

**Major Program Guide For: B.S. in Mathematics or B.S.Ed. in Secondary Mathematics
Concentration: Mathematics Education
Suggested Course Sequence**

For Students beginning in Fall of an ODD Year

- Total Hours for Degree: 120
- This sequence assumes that students begin in Calculus I in an even numbered year. If a student is not beginning in Calculus I, then please see the department for a revised course sequence.
- Overall GPA of 2.75 required to apply and remain in a Teacher Education program.

Freshman Year							
Fall				Spring			
Course Prefix or Liberal Studies Requirement	Course Number	Course Title	Hours	Course Prefix or Liberal Studies Requirement	Course Number	Course Title	Hours
First-Year Seminar	19x		3	ENGL	101	Writing and Rhetoric	3
MATH	153	Calculus I	4	COMM	201	Foundations of Communication	3
Liberal Studies			3	MATH	255	Calculus II	4
Liberal Studies			3	MATH	270	Stat. Methods I	3
Liberal Studies			3	Liberal Studies			3

Students who already have credit for MATH 153, should take MATH 255 during their first semester.

Sophomore Year							
Fall				Spring			
Course Prefix or Liberal Studies Requirement	Course Number	Course Title	Hours	Course Prefix or Liberal Studies Requirement	Course Number	Course Title	Hours
ENGL	202	Writing and Critical Inquiry	3	MATH	310	Discrete Structures	3
EDCI	201	Teacher Leadership in a Diverse Society	3	MATH	340	Intro to Scientific Computing	3
MATH	200	Intro to Problem Solving	1	Liberal Studies			3
MATH	250	Intro to Logic & Proof	3	Liberal Studies			3
MATH	256	Calculus III	4	Liberal Studies*			3
Liberal Studies			3				

Students should apply for admission to Teacher Education after completing EDCI 201.

*** Upper Level Perspective (ULP): An approved Upper Level Liberal Studies Perspectives course is required in one of the Liberal Studies Perspectives categories**

Junior Year							
Fall				Spring			
Course Prefix of Liberal Studies Requirement	Course Number	Course Title	Hours	Course Prefix of Liberal Studies Requirement	Course Number	Course Title	Hours
SPED	240	The Exceptional Child	3	EDCI	430	Culturally Relevant Classroom	3
MATH	362	Linear Algebra	3	MATH	361	Abstract Algebra	3
MATH	411	Foundations in Geometry	3	MATH	400	History of Math	3
MATH 3xx/4xx		Upper Division Math Elective	3	MATH	414	Introduction to Secondary Mathematics Teaching Methods	3
Liberal Studies			3	Liberal Studies			3

SPED 240 and EDCI 430 must be taken prior to beginning any internships.

Senior Year							
Fall				Spring			
Course Prefix or Liberal Studies Requirement	Course Number	Course Title	Hours	Course Prefix of Liberal Studies Requirement	Course Number	Course Title	Hours
MATH	300	Problem Solving	2	EDSE	485	Internship II	6
MATH	415	Secondary Mathematics Teaching Methods	3	EDSE	495	Seminar	3
MATH	479	Capstone	2	MATH	491	Student Teaching Math	3
EDSE	484	Internship I	3				
General Elective			4				