Childhood Education

Mathematics Concentration (Grades 1-6)

Bachelor of Science (B.S.) Degree in Childhood Education

Bachelor of Science (B.S.) Degree in Childhood Education with a Bilingual Extension/Spanish

Bachelor of Science (B.S.) Degree in Exceptional Education and Childhood Education (Dual Certification)

Bachelor of Science (B.S.) Degree in Exceptional Education with a Bilingual Extension/Spanish

Eight Mathematics Courses are required: 32 credits

- Students may transfer a maximum of **four** of these courses (16 credits) from other institutions.

All of the following: Seven Courses   28 Credits

MA2010	Foundations of Mathematics I	4
MA3020	Foundations of Mathematics II	4
MA2310	Calculus & Analytic Geometry I	4
MA2320	Calculus & Analytic Geometry II	4
MA3030	Discrete Mathematics	4
MA3160	Linear Algebra	4
MA3210	Intro. to Probability & Statistics	4

Elective: One Upper Division Mathematics Course   4 Credits

Take one 3000 level or 4000 level mathematics course:

MA3xxx   Or   MA 4xxx

Sample Course Sequence

Year	Fall	Spring
1	MA2010 Foundations of Mathematics I MA2310 Calculus I	MA3020* Foundations of Mathematics II MA2320 Calculus II
2	MA3030 Discrete Mathematics MA3160 Linear Algebra	MA3210 Intro. to Probability & Statistics Elective: MA3xxx or MA4xxx

Prerequisites Guide

COURSES	PREREQUISITE Grade of **C** or better
MA2010 Foundations of Mathematics I	**MA1020** College Algebra
MA3020* Foundations of Mathematics II	**MA1020** College Algebra
MA2310 Calculus I	**MA2090** Precalculus
MA2320 Calculus II	**MA2310** Calculus I
MA3030 Discrete Mathematics	**MA2090** Precalculus
MA3160 Linear Algebra	**MA2310** Calculus I
MA3210 Intro. to Probability & Statistics	**MA2310** Calculus I

Reminder: **MA3020** is offered in Spring

∗ Previous course number – **MA2020**