

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	The requisite	1	ivinestone, restes
10-111	Composition I		3	
17-145	Computational Reasoning and Data		3	
29-102	Fundamentals of Oral Communication		3	
17-117	Precalculus	Act 22	5	1
62-107	Ecology of Teaching and Developmental Foundations		2	1
62-113	Professional Learning Community I		1	
	•	Total Hours	18	
Term 2	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
10-112	Composition II	10-111	3	-
17-120	Calculus I	17-117 or, 17118 and 17119, or ACT 27	4	1
	Digital Literacy		3	1
17-114	General Statistics	ACT 22	3	
62-108	Intro to Curriculum, Instruction and Assessment		2	1
62-116	Professional Learning Community II		1	
		Total Hours	16	
Term 3	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
62-109	Positive Communication in an Inclusive Classroom		2	2
62-119	Professional Learning Community III		1	
17-390	Transitions to Proofs	17-117	3	2
17-121	Calculus II	17-120	5	2
04-102/3	Biology and Lab		4	
34-102	Amer. Gov. And Politics		3	
		Total Hours	18	
Term 4	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
17-351	College Geometry	17-117	3	2
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17-280	Western Experiences Methods In Tch. And Tech.	Digital Literacy	3	2
	Western Experiences Methods In Tch. And Tech.	Digital Literacy	3	
17-280 10-220 61-301	Western Experiences Methods In Tch. And Tech. Intro. To Literature Dev. Found. Of Adolescent and Content	Digital Literacy 62-109, 62-119	3	
10-220	Western Experiences Methods In Tch. And Tech. Intro. To Literature Dev. Found. Of Adolescent and Content Literacy	-	3 3 3	
10-220 61-301	Western Experiences Methods In Tch. And Tech. Intro. To Literature Dev. Found. Of Adolescent and Content	-	3 3 3 2	
10-220 61-301	Western Experiences Methods In Tch. And Tech. Intro. To Literature Dev. Found. Of Adolescent and Content Literacy	62-109, 62-119	3 3 3 2	
10-220 61-301	Western Experiences Methods In Tch. And Tech. Intro. To Literature Dev. Found. Of Adolescent and Content Literacy	62-109, 62-119	3 3 3 2	
10-220 61-301 61-302	Western Experiences Methods In Tch. And Tech. Intro. To Literature Dev. Found. Of Adolescent and Content Literacy Professional Learning Community IV	62-109, 62-119 Total Hours	3 3 3 2 1 15	2 Milestone/Notes
10-220 61-301 61-302 Term 5	Western Experiences Methods In Tch. And Tech. Intro. To Literature Dev. Found. Of Adolescent and Content Literacy Professional Learning Community IV Course Title/Description	Total Hours Pre-requisite	3 3 2 1 15 Cr Hrs	2

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

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

⁼ 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.



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08-299	Ed. Psychology		3	
61-569	Multiculturalism In Edu.		3	
61-310	Classroom Management strategies	61-301, 61-302	2	3
61-311	Des. Integrated Middle School Curr. II			
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,	61-310, 61-311, 61-312	2	3
	Special Pops & EL			_
61-325	Professional Learning Community VI		1	
61-431	Secondary School Practicum		1	3
17-580	Secondary Math Methods	17-280	3	3
	Global Experiences		3	
		Total Hours	16	
Term 7	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
61-472	Directed Teaching		10	\triangle
61-432	Professional Capstone		2	\triangle
		Total Hours	12	
Term 8	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
17-497	Connection to Teaching Methods		1	\triangle
	Math Elective		3	
	Math Elective Fine Art		3	
	Fine Art		3	
	Fine Art American Experiences		3	

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= 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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