

ACADEMIC PLANNING GUIDE

ENVIRONMENTAL SCIENCE

NORTH PARK UNIVERSITY • CHICAGO • ILLINOIS

Revised July 2011

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

• Course meets a general education requirement

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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 3180: Ecology (4)
- 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 – Environmental Ethics (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 3150: Biodiversity and Evolution (4)
- BIOL 3170: Native Wildflowers, Trees and Shrubs of the Great Lakes Region (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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