

Elementary Education Mathematics Major • *Elementary Education Major*

Teaching Majors and Minors for Elementary Education Majors

The Elementary Education program requires the completion of two elementary education teaching minors or one elementary education teaching major in addition to a planned program to fulfill the subject area requirements of the program. Students may choose from the subject areas of biology, mathematics, social studies, English, language arts, and early childhood. Elementary education teaching majors are only available in the subject areas of biology, mathematics, and social studies. The early childhood minor is an optional minor and is in addition to the subject area major or minors required.

See Elementary Education, Bachelor of Science for additional program details.

You cannot have a math teaching minor with this teaching major.

A 2.75 GPA is required for successful completion of this major.

Required Courses

	Credit Hours
Mathematics Major	
MATH 220 Analytical Geometry & Calculus 1	5
MATH 230 Analytical Geometry & Calculus 2	5
MATH 314 Probability	3
MATH 118 Math for Elem Teachers 1	3
MATH 119 Math for Elem Teachers 2	3
MATH 324 Fund Concepts in Mathematics	3
MATH 325 College Geometry	3
Choose one:	
CPSC 150 Programming in BASIC	3
CPSC 244 Scientific Programming w/FORTRAN	3
Recommended Electives - 9 credit hours required	
CPSC 150 Programming in BASIC	3
CPSC 200 Object Oriented Programming	4
CPSC 244 Scientific Programming w/FORTRAN	3
CPSC 326 Computer Graphics	3
CPSC 328 Discrete Structures	3
or	
MATH 328 Discrete Structures	3
MATH 320 Analytical Geometry & Calculus 3	3
MATH 322 Linear Algebra	3
MATH 330 Differential Equations	3
MATH 340 Numerical Analysis	3
MATH 380 Applied Analysis	3
MATH 414 Mathematical Statistics 1	3
MATH 420 Introduction to Abstract Algebra	3
MATH 430 Advanced Calculus	2
Minimum semester credit hours required for mathematics education major:	37



More Information

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FERRIS STATE UNIVERSITY

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