

NAME: \_\_\_\_\_

ID: \_\_\_\_\_

NORTH DAKOTA STATE UNIVERSITY  
College of Science and Mathematics

Mathematics and Physics Double Major

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**Math Major:**

MATH	165	4	_____	Calculus I
	166	4	_____	Calculus II
	265	4	_____	Calculus III
	266	3	_____	Intro to Differential Equations
	270	3	_____	Intro/Abstract Mathematics
	420	3	_____	Abstract Algebra I
	429	3	_____	Linear Algebra
	450	3	_____	Real Analysis I
	_____	3	_____	421- Abstract Algebra II or 451- Real Analysis II
	491	1	_____	Capstone Seminar

Electives<sup>1</sup>: 4 credits

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**Related Courses Required:**

CSCI 160 4 \_\_\_\_\_ Computer Science I

Additional credits in Humanities or Social Sciences to meet the requirements of the College of Science and Mathematics.  
BS: 6 credits BA: 12 credits

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A grade of C or better is required for all courses used in this double major.

<sup>1</sup> Math electives may be chosen from Statistics (STAT) 467 & 468 and any Math course numbered 400-level or higher. Math 488 & 489 are recommended.

<sup>2</sup> Physics elective may be chosen from PHYS 463, 486, or Minnesota State University Moorhead PHYS 310, 350, 360, AST 380, PHYS/AST 410.

To complete a degree, the general education requirements of the College of Science and Mathematics and NDSU need to be met along with this major.