Academic Planning Guide - Chemistry

North Park University

effective with 2014-2015 Catalog

Major Requirements				
•	semester hours semester hours			
Prerequisites and Supporting Courses:				
BA: 4 semester hours MATH 1150: Pre-Calculus Mathematic	s (4) - meets Analytical &	Quantitative Reasoning Requirement		
BS: 16 semester hours MATH 1510: Calculus I (4) - meets Analytical & Quantitative Reasoning Requirement MATH 1520: Calculus II (4)				
Select one of the following options:				
option 1: PHYS 1110: College Physics I (4) (offer summer term) PHYS 1120: College Physics II (4) (offer summer term)	, ,	option 2: PHYS 1210: Introductory Physics I (4) (offered only during the academic year) PHYS 1220: Introductory Physics II (4) (offered only during the academic year)		
	semester hours			
CHEM 1150: General Chemistry I (4) Science Requirement CHEM 1160: General Chemistry II (4) CHEM 2310: Organic Chemistry I (4) CHEM 2320: Organic Chemistry II (4)	semester hours - meets Physical	CHEM 2410: Analytical Chemistry (4) CHEM 3010: Chemistry Ethics, Skill, and Professional Practices (2) - meets Ethical Reasoning Requirement CHEM 4020: Chemistry Seminar Series (0), must be taken 3 times pass/fail		
CHEM 3250: Physical Chemistry: The Kinetics (4) (required for BS only)	rmodynamics and	CHEM 3260: Physical Chemistry: Quantum Chemistry and Spectroscopy (4) (required for BS only)		
Electives:				
BA: 12 semester hours Chemistry courses numbered 2000 and Chemistry courses numbered 2000 and Chemistry courses numbered 3000 and Chemistry courses numbered 3000 and Chemistry courses numbered 3000 and Chemistry courses	d above (4)			
BS: 8 semester hours Chemistry courses numbered 2000 and	` ,			

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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

Fo	oundations	Explorations			
	eparing for more in-depth work in both the Core Curriculum d your major	Knowledge in specific disciplines, with strong emphasis on how you car use them in the context of your own life			
	Cornerstone Seminar (4sh)	Art and Aesthetics (2sh)			
	Biblical Studies (4sh)	Christian Life & Thought (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)	Physical Science (2sh/lab) met by CHEM 1150			
	Global Histories (4sh)	Culture and Society (4sh)			
	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)			
	Keys Interdisciplinary integration of skills and know				
	Keystone Seminar (4sh)				

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