

ACADEMIC PLANNING SHEET

CHEMISTRY

NORTH PARK UNIVERSITY • CHICAGO • ILLINOIS

Revised March 2010

	Fall Semester		Spring Semester	
First Year	<ul style="list-style-type: none"> •NPD 1000: Dialogue I •CHEM 1150: General Chemistry I •Culture and Society Option •Foreign Language 1010 Option (German recommended) 	4 4 4 4	<ul style="list-style-type: none"> •BTS 1850: Introduction to the Bible •Foreign Language 1020 Option II (German recommended) •Personal Development Option •Fine Arts Option CHEM 1160: General Chemistry 	4 4 2 2 4
	TOTAL SEMESTER HOURS	16	TOTAL SEMESTER HOURS	16
Second Year	<ul style="list-style-type: none"> •Mathematics Option (MATH 1510: Calculus I BS only) •Science Quad (BIOL course) CHEM 2310: Organic Chemistry I Elective Elective 	4 2 4 4 2	<ul style="list-style-type: none"> •NPD 2000: Dialogue II CHEM 2410: Analytical Chemistry CHEM 2320: Organic Chemistry II Elective (MATH 1520: Calculus II, BS only) 	4 4 4 4
	TOTAL SEMESTER HOURS	16	TOTAL SEMESTER HOURS	16
Third Year	<ul style="list-style-type: none"> •Biblical Studies Option CHEM 3250: Physical Chemistry: Thermodynamics & Kinetics (BS only) Elective (Physics requirement, BS only) Elective Elective 	4 4 4 4	<ul style="list-style-type: none"> •NPD 3000: Dialogue III Elective (CHEM 3260: Physical Chemistry: Quantum Chemistry and Spectroscopy, BS only) Elective (Physics requirement, BS only) Elective 	4 4 4 4
	TOTAL SEMESTER HOURS	16	TOTAL SEMESTER HOURS	16
Fourth Year	<ul style="list-style-type: none"> CHEM 2000+ Elective CHEM 3010 Elective Elective 	4 2 4 4	<ul style="list-style-type: none"> CHEM 2000+ Elective CHEM 3000+ Elective (BA only) Elective Elective 	4 4 4 4
	TOTAL SEMESTER HOURS	14	TOTAL SEMESTER HOURS	16

• 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.

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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) BS only: Met by major course MATH 1510

Fine Arts (2)

Natural Science (4)

Biology (2)

Chemistry/Physics (2) Met by major course CHEM 1150

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

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

Major Requirements:

**Required Semester Hours: BA: 34 semester hours
BS: 54 semester hours**

Prerequisites and Supporting Courses: 16 required hours; BA degree: recommended courses; BS degree: required courses

Math

MATH 1510: Calculus I (4)

MATH 1520: Calculus II (4)

Physics

PHYS 1110/1120: University Physics I and II (4/4)

or

PHYS 1210/1220: Introduction to Physics I or II (4/4)

**Required Core Courses: BA: 22 semester hours
BS: 30 semester hours**

CHEM 1150: General Chemistry I (4)

CHEM 1160: General Chemistry II (4)

CHEM 2310: Organic Chemistry I (4)

CHEM 2320: Organic Chemistry II (4)

CHEM 2410: Analytical Chemistry (4)

CHEM 3010: Seminar in Chemistry (2)

BS degree:

CHEM 3250: Physical Chemistry: Thermodynamics and Kinetics (4)

CHEM 3260: Physical Chemistry: Quantum Chemistry and Spectroscopy (4)

Major Elective Courses:

BA degree: 12 semester hours

Eight additional hours in Chemistry numbered 2000 and above and 4 additional hours in Chemistry numbered 3000 and above.

BS degree: 8 semester hours

Eight additional semester hours in chemistry numbered 2000 and above

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

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