

Bachelor of Science in Education in Mathematics

PLAN OF STUDY

	FALL			SPRING		
	Course		Credit	Course		Credit
FIRST YEAR	IDL 190	Seminar	2	ENGL 201	Composition II	3
	MATH 123	Calculus I	4	MATH 125	Calculus II	4
	ENGL 101	Composition I	3	MATH 216	Discrete Structures	3
	SPED 100	Introduction to Persons with Exceptionalities	3	EDFN 102	Introduction to Education	3
	SGR 4	Arts and Humanities	3-4	SGR 4	Arts and Humanities	3-4
			15-16			16-17
SECOND YEAR	MATH 321	Differential Equations**	3	EPSY 302	Educational Psychology/EPsy 296, Field Experience	3/0
	MATH 351	Foundations of Mathematics	3	MATH 412	Linear Algebra**	3
	SGR 2	Oral Communication	3	MATH 281	Introduction to Statistics	3
	SGR 3	Social Science	3	SGR 6	Natural Science with Lab	4
	SGR 3	Social Science	3		Elective or Minor Course	3
	SGR 6	Natural Science with Lab	3			16
			18			
THIRD YEAR	MATH 361	Modern Geometry	3	MATH 425	Real Analysis I	3
	MATH 225	Calculus III	4	INED 411	South Dakota Indian Studies	3
	MATH 413	Abstract Algebra I	3	EPSY 428	Child and Adolescent Development	3
	EDFN 445	Methods of Teaching English and Academic Content to English Learners	3	SEED 396	Field Experience	1
		Elective or Minor Course	3	EDFN 472	School Law and Ethics for Educators	2
			16	ELRN 435	Principles of Instructional Design	3
						15
FOURTH YEAR	ELRN 485	Classroom Technology	3	EDER 415	Educational Assessment	2
	SEED 400	7-12 Curriculum and Instruction	3	EDFN 440	Classroom Management	2
	SEED 450	Reading and Content Literacy	2	SEED 488	7-12 Student Teaching	8
	SEED 496	Field Experience	2			12
	SPED 441	Inclusive Methods for Diverse Learners	2			
			12			

*Fulfills a General Education Requirement. **Fulfills a major requirement. ***Fulfills a general elective. Other course options may be available. This plan of study is not an official document. Depending on placement, developmental courses may be required. Course rotations may change. Visit with a professional advisor regularly to discuss course selection and degree planning.



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