



This graduation plan illustrates the type of curriculum a new student would take to complete a degree in four years. It is not meant to serve as an official document. Students should contact their academic advisor to develop a personalized plan of study. Refer to the University Catalog for a complete list of requirements: <https://catalog.uwsp.edu/>.

This plan assumes placement into English 101/202 and Math 111/225.

Semester 1			Credits	Semester 2			Credits		
BIOL 110	Principles of Biology I (NSC)	5		BIOL 111	Principles of Biology II (NSC)	5			
BIOL 190	Introduction to the Biology Major (Fa)	1		CHEM 106	Fundamental Chemistry II (NSC)	5			
CHEM 105	Fundamental Chemistry I (NSC)	5		‡GEN ED	ART/HP/HU/SS; ER/GA/USD	3			
ENGL 101	Academic Reading and Writing (WC)	3		GEN ED	ART/HP/HU/SS; ER/GA/USD	3			
GEN ED	Wellness (WLN)	2							
			Total credits	16				Total credits	16
Semester 3			Credits	Semester 4			Credits		
BIOL 210	Principles of Genetics	3		BIOL 270	Principles of Evolution	4			
CHEM 221 AND	Survey of Organic Chemistry (Fa)			MATH 111 OR	Applied Calculus (QL)	(4)			
CHEM 222 OR	Survey of Organic Chemistry Lab (Fa)			MATH 225 OR	Calculus I (QL)	(5)			
CHEM 325	Organic Chemistry I	4		MATH 255	Elementary Statistical Methods (QL)	(4)			
ENGL 202	Academic Writing and Research (WC)	3		GEN ED OR	Critical Thinking (CT)	(3)			
GEN ED	ART/HP/HU/SS; ER/GA/USD	3		BIOL 107	Exploring Biol: Intro Sci Inquiry (CT; Sp)	(4)			
GEN ED	ART/HP/HU/SS; ER/GA/USD	3		GEN ED	ART/HP/HU/SS; ER/GA/USD	3			
			Total credits	16				Total credits	14-16
Semester 5			Credits	Semester 6			Credits		
BIOL 305	General Ecology	3		BIOL 302 OR	Cellular and Molecular Biology	^(3)			
BIOL 306	Ecological Methods	1		BIOL 320	Molecular Biology (Sp)	^(4)			
BIOL 314 OR	Cell Biology (Fa)	^(4)		BIOL 351 OR	Plant Physiology (Sp)				
BIOL	Elective	*(3-4)		BIOL 381 OR	Animal Physiology				
GEN ED	ART/HP/HU/ SS; ER/GA/USD	3		BIOL 385	Human Physiology	4			
GEN ED	Gen Ed, Major, or Minor electives	#sum 3-4		GEN ED	ART/HP/HU/SS; ER/GA/USD	3			
			Total credits	13-15				Total credits	13-17
Semester 7			Credits	Semester 8			Credits		
BIOL	Electives	*sum 6-8		BIOL 490	Senior Seminar	2			
GEN ED	Gen Ed, Major, or Minor elective	#sum 5-6		BIOL	Electives	*sum 4-6			
GEN ED	ART/HP/HU/SS; ER/GA/USD	3		GEN ED	Gen Ed, Major, or Minor Electives	#sum 8-9			
			Total credits	14-17				Total credits	14-17
							Total Credits	#120	

(Fa) = offered fall semesters, (Sp) = offered spring semesters, (Su) = offered summer semesters

General Education Program (GEP) categories w/credits & abbreviations (‡courses may fulfill >1 GEP category, consult with your advisor; placement scores impact certain credits):

Foundational Skills & Dispositions = 3cr Oral Communication/Critical Thinking (CT), 0-3cr Quantitative Literacy (QL), Wellness ≥1cr (WLN), 3-6cr Written Communication (WC)

Human Cultures & Sciences (min 3cr—max 9cr each, 24cr total) = Arts (ART), Historical Perspectives (HP), Humanities (HU), Natural Sciences (NSC), Social Sciences (SS)

Social & Environmental Responsibility (3cr each) = Environmental Responsibility (ER), Global Awareness (GA), U.S. Diversity (USD)

^The Cellular and Molecular Biology requirement consists of either BIOL 302, OR both BIOL 314 AND BIOL 320; the latter combination applies *5 credits toward Biology electives

#A minimum of 120 credits are required for graduation, 32 of which must be at a level ≥300; *16 elective credits in Biology, along with a minimum of 13-18 core credits, will already be completed at this level with a Biology major; credit numbers listed per term serve only as guidelines, as they will vary depending upon electives chosen



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This plan assumes placement into English 101/202 and Math 118.

Semester 1			Semester 2		
		Credits			Credits
BIOL 110	Principles of Biology I (NSC)	5	BIOL 111	Principles of Biology II (NSC)	5
BIOL 190	Introduction to the Biology Major (Fa)	1	CHEM 106	Fundamental Chemistry II (NSC)	5
CHEM 105	Fundamental Chemistry I (NSC)	5	MATH 119	Pre-Calculus Trigonometry	2
MATH 118	Pre-Calculus Algebra (QL)	4	ENGL 101	Academic Reading and Writing (WC)	3
		Total credits			Total credits
		15			15
Semester 3			Semester 4		
		Credits			Credits
BIOL 210	Principles of Genetics	3	BIOL 270	Principles of Evolution	4
CHEM 221 AND	Survey of Organic Chemistry (Fa)		MATH 111 OR	Applied Calculus (QL)	(4)
CHEM 222 OR	Survey of Organic Chemistry Lab (Fa)		MATH 225 OR	Calculus I (QL)	(5)
CHEM 325	Organic Chemistry I	4	MATH 255	Elementary Statistical Methods (QL)	(4)
ENGL 202	Academic Writing and Research (WC)	3	GEN ED OR	Critical Thinking (CT)	(3)
GEN ED	Wellness (WLN)	2	BIOL 107	Exploring Biol: Intro Sci Inquiry (CT; Sp)	(4)
‡GEN ED	ART/HP/HU/SS; ER/GA/USD	3	GEN ED	ART/HP/HU/SS; ER/GA/USD	3
		Total credits			Total credits
		15			14-16
Semester 5			Semester 6		
		Credits			Credits
BIOL 305	General Ecology	3	BIOL 302 OR	Cellular and Molecular Biology	^(3)
BIOL 306	Ecological Methods	1	BIOL 320	Molecular Biology (Sp)	^(4)
BIOL 314 OR	Cell Biology (Fa)	^(4)	BIOL 351 OR	Plant Physiology (Sp)	
BIOL	Elective	*(3-4)	BIOL 381 OR	Animal Physiology	
BIOL	Elective	*sum 3-4	BIOL 385	Human Physiology	4
GEN ED	ART/HP/HU/SS; ER/GA/USD	3	GEN ED	ART/HP/HU/SS; ER/GA/USD	3
		Total credits			Total credits
		13-15			14-17
Semester 7			Semester 8		
		Credits			Credits
BIOL	Elective	*sum 4-6	BIOL 490	Senior Seminar	2
GEN ED	ART/HP/HU/SS; ER/GA/USD	3	BIOL	Elective	*sum 3-4
GEN ED	ART/HP/HU/SS; ER/GA/USD	3	GEN ED	ART/HP/HU/SS; ER/GA/USD	3
GEN ED	Gen Ed, Major, or Minor elective	#sum 4-5	GEN ED	ART/HP/HU/SS; ER/GA/USD	3
		Total credits			Total credits
		14-17			14-16
					Total Credits #120

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Semester 1			Semester 2		
		Credits			Credits
BIOL 190	Introduction to the Biology Major (Fa)	1	BIOL 110	Principles of Biology I (NSC)	5
MATH 95	Intermediate Algebra	2	CHEM 105	Fundamental Chemistry I (NSC)	5
MATH 107	Algebra for Pre-Calculus	2	MATH 118	Pre-Calculus Algebra (QL)	4
ENGL 101	Academic Reading and Writing (WC)	3	GEN ED	Wellness (WLN)	2
‡GEN ED	ART/HP/HU/SS; ER/GA/USD	3			
GEN ED	ART/HP/HU/SS; ER/GA/USD	3			
		Total credits			Total credits
		14			16
Semester 3			Semester 4		
		Credits			Credits
BIOL 111	Principles of Biology II (NSC)	5	BIOL 210	Principles of Genetics	3
CHEM 106	Fundamental Chemistry II (NSC)	5	GEN ED OR	Critical Thinking (CT)	(3)
MATH 119	Pre-Calculus Trigonometry	2	BIOL 107	Exploring Biol: Intro Sci Inquiry (CT; Sp)	(4)
ENGL 202	Academic Writing and Research (WC)	3	GEN ED	ART/HP/HU/SS; ER/GA/USD	3
			GEN ED	ART/HP/HU/SS; ER/GA/USD	3
			GEN ED	ART/HP/HU/SS; ER/GA/USD	3
		Total credits			Total credits
		15			15-16
Semester 5			Semester 6		
		Credits			Credits
BIOL	Elective	*sum 3-4	BIOL 270	Principles of Evolution	4
CHEM 221 AND	Survey of Organic Chemistry (Fa)		BIOL 351 OR	Plant Physiology (Sp)	
CHEM 222 OR	Survey of Organic Chemistry Lab (Fa)		BIOL 381 OR	Animal Physiology	
CHEM 325	Organic Chemistry I	4	BIOL 385	Human Physiology	4
MATH 111 OR	Applied Calculus (QL)	(4)	BIOL	Elective	*sum 3-4
MATH 225 OR	Calculus I (QL)	(5)	GEN ED	ART/HP/HU/SS; ER/GA/USD	3
MATH 255	Elementary Statistical Methods (QL)	(4)			
GEN ED	ART/HP/HU/SS; ER/GA/USD	3			
		Total credits			Total credits
		14-16			14-15
Semester 7			Semester 8		
		Credits			Credits
BIOL 305	General Ecology	3	BIOL 302 OR	Cellular and Molecular Biology	^(3)
BIOL 306	Ecological Methods	1	BIOL 320	Molecular Biology (Sp)	^(4)
BIOL 314 OR	Cell Biology (Fa)	^(4)	BIOL 490	Senior Seminar	2
BIOL	Elective	*(3-4)	BIOL	Elective	*sum 3-6
GEN ED	ART/HP/HU/SS; ER/GA/USD	3	GEN ED	Gen Ed, Major, or Minor elective	#sum 4-5
GEN ED	Gen Ed, Major, or Minor elective	#sum 3-4			
		Total credits			Total credits
		13-15			12-17
					Total Credits
					#120

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