



FOUR-YEAR PROGRAM COMPLETION PLAN

Department of Mathematics

-- Domain General Education courses and open electives may be taken in any semester and in any order, except for Common Core Domain requirements, which must be taken during Year One.

--Please refer to your Degree Audit for specific course requirements.

Recommended Schedule for Bachelor of Science: Major in Mathematics, Coordinate Major in Early/Elementary Eductn (UMAE):

Year One: Fall Semester	Year One: Spring Semester
MATH 110 College Mathematics I	MATH 206 Discrete Mathematics I
MATH 219 Calculus I	MATH 220 Calculus II
ENGL 110 Expository Writing	CSCI Computer science course
Domain General Education Course	Domain General Education Course
Year Two: Fall Semester	Year Two: Spring Semester
MATH 226 Linear Algebra	MATH 120 College Mathematics II
MATH 221 Calculus III	MATH 157 Probability and Statistics
EDUC 200 Field Study I	PSYC 200 Psychology of Development
Domain General Education Course	Domain General Education Course
Year Three: Fall Semester	Year Three: Spring Semester
MATH 322 History of Mathematics	MATH 319 Abstract Algebra
Mathematics Elective (300 level or higher)	Mathematics Elective (300 level or higher)
EDUC 322 Field Study II Elem. OR EDUC 320 Field Study II Early	Domain General Education Course
EDUC 222 Sheltered English Immersion	Domain General Education Course
Year Four: Fall Semester	Year Four: Spring Semester
EDUC 341 Elementary Education with Field Study III EDUC 346 Elementary Curriculum	EDUC 437 Elementary Professional Practicum A (2 course-credits) EDUC 438 Elementary Professional Practicum B (2 course-credits)
EDUC 374 Early Childhood Education with Field Study III EDUC 376 Early Childhood Curriculum	OR
Domain General Education Course	EDUC 431 Early Childhood Professional Practicum A (2 course-credits) EDUC 432 Early Childhood Professional Practicum B (2 course-credits)
Open/Free Elective	

Domain General Education Checklist:

- Domain II-A is fulfilled through completion of the major.

Common Core:	___	A. ENGL 110 Expository Writing
	___	B. MATH XXX (credit-bearing)
Domain I:	___	A. Creative Arts
	___	B. Humanities
	___	C. Language
Domain II:	<u> X </u>	A. Analysis, Modeling, Problem Solving
	___	B. Natural Sciences (two courses)
Domain III:	___	A. Perspectives on the Past
	___	B. Perspectives on Contemporary World
	___	C. Global Competency, Ethical Reasoning, Human Diversity