## Mathematics Teaching, B.A.

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This is a sample plan of study with a suggested sequencing of classes for the major. University electives may be applied to earn additional academic majors, minors, or certificates. Students should regularly meet with their academic advisor to plan their specific semester schedule to include UNIFI/General Education program and/or university elective hours required.

Course	Title	Hour
Freshman		
Fall		
ENGLISH 1005	College Writing and Research	3
MATH 1310	Technology for Secondary Mathematics Teachers	3
MATH 1420	Calculus I	4
UNIFI/General Education o	r University Electives	6
	Hours	16
Spring		
EDPSYCH 2030	Dynamics of Human Development	3
MATH 1421	Calculus II	4
TEACHING 2017	Level 1 Field Experience: Exploring Teaching	1
UNIFI/General Education o	r University Electives	6
	Hours	14
Sophomore		
Fall		
COMM 1000	Oral Communication	3
CS ED 1320	Fundamentals of Programming	3
MATH 2500	Linear Algebra for Applications	3
MATH 2900	Discrete and Argumentative Mathematics	3
UNIFI/General Education o	r University Electives	4
	Hours	16
Spring		
MATH 2303	Introduction to Teaching Secondary Mathematics	3
MATH 2313	Topics in Secondary Mathematics	3
MATH 2422	Calculus III	4
TEACHING 3128	Level 2 Field Experience: Lesson Planning and Instruction	1
EDPSYCH 3148	Learning and Motivation in Classroom Contexts	3
MEASRES 3150	Classroom Assessment	2
	Hours	16
Junior		
Fall		
MATH 3600/5600	Euclidean Geometry	3
MATH 4500/5500	Modern Algebra I	3
SPED 3150	Meeting the Needs of	2
	Diverse Learners in	
UNIEL/Conoral Education	r University Floctings	0
	I University Electives	8
	nours	16

Spring		
MATH 3305	Connections: University Mathematics and the Secondary Curriculum	3
MATH 3751 or STAT 3771 or MATH 3752		3
MATH 4510/5510	Elementary Number Theory (or MATH 4501 Modern Algebra II)	3
SOCFOUND 3119	Schools and American Society	3
UNIFI/General Education of	or University Electives	3
	Hours	15
Senior		
Fall		
MATH 3302	Field Experience in Teaching Secondary Mathematics	1
MATH 3304	The Teaching of Secondary Mathematics	3
MATH 4615/5615	Geometric Transformations (or MATH 3530 Combinatorics)	3
TEACHING 4170/5170	Human Relations: Awareness and Application	3
UNIFI/General Education or University Electives		5
	Hours	15
Spring		
TEACHING 3138	Secondary School Teaching	12
	Hours	12
	Total Hours	120