

Mathematics Teaching, B.A.

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Course	Title	Hour
Freshman		
Fall		
ENGLISH 1005 (620:005)	College Writing and Research	3
HUM 1021 (680:021)	Humanities I: The Ancient, Classical, and Medieval Worlds	3
MATH 1310 (800:096)	Technology for Secondary Mathematics Teachers	3
MATH 1420 (800:060)	Calculus I	4
LAC 5A - Sociocultural and Historical Perspectives		3
Hours		16
Spring		
EDPSYCH 2030 (200:030)	Dynamics of Human Development	3
MATH 1421 (800:061)	Calculus II	4
TEACHING 2017	Level 1 Field Experience: Exploring Teaching	1
LAC 3A - Fine Arts		3
LAC 4 - Science		3
Hours		14
Sophomore		
Fall		
COMM 1000 (48C:001)	Oral Communication	3
CS ED 1320	Fundamentals of Programming	3
MATH 2500 (800:076)	Linear Algebra for Applications	3
MATH 2900	Discrete and Argumentative Mathematics	3
LAC 4 - Science w/ Lab		4
Hours		16
Spring		
MATH 2303	Introduction to Teaching Secondary Mathematics	3
MATH 2422 (800:062)	Calculus III	4
MATH 3313	Topics in Secondary Mathematics	3
TEACHING 3128	Level 2 Field Experience: Teacher as a Change Agent	1
EDPSYCH 3148 (200:148)	Learning and Motivation in Classroom Contexts	3
MEASRES 3150 (250:150)	Classroom Assessment	2
Hours		16
Junior		
Fall		
MATH 3600/5600 (800:166g)	Euclidean Geometry	3
MATH 4500/5500 (800:160g)	Modern Algebra I	3
SPED 3150 (220:150)	Meeting the Needs of Diverse Learners in Classrooms	2
KAHHS 1020	Dimensions of Wellbeing Lecture	1
KAHHS 1030	Dimensions of Wellbeing Lab	1
LAC 3B - Literature, Philosophy and Religion		3

LAC 2B - Non-Western Cultures		3
Hours		16
Spring		
MATH 3305 (800:183)	Connections: University Mathematics and the Secondary Curriculum	3
MATH 3751 or STAT 3771 or MATH 3752		3
MATH 4510/5510 (800:144g)	Elementary Number Theory (or MATH 4501 Modern Algebra II)	3
SOCFOUND 3119 (260:119)	Schools and American Society	3
HUM 1022 (680:022)	Humanities II: The Renaissance, Reformation, and Enlightenment	3
Hours		15
Senior		
Fall		
MATH 3302	Field Experience in Teaching Secondary Mathematics	1
MATH 3304 (800:190)	The Teaching of Secondary Mathematics	3
MATH 4615/5615 (800:189g)	Geometric Transformations (or MATH 3530 Combinatorics)	3
TEACHING 4170/5170 (280:170g)	Human Relations: Awareness and Application	3
LAC 5B - Individual and Institutional Perspectives		3
LAC 6 - Capstone		2-3
Hours		15-16
Spring		
TEACHING 3138 (280:138)	Secondary School Teaching	12
Hours		12
Total Hours		120-121