



Northwest Missouri State University  
 Department of Natural Sciences  
 Unified Science in Earth Science  
 Bachelor of Science in Education  
 Comprehensive Major – No Minor Required

First Year					
First Trimester			Second Trimester		
17-118	College Algebra	3	33-155 OR 33-156	The United States to 1877 OR The United States since 1877	3
04-106/107	Principles of Biology and Lab	4	10-112	Composition II	3
77-101	University Seminar	1	24-114/115	General Chemistry I and Lab	4
10-111	Composition I	3	27-212	Historical Geology	4
27-114/115	General Earth Science and Lab	4	62-114	Intro to Curr & Instruction	1
62-111	Ecology of Teach & Learn	1	62-115	Principles of Assessment	1
62-112	Develop Found of Learning	1	62-116	Prof Learning Comm II	1
62-113	Prof Learning Comm I	1			
<b>Total Hours</b>		<b>18</b>	<b>Total Hours</b>		<b>17</b>
Summer Trimester					
04-112/113	General Botany & Lab	4			
25-110/111	General Physics I & Lab	4			
10-220	Intro to Lit	3			
<b>Total Hours</b>		<b>11</b>			
Second Year					
First Trimester			Second Trimester		
27-220	Mineralogy	4	27-420	Petrology	4
24-116/117	General Chemistry II and Lab	5	04-114/115	General Zoology & Lab	4
29-102	Fund of Oral Communication	3	04-420	Environmental Issues	4
62-117	Inclusive Classrooms & Positive Learning Environment	1	62-220	Designing Integrated Curr Part I	1
62-118	Teaching is Communication	1	66-230	Dev Foundations of Adol Lit	1
62-119	Prof Learning Comm III	1	61-224	Prof Learning Community IV	1
<b>Total Hours</b>		<b>15</b>	<b>Total Hours</b>		<b>15</b>
Summer Trimester					
24-112/113	General Physics II & Lab	4			
08-229	Educational Psychology	3			
34-102	Intro to American Government				
<b>Total Hours</b>		<b>11</b>			
Third Year					
First Trimester			Second Trimester		
27-130	Info Teach in the Sciences	3	27-335	Physical Oceanography	3
40-122/123	Descriptive Astronomy and Lab	4	28-582	Science Methods	3
08-322	Adolescent Psychology	2	27-540	Paleontology	4
27-305	Practicum in Teaching Lab (Geology)	1	32-360	Dynamic & Synoptic Meteorology	3
	Western Experience	3	62-321	Design Interven/Assessment	1
62-225	Design Integ Curr Part II	1	62-322	Lit Assessment/Intervention	1
61-229	Prof Learning Community V	1	61-325	Prof Learning Community VI	1
61-270	Classroom Management Strategies	1			
<b>Total Hours</b>		<b>16</b>	<b>Total Hours</b>		<b>16</b>
Fourth Year					
First Trimester			Second Trimester		
HIGH SCHOOL ON-SITE SEMESTER					
61-430	Implementing Practicum I	1	61-494	Dir Teaching – High School	10
28-550	History of Science & Technology	3	61-432	Capstone Course	2
61-569	Multiculturalism in Ed	3			
	Fine Arts	3			
	Social & Behavioral Science	3			
	Global Experiences	3			