

Subject Matter Program in Mathematics Requirements (Form A)

(For Mathematics Subject Candidates graduating **after Spring 2009**)

Name _____ Student ID _____ Term Entered _____

You must meet with your advisor once a semester to plan your course selection. You may not register without your advisor's signature.

Course	Title	Credit	Term	Grade	Comments
Math 241	Discrete Mathematics	4			
Math 251	Calculus I	4			
Math 252	Calculus II	4			
Math 261	Calculus III	4			
Math 343	Linear Algebra	4			
Math 381	Geometry	4			
Math 382	Number Theory	4			
Math 475	Capstone	2			CAPSTONE
<i>Probability and Statistics Option: take either Math 231 or Math 352</i>					
Math 231	Biostatistics	4			
Math 352	Probability and Statistics	4			
<i>Algebraic Structures/ Real Analysis Option: take either Math 425 or Math 420</i>					
Math 425	Abstract Algebra	4			
Math 420	Real Analysis	4			
<i>Field Experience Requirement: take both Math 492 and Educ 362</i>					
Math 492	Cooperative Education	1 or 2			
Educ 362	Career Decisions in Education	3			
<i>Breadth and Perspective courses: take CS 110 or CS 210, one year of Physics or one year of Chemistry, and an additional course. The additional course must be either from the list shown below the table or approved by the Program Coordinator. This course may not be used to fulfill any previous requirement.</i>					
CSC 110	Concepts of Programming	4			
CSC 210	Intro to Computer Programming	4			
Phys211,211L and Phys212,212L	Mechanics & Thermodynamics and Electricity, Magnetism, & Optics	5 each			
Chem151,151L and Chem152,152L	General Chemistry	5 each			
Additional Math Course*		3 or 4			

*Course options: Math 265 (Differential Equations), Math 450 (Complex Analysis), Math 482 (Selected Topics), or any other 400-level math course.

Program Coordinator's approval for alternate choice: _____ Date: _____

GPA in Program : _____ (2.25 required)

ADVISOR SIGNATURE: _____ Date: _____

ADVISOR REMARKS: