

BIOCHEMISTRY PRE-MAJOR PATHWAY

Nicolet College
University Transfer Liberal Arts Associate of Science
to
University of Wisconsin-Stevens Point
College of Letters and Science
Department of Chemistry - B.S. in Biochemistry

NICOLET COLLEGE ASSOCIATE OF SCIENCE DEGREE		UNIVERSITY OF WISCONSIN-STEVENS POINT EQUIVALENCY			
ENGLISH (6 credits)					
20-801-219 English Composition I or 10-801-195 Written Communication (B or better)	3	ENGL 101	Freshman English	3	WC
20-801-223 English Composition II	3	ENGL 202	Sophomore English	3	WC
SPEECH (3 credits)					
20-810-201 Fundamentals of Speech	3	COMM 101	Fundamentals Oral Communications	3	CT
HUMANITIES (6 credits) <i>Must include courses in at least two disciplines: art, history, journalism/writing, literature, music, philosophy, theatre/film, world language</i>					
Any transferable humanities course	3		ART/HP/HU/SS; GA/USD/ER	3	
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SOCIAL SCIENCE (6 credits) <i>Must include courses in at least two disciplines: anthropology, economics, geography, history, political science, psychology, sociology</i>					
Any social science course*	3		ART/HP/HU/SS; GA/USD/ER	3	
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MATHEMATICS AND NATURAL SCIENCE (20 credits) <i>Mathematics at the level of Algebra for Calculus or higher. Must include two lab sciences from at least two disciplines: biology, chemistry, geography, geology, and physics</i>					
20-804-236 Calculus & Analytic Geometry I	5	MATH 225	Calculus I	5	QL
20-806-209 General Botany	5	BIOL 130	Introduction to Plant Biology@	5	NSC
20-806-213 General Zoology	5	BIOL 160	Introduction to Animal Biology@	5	NSC
20-806-245 College Chemistry I	5	CHEM 105	Fundamentals Chemistry	5	NSC
HEALTH/WELLNESS/PHYSICAL EDUCATION (1 credit)					
Any 807 course	1		Wellness (WLN)	1	WLN
DIVERSITY/ETHNIC STUDIES <i>Courses that meet this requirement may also count toward Humanities or Social Science and are not in addition to the 60 credits required for the degree</i>					
Satisfied in HUM/SS	0			0	
WORLD LANGUAGE (4 credits) <i>May be satisfied with one year high school, with a grade of "C" or better, or one semester in college.</i>					
	0-4			0-4	
ELECTIVES (14-18 credits) <i>Select any college transfer courses beyond the minimum requirements. One course of health/wellness/PE beyond the degree requirement may be selected</i>					
20-806-249 College Chemistry II	5	CHEM 106	Fundamentals Chemistry	5	NSC
20-806-276 Physics I & 20-806-280 Physics II or 20-806-286 Physics I Calc Ba & 20-806-287 Physics II Calc Based	8-10	PHYS 203/204 or PHYS 240/250	College Physics I and II or University Physics I and II	8-10	

Additional Electives	0-5			0-5
Total transferable credits:	60		Total credits accepted:	60

@In the event that UWSP's BIOL 160/BIOL 130 requirement changes due to curriculum updates, Nicolet College's 806-209/806-213 will always be accepted as satisfying the intended Biology Pre-major pathway requirement.

*Recommended social science courses for pre-professional programs:

- 20-809-251 Intro to Psychology (Pre-Chiropractic, Pre-Medical, Pre-Mortuary, Pre-Optometry, Pre-Physician Assistant)
- 20-809-252 Developmental Psychology (Pre-Dental, Pre-Optometry)
- 20-809-271 Introductory Sociology (Pre-Medical, Pre-Mortuary)

**Recommended elective courses for pre-professional programs:

- 20-804-230 Statistics (Pre-Medical, Pre-Mortuary, Pre-Optometry, Pre-Physician Assistant, Pre-Veterinary)
- 10-501-101 Medical Terminology (Pre-Mortuary)

Remaining Coursework Required at UW Stevens Point to earn a B.S. in Biochemistry:

Per UW System Administrative Policy 135(IV.2) UW System Undergraduate Transfer Policy, *In cases where WTCS liberal arts/collegiate transfer programs award associate of arts/associate of science degrees that specifically align with the associate degrees awarded by UW institutions, the UW baccalaureate-granting institutions shall consider students holding such a degree to have satisfied the university-wide general education/breadth requirements at the receiving institution.*

Course#	Course	Crs
BIOL 210	Principles of Genetics	3
BIOL 314	Cell Biology	4
BIOL 320	Molecular Biology	4
CHEM 248	Quantitative Analysis	4
CHEM 325	Organic Chemistry	4
CHEM 326	Organic Chemistry	4
CHEM 333	Biophysical Chemistry	3
CHEM 365	Biochemistry I	4
CHEM 366	Biochemistry II	3
BIOL 490 or BIOL 495 or CHEM 495	Senior Seminar or Capstone Undergrad Research Experience or Capstone Undergrad Research Experience or	2
	Required Electives	8
	Major or Minor electives	18
		61

Sample Graduation Plan Biochemistry B.S.

JUNIOR YEAR			
Fall		Spring	
BIOL 210 Principles of Genetics	3	CHEM 326 Organic Chem II	4
CHEM 325 Organic Chem I	4	CHEM 248 Quant Analysis^	4
Major or Minor electives	3	BIOL Elective	4
Major or Minor electives	3	Major or Minor electives	3
Major or Minor electives	3		
	16		15
SENIOR YEAR			
Fall		Spring	
BIOL 314 Cell Biology I	4	CHEM 366 Biochemistry II	3
CHEM 365 Biochem I	4	CHEM 333 Biophysical Chem	3
BIOL 320 Molecular Biology	4	BIO Elective	4
Major or Minor electives	3	BIOL/CHEM 495 or BIOL 490	2
		Major or Minor electives	3
	15		15

^May be taken in the summer if offered.

Students planning to transfer should work closely with their Nicolet Success Coach and transfer personnel at UWSP for the most current information.