Academic Planning Guide is designed as a guide for students planning their course selections. The information on this page provides only a suggested schedule. Actual course selections should be made with the advice and consent of a faculty advisor. While accurately portraying the information contained in the college catalog, this form is not considered a legal substitute for that document. Students should become familiar with the catalog in effect at the time in which they entered the institution.

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Core Curriculum

Starting with the framework of North Park's identity as a Christian, liberal arts institution, our Core Curriculum is intentionally multi-disciplinary and multi-year. It is set up as a progress through three areas: Foundation Courses, Explorations Courses, and Capstone Courses.

<http://www.northpark.edu/Academics/Undergraduate-Studies/Core-Curriculum>

Foundations

Preparing for more in-depth work in both the Core Curriculum and your major

Cornerstone Seminar (4sh)

Biblical Studies (4sh)

Health and Well-Being (2sh)

Analytical & Quantitative Reasoning (4sh)

Global Histories (4sh)

Modern Languages (8sh)

Explorations

Knowledge in specific disciplines, with strong emphasis on how you can use them in the context of your own life

Art and Aesthetics (2sh)

Christian Life & Thought (4sh)

Life Science (2sh/lab)
<i>met by BIOL 1180</i>

Physical Science (2sh/lab)
<i>met by CHEM 1150</i>

Culture and Society (4sh)

Ethical Reasoning (2sh)
<i>partially met by BIOL 3010 (elective course)</i>

Intermediate Level Writing

Two courses in the context of your major that specifically address writing clearly and doing effective research

Writing Intensive Course (4sh)
<i>met by BIOL 1260</i>

Research Writing Course (4sh)
<i>partially met by BIOL 1270</i>

Keystone

Interdisciplinary integration of skills and knowledge applied to contemporary social issues

Keystone Seminar (4sh)

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