

Sample Four-year Plan for Mathematics Education

Note: The four-year plan is for example purposes only. Students should refer to the catalog in effect upon their entry to Viterbo for more specifics on requirements of the core curriculum, major, and degree. Some courses have certain semester rotations that may or may not be reflected below. Your advisor will assist you with actual registration planning to accommodate these rotations. For complete information, see the current undergraduate catalog.

Fall Semester – First Year		Spring Semester – First Year	
ENGL 103/104/105 – CCF Written Communication	3-4	ENGL 104/105/195 – CCF Written Communication	3-4
CCWOT (Recommend Historical Analysis)	3	EDUC 215 – Educational Psychology (CCF Oral Communication)	3
VUSM FVT – Franciscan Values and Traditions	3	MATH 221 – Calculus II	4
EDUC 150 – Introduction to Education	2	MATH 260 – Introduction to Abstract Math	4
INFO 103 – Spreadsheet Fundamentals	1		
MATH 220 – Calculus I (CCF Quantitative Literacy)	4		
TOTAL CREDITS	16-17	TOTAL CREDITS	14-15
Fall Semester – Second Year		Spring Semester – Second Year	
CCWOT (Recommend Theological Inquiry)	3	CCWOT (Recommend Literary Analysis) ¹	3
EDUC 255 – Curriculum, Instruction, and Assessment	3	EDUC 306 – Disability and the Inclusive Classroom	3
MATH 230 – Elements of Statistics	4	EDUC 316 – Technology-Enhanced Instruction	2
PHYS 260/270 – University Physics I and Lab (CCWOT Natural Sciences)	4	MATH 365 – Mathematical Modeling (CCF Written Communication II)	4
General Elective/Minor ³	3	MATH 450 – Geometry	3
TOTAL CREDITS	17	TOTAL CREDITS	15
Fall Semester – Third Year		Spring Semester – Third Year	
CCWOT (Recommend Natural Science) ²	4	CCWOT (Recommend Artistic Engagement)	3
VUSM SCG – Serving the Common Good	3	CCWOT (Recommend Philosophical Inquiry)	3
EDUC 330 – Secondary Disciplinary Literacy Practices	3	EDUC 302 – Diverse Learners K-12 (VUSM LDW – Living in a Diverse World)	3
MATH 325 – Differential Equations and Linear Algebra	4	EDUC 390 – Positive Classroom Environment 4-12	3
PSYC 310 – Child and Adolescent Psychology (CCWOT Social Sciences)	3	MATH Elective ⁴	3-4
TOTAL CREDITS	17	TOTAL CREDITS	15-16
Fall Semester – Fourth Year		Spring Semester – Fourth Year	
CCWOT (Recommend Integrating Faith and Practice)	3	EDUC 459 – Student Teaching	9
VUSM TEL- The Ethical Life	3	EDUC 482 – Student Teaching Seminar	2
EDUC 300 – Techniques of Secondary Methodology	3	EDUC 483 – Professional Portfolio Development	2
MATH Elective ³	3-4		
General Elective/Minor ⁴	3		
TOTAL CREDITS	15-16	TOTAL CREDITS	13

NOTES:

¹Literary Analysis – Recommend EDUC 280 – Child and Adolescent Literature

²Natural Science – Recommend ENV 101 – Environmental Science AND PHYS 260/270 – University Physics I and II

³Choose two electives from the following: MATH 320 – Calculus III; MATH 335 – Data Analysis; MATH 344 – Abstract Algebra; MATH 420 – Real Analysis; MATH 498 – Analytics Capstone I; or MATH 499 – Analytics Capstone 2

⁴Students must complete 120 credits (including 40 credits upper division) for BS degree.

Also, note that MATH 112 – College Algebra and MATH 113 – Trigonometry are prerequisites and need to be completed if not previously done so.

ADDITIONAL REQUIREMENTS:

1. See catalog for GPA requirements, admission to Teacher Education Program, and admission to Student Teaching and other graduation requirements.
2. Students must earn a minimum of 120 semester credits, 40 semester credits must be upper division (courses with 300/400 number).
3. Students must earn a minimum grade point average of 3.0 in major course requirements.
4. Students must pass the Professional Portfolio process as determined by the Education department prior to licensure.