Academic Planning Guide - Pre Professional: Pharmacy

North Park University

effective with 2015-2016 Catalog

This planning guide 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 core curriculum and major requirements.

Pre-Professional Requirements: Pharmacy

Required Semester Hours **: 66 semester hours, minimum**

Core Science Courses:

- [ ] BIOL 1250: Introduction to Human Anatomy (4) - *meets Life Science Requirement*
- [ ] BIOL 1260: Cell Biology (4)
- [ ] BIOL 1270: Introduction to Zoology (4)
- [ ] BIOL 1280: Introduction to Botany (2)
- [ ] BIOL 2910: Microbiology (4)
- [ ] BIOL 2930: Advanced Human Physiology (4)
- [ ] CHEM 1150: Introduction to Chemistry I (4) - *meets Physical Science Requirement*
- [ ] CHEM 1160: Introduction to Chemistry II (4)
- [ ] CHEM 2310: Organic Chemistry I (4)
- [ ] CHEM 2320: Organic Chemistry II (4)
- [ ] PHEN 1210: Introductory Physics I (4)
- [ ] PHEN 1220: Introductory Physics II (4)

Core Non-Science Courses:

- [ ] BSE 2211 or BSE 2212: Principles of Macroeconomics or Principles of Microeconomics (4)
- [ ] COMM 1910: Public Speaking (4)
- [ ] MATH 1510 or STAT 1490: Calculus I or Introductory Statistics (4) - *meets Analytical & Quantitative Requirement*
- [ ] PSYC 1000: Introduction to Psychology (4)
- [ ] SOC 1910: Introduction to Sociology (4)

Notes:

The University offers pre-professional programs in pharmacy. These programs are not major areas in the strict sense, but are 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 the health fields 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 enrollment at North Park.

Students should contact Dr. Jon Rienstra-Kiracofe 773-244-5661 to discuss the pre-professional track before registering for classes.

English Composition is covered in NPD 1000 and Writing Intensive and Writing Research courses are Core Curriculum requirements.

Some Pharmacy 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.

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 PCAT (Pharmacy College Admissions Test).

Physics should be taken in the summer between the second and third year.

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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) *met by MATH 1510 or STAT 1490*
	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) *met by BIOL 1250*
	Physical Science (2sh/lab) *met by CHEM 1150*
	Culture and Society (4sh) *met by SOC 1910*
	Ethical Reasoning (2sh)

Intermediate Level Writing

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

	Writing Intensive Course (4sh) *met by BIOL 1260*
	Research Writing Course (4sh) *met by BIOL 1270*

Keystone

Interdisciplinary integration of skills and knowledge applied to contemporary social issues

	Keystone Seminar (4sh)

The Academic Planning Guide is designed as a guide for students planning their course selec-tions. The information on this page provides only a suggested schedule. Actual course selec-tions should be made with the advice and consent of a faculty advisor. While accurately portraying the information contained in the university 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.