

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)	Number Systems for Teaching	4	Math 103 w/C or placement	Both
Math 171*	Calculus I	5	Math 108 or 104 & 106 or 106 with placement out of 104, w/C or better	Both
Math 172	Calculus II	4	Math 171 w/C or AP credit for 171	Both
Math 211	Geometry & Measurement for Teaching	2	Math 110 w/ C or better	Both (1 st 7 weeks)
Math 213 (Math 217 until Fall 19)	Transformation, Probability & Data for Teaching	2	Math 211 w/ C or better	Both (2 nd 7 weeks)
Math 222	Intro to Abstract Math	3	Math 172 w/C or better	
Math 256	Intro to Linear Math	3	Math 171 w/C or better	Both
Math 317	Probability and Statistics for Teaching	4	Math 211 and 213 w/C or better	Fall only
Math 413	Modern Algebra for Teaching	4	Math 211 and 213 w/C or better	Spring only
Math 415	Geometries For Teaching	4	Math 211 and 213 w/C or better	Fall only
Math 348 OR Math 467	Ring Theory (not offered) Can substitute one of the following: Math 347 , Math 346 or 349 ** OR Intro to Real Analysis (or Substitute Math 480) **	3	347: Math 222 w/C or better 346: Math 222 and 256 each w/C or better 349: Math 222 w/C or better 467: Math 222 and 256 480: Math 222 and 273 each w/C or better	Fall even years Fall odd years Spring even years Spring odd years
Math 490 OR Math 430	Senior Seminar for Math Teaching International Comparative Mathematics Education (Study Abroad) or Substitute Math 432 , History and Philosophy and Math and Math Ed (Study Abroad) (4 cr.) **	3	Elem Ed Major with 16 Credits towards Minor or Math Major with 30 Credits towards major	Spring only Spring odd years Spring odd years

Total Credits: 40 min.

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

** Substitutions will require a Curriculum Modification form to update degree audit

Math Minor: Secondary

Course	Course Title	Crs.	Pre-Requisites	Term Offered
Math 171*	Calculus I	5	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 171 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	Math 103 w/C or placement	
Math 211	Fundamentals of Geometry & Measurement for Elem & Spec Ed.	2	Math 110 w/C or better	
Math 213 (Math 217 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	Fall only Spring only Spring only Fall only
Math 490	Senior Seminar	3	Senior Status, Elem Ed Major with 16 credits towards minor	Spring only
Total Credits: 23				

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