

Name: \_\_\_\_\_

**NORTH DAKOTA STATE UNIVERSITY**  
College of Human Development & Education

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

**Mathematics Education Major**

Fall 2012

General Education Requirements - 40 Credits Required					Teaching Specialty Requirements - 43 Credits Required											
First Year Experience (F)					A grade of C or better must be earned in the teaching specialty courses. A GPA of 2.75 or better in the teaching specialty is required for placement in student teaching and exit from the program.											
1 Sem Credit					<b>Course</b>	<b>Number</b>	<b>Course Title</b>	<b>Credits</b>	<b>Grade</b>	<b>HP</b>						
HD&E	189 <sup>1</sup>	Skills for Academic Success	1		CSCI	160	Computer Science I	4								
Communication (C)					12 Sem Credits											
*ENGL	110	College Composition I	3		MATH	166	Calculus II	4								
*ENGL	120	College Composition II	3		MATH	265	Calculus III	4								
COMM	110	Fund of Public Speaking	3		MATH	270	Intro to Abstract Mathematics	3								
ENGL			3		MATH	374	Special Problems in Math	1								
Quantitative Reasoning (R)					3 Sem Credits											
MATH	165	Calculus I	4		MATH	420	Abstract Algebra I	3								
Science & Technology (S)					10 Sem Credits											
			3		MATH	429	Linear Algebra	3								
			3		MATH	440	Axiomatic Geometry	3								
			3		MATH	450	Real Analysis I	3								
			3		MATH	478	History of Mathematics	3								
		Co-Requisite Lab Requirement	1		STAT	367	Probability	3								
Humanities & Fine Arts (A)					6 Sem Credits											
			3		Select two 300-400 level MATH courses approved by the department. Math 266 may be used as one of these electives.											
			3		MATH			3								
Social & Behavioral Sciences (B)					6 Sem Credits											
			3		MATH			3								
			3		<b>Professional Education Requirements - 31 Credits Required</b> A grade of C or better is required in all Professional Education Requirement courses. A GPA of 2.75 or better in professional education as well as passing the appropriate Praxis II exam are required to exit the program.											
Wellness (W)											2 Sem Credits					
			2													
Cultural Diversity (D)					Course											
					Number	Course Title	Credits	Grade	HP							
Global Perspectives (G)					EDUC											
					321	Introduction to Teaching	3									
					322	Educational Psychology	3									
					451	Instruc Plan, Methods & Assess	3									
<b>Electives: 7 credits to reach 122</b>					EDUC											
					481	Classrm Prac/Meth of Teach I-Math	3									
					485	Student Teaching Seminar	1									
					486	Classrm Mgt for Diverse Learners	3									
					487	Student Teaching Elementary/Secondary	9									
					488	Applied Student Teaching	3									
					489	Native Am. & Multicult Instr Prac	3									
<sup>1</sup> Students transferring in 24 or more credits do not need to take HD&E 189.					<b>*See School of Education admission requirements.</b>											
					<b>All courses listed on this curriculum guide are required for the major.</b>											
					<b>Total Credits Required for Graduation:</b>						<b>122</b>					