Student Name: _____
Advisor: _____ Date: _____
ED 110 Required _____ MA 101 Required _____
Gateway Process: Traditional

RULES 2002 -- Initial Enrollment July 1, 2010 or Later
All coursework must be completed by 8/31/2013

Middle School/High School Math Education

Hours Required: 128-130 – Campus; 127 – WED

General Studies Courses:

Course #	Title	Hours	Course Taken
SKILLS: 12-14 Credit Hours			
ID 100 (campus) ID 105 (WED)	Critical Connections (campus) Life/Learning Skills (WED)	2 (campus) 3 (WED)	
EN 111	English Composition and Research Writing	3	
CO 111 (campus) CO 112 (WED)	Intro. to Human Communication Interpersonal Communication	3	
CS 101	Introduction to Computer Software	3	
MA 112	College Algebra		Covered by MA 121 in major
	Statistics		Covered by MA 253 in major
PE 126 (campus) PE 110 (WED)	General Fitness Study in Fitness	1 (campus) 2 (WED)	
FOUNDATIONS: 9-14 Credit Hours			
TH 201	Foundations of Theology	3	
	Philosophical Foundations		Covered by ED 109 in major
HI 222 or other history survey course	Twentieth Century World	3	
F.L. (campus) Culture (WED)		6-8 (Campus) 3 (WED)	
THEOLOGICAL PERSPECTIVE: 3 Credit Hours			
TH XXX	Theology elective	3	
PERSPECTIVES: 12 Credit Hours			
Creative/ Expressive Perspective		3	
Scientific Perspective		3	
Social/Cultural Perspective		3	
Additional Perspective		3	
LINKING: 4 Credit Hours			
ID 3XX		2	
ID 3XX		2	
INTERDISCIPLINARY: 3 Credit Hours			
ID 4XX		3	

Major Courses: MS/HS Math

Course #	Title	Hours	Course Taken
EDUCATION CORE COURSES: 15 Credit Hours			
ED 100	Observations in the Schools	0	
ED 109	Philosophical and Ethical Foundations of Education	3	
ED 200	Growth and Development	3	
ED 202	Education in a Global Society	3	
ED 203	Effectively Collaborating with Families and Community Resources	3	
ED 237	Educational Psychology	3	
DEVELOPMENTAL LEVEL COURSES: 14 Credit Hours			
ED 261	The Science of Reading	3	
ED 338	Instructional Methods	2	
ED 368	Social Emotional Development and Behavioral Intervention	3	
ED 373	Assessment for Learning	3	
PS 261	Adolescent Psychology	3	
CONTENT COURSES: 40 Credit Hours			
CS 161	Programming I-Introduction to Visual Basic	3	
MA 121	Calculus I	3	
MA 122	Calculus II	3	
MA 210	Discrete Mathematics	3	
MA 221	History of Mathematics	1	
MA 230	Introduction to Mathematical Modeling	3	
MA 231	Linear Algebra	3	
MA 253	Statistics	3	
MA 322	Calculus III	3	
MA 331	Abstract Algebra	3	
MA 341	Geometry	3	
MA 353	Elements of Mathematical Statistics	1	
MA 421	Seminar	3	
MA 422	Analysis	3	
MA 461	Teaching of Mathematics in Senior High/Jr. High/Middle School	2	
CLINICAL EXPERIENCES: 13 Credit Hours			
ED 234 or ED 239	Field Experience I: Middle School/Junior High Education or Field Experience I: High School Education	2	
ED 334 or ED 336	Field Experience II: Middle School/Junior High Education or Field Experience II: High School Education	2	
ED 432	Supervised Teaching: Middle School/Junior High Education	4	
ED 433	Supervised Teaching: High School Ed.	4	
ED 450	Seminar in Teaching	1	

Basic Competency Requirements for Formal Admission to SMWC Education Department (one of the following):

- Praxis I: Reading (176), Writing (172) Math (175) OR
- Praxis I (Reading, Writing, Math) Composite Score = 527 OR
- ACT (Math, Reading, Grammar, Science) Composite Score = 24 OR
- SAT (Critical Reading + Math) Score = 1100 OR
- GRE (Verbal + Quantitative) Score = 1100 OR
- Master's Degree

Specialty Area Competency Requirements for Indiana Licensure: Praxis II (www.ets.org/praxis/in/requirements)