



### 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: Majoring in Mathematics, Minor in Secondary Education (UMAT):**

Year One: Fall Semester	Year One: Spring Semester
MATH 157 Probability and Statistics	MATH 206 Discrete Mathematics I
MATH 219 Calculus I	MATH 220 Calculus II
ENGL 110 Expository Writing	Domain General Education Course
Domain General Education Course	Computer Science Course

Year Two: Fall Semester	Year Two: Spring Semester
MATH 221 Calculus III	MATH 317 Higher Geometry
MATH 226 Linear Algebra and Applications	Mathematics Elective (300-level or higher)
EDUC 200 Field Study I	Domain General Education Course
PSYC 200 Psychology of Development	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 222 Sheltered English Immersion	Domain General Education Course
Domain General Education Course	Domain General Education Course

Year Four: Fall Semester	Year Four: Spring Semester
MATH 427 Real Analysis	EDPS 423A Secondary Professional Practicum A: Mathematics 5-8 EDPS 423B Secondary Professional Practicum B: Mathematics 5-8
Mathematics Elective (300-level or higher)	OR
EDIL 302 Secondary Methods with Field Study II: Special Needs and Educational Technology	EDPS 424A Secondary Professional Practicum A: Mathematics 5-8 EDPS 424B Secondary Professional Practicum B: Mathematics 5-8
EDIL 323 Secondary Methods with Field Study II: Mathematics 5-8/8-12	

#### **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