ACADEMIC PLANNING GUIDE — PRE-PROFESSIONAL

(DENTISTRY, MEDICINE, OPTOMETRY & VETERINARY SCIENCE)

NORTH PARK UNIVERSITY • CHICAGO • ILLINOIS

Revised July 2012

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

	Fall Semester		Spring Semester	
First Year	•BIOL 1250: Introduction to Human Anatomy General Education and/or Major Requirements	4 12	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
	TOTAL SEMESTER HOURS	**16**	**TOTAL SEMESTER HOURS**	**16**
Second Year	BIOL 2910, 3140, 3510 or 3220 •CHEM 1150: Introductory Chemistry I General Education and/or Major Requirements	4 4 8	BIOL 2930: Advanced Human Physiology CHEM 1160: Introductory Chemistry II General Education and/or Major Requirements	4 4 8
	TOTAL SEMESTER HOURS	**16**	**TOTAL SEMESTER HOURS**	**16**
Third Year	BIOL 2910, 3140, 3510 or 3220 CHEM 2310: Organic Chemistry I General Education and/or Major Requirements	4 4 8	BIOL 3210 or 3230: Genetics or Molecular Biology CHEM 2320: Organic Chemistry II General Education and/or Major Requirements (MCAT, DAT, OAT or VAT EXAM)	4 4 8
	TOTAL SEMESTER HOURS	**16**	**TOTAL SEMESTER HOURS**	**16**
Fourth Year	BIOL elective General Education and/or Major Requirements	4 12	BIOL elective General Education and/or Major Requirements	4 12
	TOTAL SEMESTER HOURS	**16**	**TOTAL SEMESTER HOURS**	**16**

• Course meets a general education requirement

The University offers pre-professional programs in dentistry, medicine, optometry and veterinary science. These programs are not major areas in the strict sense, but are sequences 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 residence at North Park

Notes:

- **Students should contact Dr. Jeff Nelson (773) 244-5658 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 AMCAS (American Medical College Application Service) or AADSAS (American Association of Dental Schools Application Service). Students interested in optometry, podiatry and veterinary medicine should apply directly to the schools of their choice.
- Physics should be taken in the summer between the second and third year.

The Academic Planning Guide 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 a faculty 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)
- ☐ 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: dentistry, medicine, optometry and veterinary science

***Core 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 2930: Advanced Human Physiology (4)

One of:

- ☐ BIOL 3210: Genetics (4)
- ☐ BIOL 3230: Molecular Biology (4)

Select 2 from:

- ☐ BIOL 2910: Microbiology (4)
- ☐ BIOL 3140: Histology (4)
- ☐ BIOL 3510: Embryology (4)
- ☐ BIOL 3520: Comparative Anatomy (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) (Pre-Dent, Med & Vet)
- ☐ PHYS 1210: Introductory Physics I (4)
- ☐ PHYS 1220: Introductory Physics II (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

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