

Bachelor of Science In Mathematics

PLAN OF STUDY

	FALL		SPRING			
	Course	Credit	Course	Credit		
FIRST YEAR	IDL 190	Freshman Seminar	2	ENGL 201	Composition II	3
	MATH 123	Calculus I	4	MATH 125	Calculus II	4
	ENGL 101	Composition I	3	CMST 101	Fundamentals of Speech*	3
		Arts and Humanities Course (see catalog)	3		Arts and Humanities Course	3
		Social Sciences Course	3		Social Sciences Course	3
		15			16	
SECOND YEAR	MATH 321	Differential Equations	3	MATH 381	Introduction to Probability and Statistics	3
	MATH 351	Foundations of Mathematics	3	MATH 425	Real Analysis I	3
		Elective or Minor Course	3		Minor Course	3
		Minor Course	3		Minor Course	3
		Natural Science with Lab Course	3-4		Natural Science with Lab Course	3-4
			15-16			15-16
THIRD YEAR	MATH 361	Modern Geometry**	3	MATH 412	Linear Algebra	3
	MATH 225	Calculus III	4	MATH 331	Advanced Engineering Math**	3
	MATH 413	Abstract Algebra I	3		Human Values Course	3
		Minor Course	3		Minor Course	3
		Elective or Minor Course	3		Minor Course	3
			16			15
FOURTH YEAR		Elective or Minor Course	3		Elective or Minor Course	3
		Elective or Minor Course	3		Elective or Minor Course	3
		Elective or Minor Course	3		Elective or Minor Course	3
		Elective or Minor Course	3		Elective or Minor Course	3
		Elective or Minor Course	3		Elective or Minor Course	1-3
			15			13-15

This major requires a minor or a second major.

Suggested Majors: Chemistry, Business, Accounting

Suggested Minors: Chemistry, Business, Accounting, MIS

*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.



Northern State University
College of Arts and Sciences
Aberdeen, South Dakota
605-626-2456 | northern.edu

