

## MATH TEACHER EDUCATION

**PLEASE CHECK WITH THE MATH EDUCATION INSTRUCTORS TO VERIFY COURSE OFFERINGS. SOME COURSES MAY BE CANCELLED DUE TO LOW ENROLLMENT.**

### Math Major: Teaching

Course	Course Title	Crs.	Pre-Requisites	Term Offered
Math 110 (XM Spring 19)	Number Systems for Teaching	4 (Spring 19)	Math 103 w/C or placement	
Math 171	Calculus I	4	Math 108 or 104&106 or 106 with placement out of 104, w/C or better	
Math 172	Calculus II	4	Math 171 w/C or AP credit for 171	
Math 211	Geometry & Measurement for Teaching	2 (Fall 19)	Math 110 w/ C or better	
Math 213 (Fall 19) (Math 217 [3cr] until Fall 19)	Transformation, Probability & Data for Teaching	2	Math 211 with C or better	
Math 222	Intro to Abstract Math	3	Math 172 w/C or better	
Math 256	Intro to Linear Math	3	Math 172 w/C or better	
Math 317	Probability and Statistics for Teaching	4	Math 211 and 213 with C or better	
Math 413	Modern Algebra for Teaching	4	Math 211 and 213 with C or better	
Math 415	Geometries For Teaching	4	Math 211 and 213 with C or better	
Math 348 OR Math 467	Ring Theory OR Intro to Real Analysis	3	348: Math 222 w/C or better 467: Math 222 and 273	
Math 490 OR Math 430	Senior Seminar for Math Teaching OR Comparative Mathematics Education	3	Elem Ed Major with 16 Credits towards Minor or Math Major with 30 Credits towards major	
<b>Total Credits: 40</b>				

**\*Students may not receive credit for both Math 319 and 171**

**Math Minor: Secondary**

Course	Course Title	Crs.	Pre-Requisites	Term Offered
Math 171	Calculus I	4	Math 108 or 104&106 or 106 with placement out of 104, w/C or better	
Math 172	Calculus II	4	Math 171 w/C or better or AP credit for 171	
Math 222	Intro to Abstract Math	3	Math 172 w/C or better	
Math 256	Intro to Linear Math	3	Math 172 w/C or better	
Math 295	Secondary Mathematics from an Advanced Perspective I	3	Math 222 W/C or better and math 301 (can be concurrent)	
Math 301	Intro to Probability and Statistics	3	Math 171 w/C or better	
Math 331	Fundamentals of Geometry	2	Math 222 w/C or better	
One UL elective to meet 24 min cr. requirement	Selected from the math Departments Upper Level Course List, or Math 495 (Secondary Mathematics from an Advanced Perspective II)			
Total Credits: 24 Minimum				

**Math Minor: Elementary**

Course	Course Title	Crs.	Pre-Requisites	Term Offered
Math 110 (XM Spring 19)	Number Systems for Teaching	4 (Spring 19)	Math 103 w/C or placement	
Math 211	Fundamentals of Geometry & Measurement for Elem & Spec Ed.	2 (Fall 19)	Math 110 w/C or better	
Math 213 (Fall 19) (Math 217 [3cr] until Fall 19)	Data Exploration & Analysis	2	Math 110 w/C or better	
Three from: Math 317 Math 319 Math 413 Math 415	Probability and Stats for Elem & MS Pr Infinite Processes for Elem & MS Pgrms Modern Algebra for Elem & MS Pgrms Modern Geometry for Elem & MS Pgrms	4 4 4 4	Math 211 and 213 w/C or better	
Math 490	Senior Seminar	3	Senior Status, Elem Ed Major with 17 credits towards minor	Spring
Total Credits: 23				

**\*Students may not receive credit for both Math 319 and 171**