Academic Planning Guide - Biology

North Park University

effective with 2014-2015 Catalog

Major Requirements

Required Semester Hours **: BA: 48 semester hours**
BS: 56 semester hours

Prerequisites and Supporting Courses **: 12 semester hours**

BA degree: 12 semester hours

- [ ] CHEM 1150: Introduction to Chemistry I (4) - *meets Physical Science Requirement*
- [ ] CHEM 1160: Introduction to Chemistry II (4)

one of the following:

- [ ] CHEM 1021/1031: Survey of Organic Chemistry (2)/ Survey or Biochemistry (2)
- [ ] CHEM 2310: Organic Chemistry (4)

BS degree: 12 semester hours

- [ ] CHEM 1150: Introduction to Chemistry I (4) - *meets Physical Science requirement*
- [ ] CHEM 1160: Introduction to Chemistry II (4)
- [ ] CHEM 2310: Organic Chemistry (4)

Required Core Courses **: 20 semester hours**

- [ ] BIOL 1250: Introduction to Human Anatomy (4) - *meets Life Science Requirement*
- [ ] BIOL 1260: Introduction to Cell Biology (4) - *meets Writing Intensive designation*
- [ ] BIOL 1270: Introduction to Zoology (2) - *partially meets the Writing Research designation*
- [ ] BIOL 1280: Introduction to Botany (2)
- [ ] BIOL 3210: Genetics (4) or BIOL 3230: Molecular Biology (4)
- [ ] BIOL 3180: Ecology (4), BIOL 3190: Ethology (4) or BIOL 3150: Biodiversity and Evolution (4)
- [ ] BIOL 4901: Comprehensive Examination (0)

Elective Courses:

BA degree:

- [ ] at least 16 semester hours of Biology courses above 2100

BS degree:

- [ ] at least 24 semester hours of Biology courses above 2100
  Eight upper division courses must include 4 sh of internship and/or directed research or honors research.
  (Biology Internship requires a GPA of 3.00 in biology courses at North Park, Biology Directed Research requires a GPA of 2.5 in biology courses at North Park)

Notes:

- No more than a total of 8 sh of BIOL 2100 or BIOL 4020 can apply to the major.
- Students must take and pass a national biology comprehensive exam the second semester of their fourth year.
- Students must receive a minimum passing grade during the last year prior to graduation

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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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)
	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)
	Culture and Society (4sh)
	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) *partially met by BIOL 1270*

Keystone

Interdisciplinary integration of skills and knowledge applied to contemporary social issues

	Keystone Seminar (4sh)

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