

BIOL 3230: Molecular Biology (4)

ACADEMIC PLANNING GUIDE - BIOCHEMISTRY

effective with 2017-2018 Catalog

MAJOR REQUIREMENTS						
	101772					
Required Semester Hours:	BA: 42 semester hours BS: 66 semester hours					
	thematics (4) - meets Analytical & Quantitative Reasoning Requirement					
BIOL 1260: Introduction to Cell Biology (4) - meets Writing Intensive Requirement						
BS: 20 semester hours MATH 1510: Calculus I (4) - meets Analytical & Quantitative Reasoning Requirement MATH 1520: Calculus II (4) BIOL 1260: Introduction to Cell Biology (4) - meets Writing Intensive Requirement						
Select one of the following Physic option 1: PHYS 1110: College Physics summer term) PHYS 1120: College Physics summer term)	option 2: I (4) (offered only during the PHYS 1210: Introductory Physics I (4) (offered only during the academic year)					
CHEM 1160: General Chemis CHEM 2310: Organic Chemis CHEM 2320: Organic Chemis BS Only: CHEM 2160: Inorganic Chemi	CHEM 3010: Chemistry Ethics, Skill, and Professional Practices (2) - meets Ethical Reasoning Requirement CHEM 3330: Biochemistry (4) CHEM 3340: Advanced Biochemistry (4) Stry (4) CHEM 4020: Chemistry Seminar Series (0), must be taken					
CHEM 3250: Physical Chemistry - Thermodynamics and Kinetics 3 times pass/fail or CHEM 3260: Physical Chemistry - Quantum Chemistry and Spectroscopy						
Tenent television enemony distribution, and epothology						
Electives: BA: 4 semester hours - one of t BS: 8 semester hours - two of t Chemistry courses numbered BIOL 3210: Genetics (4)	he following (one CHEM, one BIOL)					

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.



ACADEMIC PLANNING GUIDE - BIOCHEMISTRY

effective with 2017-2018 Catalog

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

Cornerstone Seminar (4sh) Art and Aesthetics (2sh)	can
Health and Well-Being (2sh) Life Science (2sh/lab) Analytical & Quantitative Reasoning (4sh) met by MATH 1150 (BA only) or MATH 1510 (BS only) Global Histories (4sh) Culture and Society (4sh)	
Health and Well-Being (2sh) Life Science (2sh/lab) Analytical & Quantitative Reasoning (4sh) met by MATH 1150 (BA only) or MATH 1510 (BS only) Global Histories (4sh) Culture and Society (4sh)	
Analytical & Quantitative Reasoning (4sh) Met by MATH 1150 (BA only) or MATH 1510 (BS only) Global Histories (4sh) Physical Science (2sh/lab) Met by CHEM 1150 Culture and Society (4sh)	
Analytical & Quantitative Reasoning (4sh) Met by MATH 1150 (BA only) or MATH 1510 (BS only) Global Histories (4sh) Physical Science (2sh/lab) Met by CHEM 1150 Culture and Society (4sh)	
met by MATH 1150 (BA only) or MATH 1510 (BS only) [Global Histories (4sh)] [Culture and Society (4sh)]	
met by MATH 1150 (BA only) or MATH 1510 (BS only) [Global Histories (4sh)] [Culture and Society (4sh)]	
Global Histories (4sh) Culture and Society (4sh)	
Madaw Law 1001)	
Madem Leaves and (Oct.)	
Modern Languages (8sh) Ethical Reasoning (2sh)	
met by CHEM 3010	
Intermediate Level Writing	
Two courses in the context of your major that specifically address writing clearly and doing effective research	
Writing Intensive Course (4sh) Research Writing Course (4sh)	
met by BIOL 1260 met by CHEM 3330	
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 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.