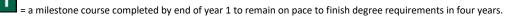


Northwest Missouri State University Department of Natural Sciences Wildlife Ecology & Conservation Comprehensive Major – No Minor Required Bachelor of Science

Term 1	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
77-101	University Seminar	The requisite	1	Willestolle/Notes
04-106/107	Principles of Biology & Lab		4	
24-114/115	General Chemistry I & Lab		4	
10-111	Composition I		3	If ACT >=27 may take
10-111	Composition		,	ENGL 10115 Accl Comp
17-116 OR	Mathematical Modeling OR	Precalculus Algebra: ACT	3-5	Additional math options –
17-118 OR	Precalculus Algebra OR	Math score of 22 or		check with advisor
17-117 OR	Precalculus OR	higher, PASS score on NW		
17-120	Calculus I	Algebra Review or		
		concurrent with Strategies		
		for Precalculus Algebra		
		Total Hours	15-17	
Term 2	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
	Civics		3	
04-112/113	General Botany	Principles of Biology & Lab	4	
24-116/117	General Chemistry II & Lab	General Chemistry I & Lab	5	
10-112	Composition II	Composition I	3	If ACT >=27 may take
		·		CORE 90203
		Total Hours	15	
Term 3	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
32-207 OR 32-201	GPS Fundamentals OR Maps and Spatial Reasoning		3	Suggested Elective
04-114/115	General Zoology & Lab	Principles of Biology & Lab	4	
24-110/111 OR	General Physics I & Lab OR	Mathematical Modeling	4	
25-112/113	General Physics II & Lab	OR Precalculus OR		
		Precalculus Algebra OR		
		Calculus I		
17-114	General Statistics	ACT Math Score of 22 or	3	
		higher, high school GPA		
		3.0 or higher OR		
		concurrent enrollment in		
		Strategies for General		
		Statistics	4.4	
_		Total Hours	14	
Term 4	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
10.330	Humanities		3	
10-220	Intro to Literature	Deinsials of City	3	
04-350	Genetics	Principles of Biology & Lab	4	CDDING ODD VEAD CAUX
17-318	Linear Statistical Models II	General Statistics OR	3	SPRING ODD YEAR ONLY
04.140.00	Conoral Migrahiology OR	Probability and Statistics	4	Suggested Elective
04-140 OR	General Microbiology OR	General Biology & Lab OR	4	
04-310	Cell Biology	Principles of Biology & Lab AND General Chemistry I &		
		Lab		
		Lau	l	



= a milestone course completed by end of year 2 to remain on pace to finish degree requirements in four years.

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= a milestone courses taken in final year to complete degree requirements.



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		Cell Bio also recommends		
		Organic Chemistry I & Lab		
		Total Hours	17	
Term 5	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
03-382	Woody Landscape Plants	Plant Science OR General	3	Recommended to take
		Botany & Lab		Summer Trimester
		Total Hours	3	
Term 6	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
	Civics		3	
04-261	Local Flora	General Botany & Lab	2	FALL ONLY course
04-376	Basic Ecology	General Botany & Lab AND	4	
		General Zoology & Lab		
32-365	Geographic Information Systems	Maps & Spatial Reasoning	3	
		OR Junior Standing		
04-312 OR	Invertebrate Zoology OR	Invert: General Zoology &	3	Invertebrate Zoology is a
04-366	Entomology	Lab		SPRING ONLY course
		Entomology: General		Entomology is a FALL
		Botany & Lab AND General		ONLY course
		Zoology & Lab		
		Total Hours	12-15	
Term 7	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
29-102	Fundamentals of Oral Communication		3	
04-348	Biological Evolution & Diversity	General Botany & Lab AND	2	
		General Zoology & Lab		
04-364	Ornithology	General Botany AND	4	SPRING ONLY course
		General Zoology & Lab		
04-330	Animal Anatomy & Physiology	General Botany & Lab AND	4	Suggested Physiology
		General Zoology & Lab		course. Check with
				advisor for other options
				Animal A&P – SPRING
				ONLY course
			_	
04-312 OR	Invertebrate Zoology OR	Invert: General Zoology &	4	Invertebrate Zoology is a
04-366	Entomology	Lab		SPRING ONLY course
		Entomology: General		Entomology is a FALL
		Botany & Lab AND General		ONLY course
		Zoology & Lab	40.45	
		Total Hours	13-17	
Term 8	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
	Behavior & Social Science		3	
	Digital Literacy		3	
04-362	Mammalogy	General Botany & Lab AND	4	FALL ONLY course
		General Zoology & Lab		
04-576	Methods in Plant & Animal Ecology	Basic Ecology AND General	3	FALL ONLY course
	j	Statistics for Science	l	1



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04-474	Wildlife Management & Conservation	Majors highly recommended General Botany & Lab AND General Zoology & Lab AND Local Flora AND Basic	2	FALL ONLY course
		Ecology Total Hours	15	
Term 9	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
	Behavioral & Social Science		3	
	Fine Arts		3	
	Humanities		3	
04-491	Biological Science Seminar	Genetics	1	
04-460	Herpetology	General Botany & Lab AND General Zoology & Lab	4	SPRING ONLY course
32-565 OR 27-515	Advanced GIS OR Environmental	GIS OR Environmental	2-4	SPRING ONLY course OR
OR 04-420	Regulations OR Environmental Issues	Geology OR Environmental		SPRING ODD YEAR ONLY
		Issues OR Conservation of		course
		Natural Resources		Suggested Elective
Total Hours			16-17	

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= a milestone courses taken in final year to complete degree requirements.