## Master of Education (M.Ed.) in Secondary Education - Mathematics

Name \_\_\_\_

Advisor \_\_\_\_\_

ID# \_\_\_\_\_

Professional Core (12 cr)	Hrs	Term	Grade
EDUC 7010 Foundations of Public Education	3		
EDUC 7300 Conditions & Processes of Learning	3		
EDUC 7400 Methodology of Educational Research	3		
Prof Core Elective	3		

Teaching Field (15 cr)	Hrs	Term Grade
MATH 7710 Foundations of Algebra	3	
MATH 7711 Foundations of Statistics	3	
MATH 7712 Foundations of Geometry	3	
MATH 7713 Foundations of Analysis	3	
MATH elective*	3	

Research Options - select A or B (9 cr)	Hrs	Term	Grade
Option A:			
EDUC 7420 Directed Study	3		
Approved Elective	3		
Approved Elective	3		
Option B:			
EDUC 741X and 741Y Thesis Option I and II	6		
Approved Elective	3		

Professional Core Electives	Hrs	
EDUC 7040 Teacher and the Law	3	
EDUC 7070 Computer Applications for Curr & Classroom	3	
EDUC 7080 Innovations in Parent, Family & School Coll	3	
EDUC 7100 Design & Development Computer Based Instr	3	
EDUC 7110 Educational Computing & Lang Development	3	
EDUC 7150 Assessment & Mgmt of Classroom Problems	3	
EDUC 7510 Educational Measurement & Evaluation	3	
EDUC 7600 Problems in Producing & Utilizing Instr Mat	3	
EDUC 7700 Growth & Development	3	
EDSC/EDEC/EDMG 7900 Curriculum Planning/Trends	3	

Teaching Field Electives*	Hrs	
MATH 5511 Advanced Statistical Methods	3	
MATH 5522 Advanced Mathematical Modeling	3	
MATH 6618 Advanced Scientific Computation	3	
MATH 6619 Computational Geometry	3	
MATH 6620 Operations Research	3	
MATH 6640 Partial Differential Equations	3	
MATH 6642 Complex Analysis	3	
MATH 6675 Special Problems in Mathematics	3	
MATH 7715 Algebraic Geometry I	3	
MATH 7716 Algebraic Geometry II	3	
MATH 7790 History & Philosophy of Mathematics	3	

Additional Rec	uirements			
Admission Status:	REGULAR	Date:		
	CONDITIONAL	Date:		
Exit Exam Complete	ed:	YES	NO	
Professional Core Completed:		YES	NO	
Certification Field Completed:		YES	NO	

Additional Inform	nation		
Date Program Began:			
Readmit Date (If applie	cable):		
Certification Fields:			
Initial Certification:	YES	NO	
		-	
	YES	NO	
Courses identified by	/ PSC:		

effective 2004-2005