

OPTION III: Integrated Teaching Option

Student _____ CIN _____ ADVISOR _____

General Education Requirements (30 units)	Term	Grade	Course Designation
Block A: Basic Subjects (9)			
A1 Oral Communication Course =			
A2 Written Communication Course =			
A3 Critical Thinking & composition Course =			
Block B: Natural Sciences (0)			
Fulfilled by major requirements			
Block C: Arts and Humanities (9) from 3 different sub-blocks			
C1 Arts Course =			
C2 Humanities Course =			
C US History Course =			
Block D: Social Sciences (9) from 3 different sub-blocks			
D1 Course =			
D2 Course =			
D US Constitution Course =			
Block E: Civic and Community based Learning (3)			
E Course =			
Block F: Upper Division Theme B, C, D (0)			
Fulfilled by major requirements			
GWAR Requirements (0)			
UNIV 400 Writing Proficiency Exam (0)			

Major Requirement (105 Units) Math & Credential Courses	Term	Grade	Course Designation
Lower Division Required Courses (36)			
MATH 2170 (3) or CS 2010 (3)			
MATH 2110 Calculus I (4)			Block B4
MATH 2120 Calculus II (4)			
MATH 2130 Calculus III (3)			
MATH 2150 Differential Equations (3)			
MATH 2450 Foundations of Mathematics I (3)			
MATH 2550 Introduction to Linear Algebra (3)			
Math 2740 Introduction to Statistics (3)			
PHYS 2100 General Physics I (5)			Block B1
BIOL 1100 - Principles of Biology I (5)			Block B2
Upper Division Required Courses (27)			
MATH 3450 Foundations of Mathematics II (4)			
MATH 4650 Advanced Calculus I (3)			
MATH 3950 Field Experience I (2)			cl, WI UD GE B
MATH 3960 Field Experience II (2)			cl, WI UD GE B
MATH 4300 Modern Geometry (3)			
MATH 4460 Theory of Numbers (3)			
MATH 4550 Modern Algebra (3) OR MATH 4570 Linear Algebra (3)			
MATH 4740 Theory of Probability (3)			
MATH 4901 Capstone Course for Teachers of Mathematics (4)			WI
Related Area Electives* (3)			
Course I =			

Credential Required Courses (Continued from Right Column)			
Block 2: Instructional Block (11 units)			
EDSE 4212M -Instructional Methods for Secondary School Subjects Mathematics (3)			
EDCI 4292- 21 st Century Assessment Strategies and Processes (3)			
EDSE 4502 -Understanding Instructional Strategies and Academic Language and Literacy Development (1)			UD GE C
EDSE 5002 -Instructional and Management Strategies for Urban Schools (3)			
EDSP 4902 - Supporting Learners with Special Needs in Urban Secondary Classrooms (1)			
Block 3: Application Block (8 units)			
EDSE 4453 - Directed Teaching in Secondary Schools (5)			
EDSE 4463 - Proseminar: Assessment of Teaching Performance (3)			

Credential Required Courses (39 units)			
Block 0: Prerequisite Block (11 units)			
EDCI 4000 -Transformative Teaching in Diverse Urban Classrooms (3)			
EDFN 4200 - Education Foundations: Diversity and Equity in Urban schools (2)			
EDFN 4130 – Introduction to Psychological Foundations of Education (2)			
EDSE 5000 –Transformative Classroom Instruction and Management (3)			
EDSP 4900 –Foundations of Special Education for Secondary Teachers in Urban Schools (1)			
Block 1: Developmental Block (9 units)			
EDSE 4301 - Supporting Access Academic Language of Complex for ELs and LM Students (3)			
EDSE 4501 – Understanding Academic Language and Literacy in Secondary Students (2)			UD GE C
EDSE 4101- Intersectional Diversity in Families and Students from Urban Schools (3)			UD GE D (d)
EDSP 4901- Supporting Learners with Special Needs in Urban Secondary Classrooms (1)			

UNIVERSITY REQUIREMENTS One diversity course (with race and ethnicity), denoted by **RE**, must be fulfilled in GE blocks.

All other requirements (One upper division Civic Learning course (*cl*), two writing intensive courses (*WI*), one diversity course (*d*)) are met within major.

GRADUATION REQUIREMENTS

Minimum **40** units of upper division courses AND **120** total units are required for graduation. For an extensive list of other graduation requirements, check “academic requirements” in your GET account.

***RELATED AREA ELECTIVES**

The approved list of ALL electives can be obtained at math dept. webpage.