

## Northwest Missouri State University Department of Natural Sciences Biology/Psychology Bachelor of Science

Term 1	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
04-106/107	Principles of Biology & Lab		4	
10-111	Composition I		3	
17-116 OR	Mathematical Modeling OR		3-5	
17-117 OR	Precalculus			
17-118 OR	Precalculus Algebra OR			
17-120 OR	Calculus			
24-114/115	General Chemistry I & Lab		4	
77-101	University Seminar		1	
		Total Hours	15-17	
Term 2	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
24-116/117	General Chemistry II & Lab	General Chemistry I & Lab	5	
04-114/115	General Zoology & Lab	Principles of Biology & Lab	4	
10-112	Composition II	Composition I	3	
08-103	General Psychology		3	
	1,11,11,10,1	Total Hours	15	
Term 3	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
24-342/343 OR	Organic Chemistry I & Lab OR	General Chemistry II & Lab	4	Timestone, restes
24-242/243	Organic Chemistry & Lab	General Chemistry II & Lab	7	
08-223	Abnormal Psychology	General Psychology OR	3	
00 223	Abhormari Sychology	Educational Psychology	3	
	Western Experience	Eddedional Tayonology	3	
17-114	General Statistics		3	
17-114	Digital Literacy		3	
	Digital Literacy	Total Hours	16	
Taura 4	Course Title / December in the			NA: Lastana / Nlatas
Term 4	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
08-234	Intro to Psychology Experimentation	General Psychology AND	3	
		General Statistics		5.1
25-112/113 OR	General Physics II & Lab OR	Physics: Mathematical	3-4	Choose two of the
24-344/345 OR	Organic Chemistry II & Lab OR	Modeling OR Precalculus		courses as electives.
24-362/363 OR	Elementary Biochemistry & Lab OR	OR Precalculus Algebra		Organic Chemistry II &
24-562	General Biochemistry	O Chem II: Organic		Lab SPRING ONLY course
		Chemistry I & Lab		General Biochemistry
		Elem Biochem: Organic		FALL ONLY course
		Chemistry & Lab OR		
		Organic Chemistry I & Lab		
		Gen Biochem: Organic		
04.350.00	Constice OB	Chemistry I & Lab	2.4	
04-350 OR	Genetics OR One of four electives above	Principles of Biology & Lab	3-4	
Elective 29-102	Fundamentals of Oral Communication		2	
Z3-10Z	Elective Fundamentals of Oral Communication		3	
	Elective		1	
		Total Hours	13-15	



= a milestone course completed by end of year 1 to remain on pace to finish degree requirements in four years.



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



= a milestone course completed by end of year 3 to remain on pace to finish degree requirements in four years.

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



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Term 5	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
10-220	Intro to Literature	·	3	
25-110/111	General Physics I & Lab	Mathematical Modeling	4	
		OR Precalculus OR		
		Precalculus Algebra		
04-350 OR	Genetics OR	Genetics: Principles of	3-4	
	One of four electives in Term 4	Biology & Lab		
			_	
	Psychology Elective		3	
04-310	Cell Biology	Principles of Biology & Lab	4	Recommend to have
		AND General Chemistry I &		Organic Chemistry I & Lab
		Lab AND General		
		Chemistry II & Lab		
		Total Hours	17-18	
Term 6	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
08-333	Developmental Psychology	General Psychology OR	3	
		Educational Psychology		
08-343	Biological Psychology	General Psychology AND	3	
		Intro to Psychological		
		Experimentation		
	Biology Elective		3-4	
04-238 OR	Physiology Allied Health OR	Allied: Principles of Biology	4	Human Physiology
04-330 OR	Animal Anatomy & Physiology OR	& Lab AND General		recommend to have
04-438	Human Physiology	Chemistry & Lab OR		Medical Terminology and
		General Chemistry I & Lab		either Anatomy Allied
		Animal: General Zoology &		Health OR Comparative
		Lab AND General		Anatomy OR Human
		Chemistry I & Lab		Anatomy
		Human: Cell Biology	42.44	
	0 711 /0 111	Total Hours	13-14	
Term 7	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
00.443	Biology Elective		3-4	
08-443	Advanced Biological Psychology	General Psychology AND	3	
		Intro to Psychological		
		Experimentation AND		
	Fine Arts	Biological Psychology	2	
	Fine Arts Global Experiences	+	3	
08-334	Experimental Psychology	General Psychology AND	3	
06-334	Lyberilliental raychology	Intro to Psychological	3	
		Experimentation AND		
		General Stastitics		
		Total Hours	15-16	
		T2-T0		



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Term 8	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
	American Experiences		3	
04-491	Biological Science Seminar	Genetics	1	
	Elective		3-4	
34-102	Intro to American Government & Politics		3	
	Social Sciences		3	
	Psychology Elective		3	
Total Hours			16-17	

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