



# MAJOR ACADEMIC PLAN (MAP)

MATHEMATICS EDUCATION  
EFFECTIVE CATALOG YEAR 2018-19



## Sample Schedule (subject to course rotations)

FALL		SPRING	
First Semester	CR	Second Semester	CR
SGE Written Communication (ENGL 101)	3	MATH 125 Calculus II	4
SGE Mathematics (MATH 123)	4	CIS 130, CSC 123 or CSC 150	3
CSC 105 Intro to Computers	3	SGR Arts and Humanities #1	3
SGE Social Science (EPSY 210)	3	MATH 201 Intro to Discrete Math	3
SGE Oral Communications	3	SPED 100 Intro to Persons w/Exceptionalities	3
GS 100: University Experience	0		
	<b>16</b>		<b>16</b>

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Third Semester	CR	Fourth Semester	CR
MATH 316 Discrete Mathematics	3	SGR Arts and Humanities #2	3
MATH 361 Mod Geometry (odd years) or MATH 413 Abstract Algebra (even years)	3	MATH 281 Statistics or MATH 315 Linear Algebra	3
MATH 341 Math Concepts I	3	SGE Written communication (ENGL 201)	3
EDFN 338 Foundations of American Ed	2	EPSY 302 Educational Psychology	3
SGE Natural Sciences #1	3-4	SEED 295 Practicum: Pre-Admission	1
	<b>14-15</b>	SGR Natural Science #2	3-4
<b>Take Praxis I CORE exam</b>		<b>Apply to Teacher Education</b>	<b>16-17</b>

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Fifth Semester (Level III Block)	CR	Sixth Semester	CR
MATH 361 Mod Geometry (odd years) or MATH 413 Abstract Algebra (even years)	3	MATH 281 Statistics or MATH 315 Linear Algebra	3
	3	EDFN 365 Computer based Technology	3
CIS 350 Computer Hdw	3	CIS 206-210 Computer Applications	3
SGE Social Sciences (INED 211)	3	MATH 488 Capstone	1
Math 342 Math Concepts II	3		<b>13</b>
SEED 302 Sec/Middle Content Methods	2		
	<b>17</b>		
<b>Take Praxis II Content exam</b>		<b>Apply to Student Teaching</b>	

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## Yearlong Residency

Seventh Semester	CR	Eighth Semester	CR
<b>1st 8 Weeks:</b> SEED 440 Classroom Management	2	<b>1st 8 Weeks:</b> SEED 401 Methods of Educational Technology EDFN 475 Human Relations	1 3
<b>2nd 8 Weeks:</b> EDER 415, ELED 422. Or SEED 301 SEED 450 Reading & Content Literacy	2-3 3	<b>2nd 8 Weeks:</b> SEED 488 Student Teaching	6
SEED 488 Student Teaching	2	<b>Electives (online only - need 120 credits total)</b>	2
Electives (online only-need 120 credits total)	5-6	<b>Take Praxis PLT exam</b>	12
	<b>14-16</b>		

**26-28**