

# ACADEMIC PLANNING SHEET

# PRE-PROFESSIONAL

(PHARMACY)

NORTH PARK UNIVERSITY • CHICAGO • ILLINOIS

Revised May 2010

The following planning sheet indicates **ONLY** the pre-professional courses. The student will need to refer to the Academic Planning Guide for the major they intend to pursue for more direction concerning general education requirements and major requirements.

	Fall Semester		Spring Semester	
<b>First Year</b>	•BIOL 1250: Introduction to Human Anatomy •SOC 1910: Introduction to Sociology General Education and/or Major Requirements	4 4 8 <hr/> 16	BIOL 1260: Introduction to Cell Biology BIOL 1270: Introduction to Zoology BIOL 1280: Introduction to Botany General Education and/or Major Requirements	4 2 2 8 <hr/> 16
<b>Second Year</b>	BIOL 2910: Microbiology •CHEM 1150: Introductory Chemistry I •ECON 2211: Principles of Microeconomics or ECON 2212: Principles of Macroeconomics General Education and/or Major Requirements	4 4 4 4 <hr/> 16	BIOL 2930: Advanced Human Physiology CHEM 1160: Introductory Chemistry II COMM 1910: Public Speaking General Education and/or Major Requirements	4 4 4 4 <hr/> 16
<b>Third Year</b>	CHEM 2310: Organic Chemistry I •*MATH 1510: Calculus I or STAT 1490: Statistics General Education and/or Major Requirements	4 4 8 <hr/> 16	BIOL or CHEM elective CHEM 2320: Organic Chemistry II General Education and/or Major Requirements (PCAT EXAM)	4 4 8 <hr/> 16
<b>Fourth Year</b>	BIOL or CHEM elective General Education and/or Major Requirements	4 12 <hr/> 16	BIOL or CHEM elective General Education and/or Major Requirements	4 12 <hr/> 16

• Course meets a general education requirement

\* Some schools require both Calculus and Statistics; consult your faculty advisor to discuss the option that is best for you. Prerequisite Math courses may be required in order to take these courses.

The University offers a pre-professional program in pharmacy. This program is not a major in the strict sense, but is a sequence of courses, which will establish an adequate foundation for entry into graduate professional study. Students who are contemplating entry into graduate professional programs in pharmacy will understand the increasingly competitive nature of this field. North Park provides advisory services and foundation courses, which enable its graduates to compete very favorably for entry into such graduate programs. Close contact with the University's pre-professional advisors should be maintained throughout the student's residence at North Park

### Notes:

- **Students should contact Dr. Jon Rienstra-Kiracofe (773) 244-5661 to discuss this pre-professional track before registering for classes**
- If the student is not a strong student in the sciences and considering majoring in Biology, they should start with Biology and begin the Chemistry sequence the second year
- If the student is not a strong student in the sciences and considering majoring in Chemistry, they should start with Chemistry and begin the Biology sequence the second year
- During the summer prior to the fourth year, the student should complete the PCAT (Pharmacy College Admissions Test).
- Physics should be taken in the summer between the second and third year

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) Met by pre-professional course BSE 2211 and/or SOC 1910
- 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 pre-professional course BIOL 1250
  - Chemistry/Physics (2) Met by pre-professional course CHEM 1150

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

**Pre-Professional Requirements: pharmacy****Core Science Courses:**

- BIOL 1250: Introduction to Human Anatomy (4)
- BIOL 1260: Introduction to Cell Biology (4)
- BIOL 1270: Introduction to Zoology (2)
- BIOL 1280: Introduction to Botany (2)
- BIOL 2910: Microbiology (4)
- BIOL 2930: Advanced Human Physiology (4)
- CHEM 1150: Introduction to Chemistry I (4)
- CHEM 1160: Introduction to Chemistry II (4)
- CHEM 2310: Organic Chemistry I (4)
- CHEM 2320: Organic Chemistry II (4)
- PHYS 1210: Introductory Physics I (4)
- PHYS 1220: Introductory Physics II (4)

**Core Non-Science Courses**

- BSE 2211: Principles of Microeconomics (4) or BSE 2212: Principles of Macroeconomics (4)
- COMM 1910: Public Speaking (4)
- MATH 1510: Calculus I and/or STAT 1490: Statistics (4)
- PSYC 1000: Introduction to Psychology (4)
- SOC 1910: Introduction to Sociology (4)

**Note:**

- English Composition is covered in NPD 1000 and NPD 2000.
- Some schools require both Calculus and Statistics; consult your faculty advisor to discuss the option that is best for you. Prerequisite Math courses may be required in order to take these courses.

**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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