

Revised 1/15/04

MIDWAY COLLEGE
Teachers: Professional Leaders Making a Difference

SECONDARY EDUCATION - MATHEMATICS – B.A.:
GRADES 8-12
CURRICULUM GUIDE SHEET

Student Name _____ Social Security Number _____

Advisor _____

(The advisor should periodically check off the requirements as they are met.)

COURSE REQUIREMENTS

GENERAL EDUCATION REQUIREMENTS	Semester Hours	Met
Foundation Studies		
First Year Studies (FS 101)	1	
Diversity Studies (DS 201)	1	
Computer Science (One course CS 140 or higher)	3	
Oral Communication (COM 205)	3	
Composition I and II (ENG 101 and 102 or ENG 104)	3-6	
Scientific Inquiry		
Natural Sciences* Any Biological (BIO) and Physical (PSC) Science (At least one course must include a lab)	7	
Psychological and Sociological Sciences* Any Psychology (PSY), Sociology (SOC), or Sociological and Psychological Science (SPS) course (Psy 180 Intro to Psychology is recommended for teachers)	3	
Natural, Behavioral, or Social Science* Any combination of BIO, HIS, PS, PSC, PSY, SOC, or SPS course	3	
Religious Inquiry Any religion (REL)	3	
Critical and Literary Analysis* Any Philosophy (PHIL), or English (ENG) literature course	3	
Humanities and Fine Arts Any Humanities (HUM I 00 or 200 level), any Art (ART), any Music (MUS), any Foreign Language	6	
Subtotal	36 - 39	

Additional Requirements

1. All students are required to take one three-hour course designated as a diversity course (200 level or higher) and one three-hour course designated as woman's studies. Students may choose a course that will also fulfill a requirement in any area (general education, major, minor, concentration or elective courses).
2. A minimum of 36 hours must be completed at the upper division (300-400 level).
3. 36 of the last 40 hours must be earned at Midway College (and/or its partner institution for cohort students)

Education Major Requirements		
Introduction to the Teaching Profession (EDU 100)	1	
Introduction to Education (EDU 103/EDU 130)	3	
Health Issues and Teaching (EDU/ECE 200)	3	
Technology in the Education Setting (EDU 201)	3	
Teaching and Learning I and II (EDU 210 and 211)	6	
The Exceptional Child (EDU 315)	3	
The Child, Family and Community – Resources and Cultural Diversity (EDU 208)	3	
Human Growth and Development (PSY 260)	3	
Methods in Secondary Mathematics Education (EDU 401)	3	
Student Teaching (EDU 498)	12	
Subtotal	40	
Mathematics Secondary Education Requirements		
Finite Mathematics (MA 145)	3	
College Algebra (MA 140)	3	
Calculus I (MA 180)	4	
Trigonometry (MA 143)	1	
Calculus II (MA 222)	4	
Geometry (MA 230)	3	
Probability and Statistics (MA 245)	3	
Linear Algebra (MA 310)	3	
Mathematics Electives(MA 201, 302, 223,315,316, 498)	6	
Subtotal	24	
Electives* (Suggest MA 201 and MA 302 Math I and II for Teachers be part of these)	15 - 19	
Total hours required for graduation	124	

Other Graduation Requirements

Portfolio (Demonstrates New Teacher Standards)

- Table of contents;
- A cover letter indicating your:
 - interest in the identified program;
 - philosophy of education
 - leadership capability
- A description of a meaningful experience working with children appropriate to your certification area;
- A description of a community service activity in which the student participated;
- A description of a multicultural experience that was memorable to the student;
- A reflection of a dispositions assignment;
- Basic test scores (ACT or PRAXIS);

