

Name: _____

NORTH DAKOTA STATE UNIVERSITY
College of Human Development & Education

ID: _____

Math Education Major

Fall 2008

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.					
Course	Number	Course Title	Credit	Grade	Course	Number	Course Title	Credit	Grade	HP
Communications Category (C)			12 Sem Credits		CSCI	160	Computer Science I	4		
HD&E	189^	Skills for Academic Success	1		MATH	166	Calculus II	4		
*ENGL	110~	College Composition I	3		MATH	265	Calculus III	4		
*ENGL	120	College Composition II	3		MATH	270	Intro to Abstract Mathematics	3		
COMM	110	Fund of Public Speaking	3		MATH	374	Special Problems in Math	1		
ENGL			3		MATH	420	Abstract Algebra I	3		
Quantitative Reasoning (R)			3 Sem Credits		MATH	429	Linear Algebra	3		
MATH	165	Calculus I	4		MATH	440	Axiomatic Geometry	3		
Science & Technology (S)			10 Sem Credits		MATH	450	Real Analysis I	3		
			3		MATH	478	History of Mathematics	3		
			3		STAT	367	Probability	3		
		Co-Requisite Lab Requirement	1		STAT	368	Statistics	3		
Humanities & Fine Arts (A)			6 Sem Credits		Select two 300-400 level MATH courses approved by the department. Math 266 may be used as one of these electives.					
			3		MATH			3		
			3		MATH			3		
Social & Behavioral Sciences Category (B)			6 Sem Credits		Professional Education Requirements - 31 Credits Required A GPA of 2.75 or better in professional education as well as the Exit Portfolio are required to exit the program.					
			3		Course	Number	Course Title	Credit	Grade	HP
			3		EDUC	321	Introduction to Teaching	3		
Wellness (W)			2 Sem Credits		EDUC	322	Educational Psychology	3		
			2		EDUC	381	Early Experience	1		
Cultural Diversity			3		EDUC	451	Instruc Plan, Methods & Assess	3		
			3		EDUC	481	Classrm Prac/Meth of Teach I-Math	3		
Global Perspectives			3		EDUC	485	Student Teaching Seminar	1		
			3		EDUC	486	Classrm Mgt for Diverse Learners	2		
Additional Electives - 7 Minimum Credits Required					EDUC	487	Student Teaching Elementary/Secondary	9		
					EDUC	488	Applied Student Teaching	3		
					EDUC	489	Native Am. & Multicult Instr Prac	3		
<p>^HD&E 189 is required for students with fewer than 24 earned transfer credits.</p> <p>~First year students with a composite ACT score of ≥ 21 should register for ENGL 120 (unless transfer credit for ENGL 120 is received). If ENGL 120 is completed with a grade of "C" or better, three credits will be awarded for ENGL 110 with a passing grade (P). For more details on NDSU's English Placement process, go to www.ndsu.edu/cfwriters.</p>					<p align="center">*See School of Education admission requirements.</p> <p align="center">All courses listed on this curriculum guide are required for the major.</p>					
Total Credits Required for Graduation:								122		