

# ACADEMIC PLANNING SHEET

# ENVIRONMENTAL SCIENCE

NORTH PARK UNIVERSITY • CHICAGO • ILLINOIS

Revised June 2009

	Fall Semester		Spring Semester	
<b>First Year</b>	<ul style="list-style-type: none"> <li>•NPD 1000: Dialogue I</li> <li>•BIOL 1180: Environmental Science</li> <li>•Culture and Society Option</li> <li>•Mathematics Option</li> </ul>	4 2 4 4	<ul style="list-style-type: none"> <li>•BTS 1850: Introduction to the Bible</li> <li>•Personal Development Option</li> <li>•Fine Arts Option</li> <li>BIOL 1260: Intro. to Cell Biology Elective</li> </ul>	4 2 2 4 4
	<b>TOTAL SEMESTER HOURS</b>	<b>14</b>	<b>TOTAL SEMESTER HOURS</b>	<b>16</b>
<b>Second Year</b>	<ul style="list-style-type: none"> <li>•Foreign Language 1010 Option</li> <li>•CHEM 1150: Intro. to Chemistry I</li> <li>BIOL Elective</li> <li>Elective</li> </ul>	4 4 4 4	<ul style="list-style-type: none"> <li>•NPD 2000: Dialogue II (Environmental Ethics Section)</li> <li>•Foreign Language 1020 Option</li> <li>BIOL 1270/1280: Intro. to Zoology/Intro. to Botany</li> <li>CHEM 1160: Intro. to Chemistry II</li> </ul>	4 4 2/2 4
	<b>TOTAL SEMESTER HOURS</b>	<b>16</b>	<b>TOTAL SEMESTER HOURS</b>	<b>16</b>
<b>Third Year</b>	<ul style="list-style-type: none"> <li>•NPD 3000: Dialogue III</li> <li>•Biblical Studies Option</li> <li>BIOL Elective</li> <li>CHEM 1021/1031 Survey or Organic Chemistry/Survey of Biochemistry (BA) or CHEM 2310: Organic Chemistry (BA or BS)</li> </ul>	4 4 4 (2/2) or (4)	<ul style="list-style-type: none"> <li>BIOL Elective</li> <li>BIOL Elective</li> <li>CHEM 2510: Introductory Environmental Chemistry Elective</li> </ul>	4 4 4 4
	<b>TOTAL SEMESTER HOURS</b>	<b>16</b>	<b>TOTAL SEMESTER HOURS</b>	<b>16</b>
<b>Fourth Year</b>	<ul style="list-style-type: none"> <li>BIOL Elective</li> <li>Elective (BIOL Elective for BS)</li> <li>Elective</li> <li>Elective</li> </ul>	4 4 4 4	<ul style="list-style-type: none"> <li>BIOL Elective</li> <li>BIOL 4901: Comprehensive Examination</li> <li>Elective (BIOL Internship or Ind. Study for BS)</li> <li>Elective</li> <li>Elective</li> </ul>	2 0 4 4 4
	<b>TOTAL SEMESTER HOURS</b>	<b>16</b>	<b>TOTAL SEMESTER HOURS</b>	<b>14</b>

• Course meets a general education requirement

The Academic Planning Sheet 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 an academic 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.

**Graduation Requirement:**

120 semester hours, minimum

**General Education Requirements:**

44 semester hours

- The North Park Dialogue (12)
  - Dialogue I (4)
  - Dialogue II (4)
  - Dialogue III (4)
- Culture and Society (4)
- Personal Development (2)
- Biblical Studies (8)
  - BTS 1850 (4)
  - BTS option (4)
- Foreign Language (8)
  - 1010 Level (4)
  - 1020 Level (4)
- Mathematics (4)
- Fine Arts (2)
- Natural Science (4)
  - Biology (2) Met by major course BIOL 1250
  - Chemistry/Physics (2) Met by major course CHEM 1150

See General Education checklist for specific courses that will fulfill each requirement.  
<http://www.northpark.edu/generaleducation>

Some general education courses may meet course requirements for your major.

**Major Requirements:**

**Required Semester Hours:** BA: 52 semester hours  
 BS: 60 semester hours

**Prerequisites and Supporting Courses: 16 semester hours**

- CHEM 1150: Introduction to Chemistry I (4)
- CHEM 1160: Introduction to Chemistry II (4)
- CHEM 2510: Introductory Environmental Chemistry (4)

**Additional Graduation Requirements**

- Total of 120 semester hours, minimum. Additional courses may need to be taken to meet this requirement.
- Grade Point Average
  - Overall cumulative grade point average of 2.00
  - Cumulative grade point average in major of 2.00
- Last 30 semester hours must be taken at North Park
- Acceptance into the major

**Major Requirements cont:****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: 14 semester hours**

- BIOL 1180: Environmental Biology (2)
- BIOL 1260: Introduction to Cell Biology (4)
- BIOL 1270: Introduction to Zoology (2)
- BIOL 1280: Introduction to Botany (2)
- BIOL 4901: Comprehensive Examination (0)

One of the following:

- NPD 2000: Dialogue II (Environmental Ethics section strongly encouraged) (4)
- BIOL 4950: AuSable Institute of Environmental Studies (4)

**Elective Courses: BA: at least 22 semester hours****BS: at least 30 semester hours** (4 sh must be an internship or directed research)

- PHYS 1070: Climate Dynamics (2)
- BIOL 2110: Economic Botany (2)
- BIOL 2115: Prairie and Ranch Resources (2)
- BIOL 2120: Ecology of the Boreal Forest (2)
- BIOL 2125: Tropical Ecology of Costa Rica (2)
- BIOL 2130: Ecology of Iceland (2)
- BIOL 2160: Evolutionary Theories (2)
- BIOL 3170: Native Wildflowers, Trees and Shrubs of the Great Lakes Region (4)
- BIOL 3180: Ecology (4)
- BIOL 3190: Ethology (4)
- BIOL 3200: Natural History of the Vertebrates (4)
- BIOL 3790: Advanced Topics in Botany (3-4)
- BIOL 3890: Marine and Aquatic Biology (4)
- BIOL 4950: AuSable Institute of Environmental Studies (4-8)
- 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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