

Mathematics Education (CMAB)

Freshman

Fall	Hours	Spring	Hours
ENGL 1100 English Composition I		3 ENGL 1120 English Composition II	3
Core History I		3 Core History II	3
Core Fine Arts		3 Core Social Science	3
Core Social Science		3 EDUC 1010 Orientation to Teacher Education ^{1,2}	0
MATH 1610 Calculus I or 1617 Honors Calculus I		4 MATH 1620 Calculus II	4
	16		13

Sophomore

Fall	Hours	Spring	Hours
Core Literature		3 COMM 1000 Public Speaking	3
MATH 2630 Calculus III		4 MATH 2650 Linear Differential Equations	3
Core Science I		4 MATH 3100 Introduction to Advanced Mathematics	3
Elective		3 MATH 2660 Topics in Linear Algebra	3
Humanities Core		3 Core Science II	4
	17		16

Junior

Fall	Hours	Spring	Hours
CTSE 5040 Technology and Applications in Secondary Mathematics Education ¹		4 CTMD 5010 Teaching Mathematics: Middle School ^{1,2}	4
FOUN 3000 Diversity of Learners and Settings ²		3 FOUN 3110 Adolescent Development, Learning, Motivation and Assessment I	3
RSED 3000 Diversity and Exceptionality of Learners ¹		3 MATH 3010 History of Mathematics ²	3
MATH 5310 Introduction to Abstract Algebra I ²		3 STAT 3600 Probability and Statistics I	3
MATH 5380 Intermediate Euclidean Geometry I		3 MATH 5000 Level	3
	16		16

Senior

Fall	Hours	Spring	Hours
FOUN 3120 Adolescent Development, Learning, Motivation and Assessment II ²		3 UNIV 4AA0 Achieve the Creed	0
CTSE 5030 Teaching Mathematics: High School ¹		4 CTSE 4920 Clinical Residency ³	11
MATH 5200 Analysis I ^{1,2}		3 CTSE 5230 Managing Middle and High School Classroom (Math Education) ^{2,4}	1
Discrete Math Elective ⁵	3		
CTRD 5000 Language and Literacy in the Content Areas ^{1,2}	3		
	16		12

Total Hours: 122

2 Mathematics Education (CMAB)

1 Prerequisite for Admission to Teacher Education.

2 Prerequisite for admission to Clinical Residency.

3 Prerequisite: Admission to Clinical Residency (application for Clinical Residency is one year in advance).

4 Co-requisite with Clinical Residency.

5 Select one of the following: MATH 5120/MATH 5140/MATH 5150/MATH 5180/
MATH 5300/MATH 5730/MATH 5750/MATH 5770