Northwest Missouri State University
Department of Mathematics and Statistics
Mathematics Education (Comprehensive) – No Minor Required
Bachelor of Science in Education

Term 1	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
77-101	University Seminar		1	
10-111	Composition I		3	
17-145	Computational Reasoning and Data		3	
29-102	Fundamentals of Oral Communication		3	
17-120	Calculus 1	17117 or, 17118 and 17119, or ACT 27	4	**1**
62-107	Ecology and Developmental Foundations of Education		2	**1**
62-113	Professional Learning Community I		1	
	Total Hours		**17**	
Term 2	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
10-112	Composition II	10-111	3	
17-121	Calculus II	17-120	5	**1**
	Digital Literacy		3	**1**
17-114	General Statistics	ACT 22	3	
62-108	Intro to Curriculum, Instruction and Assessment	62-107, 62-113	2	**1**
62-116	Professional Learning Community II		1	
	Total Hours		**17**	
Term 3	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
62-371	Intro to Special Education		3	**2**
17-311	Linear Algebra	17-117	3	
17-390	Transition to Proofs	17-117	3	**2**
04-102/3	Biology and Lab		4	
34-102	Amer. Gov. And Politics		3	
	Total Hours		**16**	
Term 4	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
17-351	College Geometry	17-117	3	**2**
	Western Experiences		3	
17-280	Methods In Tch. With Tech.	Digital Literacy	3	**2**
10-220	Intro. To Literature		3	
61-301	Developmental Foundations of Adolescent and Content Literacy	62-117, 118, 119	2	**2**
61-302	Professional Learning Community IV		1	
	Total Hours		**15**	
Term 5	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
	Math Elective		3	**3**
17-415	Modern Algebra	17-390	3	
08-299	Ed. Psychology		3	
61-569	Multiculturalism In Edu.		3	

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

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

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

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

Northwest Missouri State University
Department of Mathematics and Statistics
Mathematics Education (Comprehensive) – No Minor Required
Bachelor of Science in Education

	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
61-310	Classroom Management strategies	61-301 and 61-302	1	⬠3
61-311	Des. Integrated Middle School Curr. II		1	
61-312	Professional Learning Community V		1	
	Total Hours		**15**	
Term 6	**Course Title/Description**	**Pre-requisite**	**Cr Hrs**	**Milestone/Notes**
	Physical Sciences and Lab		4	
08-322	Adolescent Psychology	08-299	2	
61-324	Intervention and Assessment: Literacy, Special Populations and EL	61-310, 61-311, 61-312	1	⬠3
			1	
61-325	Professional Learning Community VI		1	
61-431	Secondary School Practicum	Admittance to Teacher Education	1	⬠3
17-580	Methods in Secondary School Math	17-280, Admittance to Teacher Education	3	⬠3
	Global Experiences		3	
	Total Hours		**16**	
Term 7	**Course Title/Description**	**Pre-requisite**	**Cr Hrs**	**Milestone/Notes**
61-472	Directed Teaching		10	△4
61-432	Professional Capstone		2	△4
	Total Hours		**12**	
Term 8	**Course Title/Description**	**Pre-requisite**	**Cr Hrs**	**Milestone/Notes**
17-497	Connection to Teaching Mathematics		1	△4
	Math Elective		3	△4
	Fine Art		3	
	American Experiences		3	
	Social & Behavioral Science		3	
	Total Hours		**13**	

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

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

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

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