



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.

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| 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 |