

Sample Four-year Plan for Mathematics

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	CCWOT (Recommend Artistic Engagement)	3
CCWOT (Recommend Theological Inquiry)	3	CCWOT (Recommend Social Sciences)	3
VUSM FVT – Franciscan Values and Traditions	3	MATH 221 – Calculus II ¹	4
MATH 220 – Calculus I ¹ (CCF Quantitative Literacy)	4	MATH 260 – Introduction to Abstract Math (spring even)	4
TOTAL CREDITS	16–17	TOTAL CREDITS	17–18
Fall Semester – Second Year		Spring Semester – Second Year	
VUSM LDW – Living in a Diverse World	3	CCF Oral Communication	2
CCF Written Communication II	3	CCWOT (Recommend Philosophical Inquiry) ³	3
MATH 320 – Calculus III (fall even)	4	MATH 344 – Abstract Algebra (spring odd)	4
MATH 230 – Elements of Statistics	4	General Elective/Minor ²	3
General Elective/Minor ²	3	General Elective/Minor ²	3
TOTAL CREDITS	17	TOTAL CREDITS	15
Fall Semester – Third Year		Spring Semester – Third Year	
VUSM SCG – Serving the Common Good	3	CCWOT (Recommend Literary Analysis)	3
MATH 340 – Linear Algebra (fall odd)	3	CCWOT (Recommend Integrating Faith and Practice)	3
MATH 420 – Real Analysis (fall odd)	4	MATH 321 – Differential Equations (spring even)	3
PHYS 260 – University Physics I (CCWOT Natural Science)	3	General Elective/Minor ^{2,4}	3
PHYS 270 – Introductory Physics Lab I	1	General Elective/Minor ^{2,4}	1–3
TOTAL CREDITS	14	TOTAL CREDITS	13–15
Fall Semester – Fourth Year		Spring Semester – Fourth Year	
VUSM TEL – The Ethical Life	3	MATH 365 – Mathematical Modeling (spring odd)	3
MATH 330 – Probability Theory and Statistics (fall even)	3	MATH 450 – Geometry (spring odd)	3
MATH 499 – Mathematics Seminar	1	General Elective/Minor ²	3
General Elective/Minor ²	3	General Elective/Minor ²	3
General Elective/Minor ²	3	General Elective/Minor ²	3
TOTAL CREDITS	13	TOTAL CREDITS	15

NOTES

¹Contingent on math placement; if placed in MATH 112, student must take MATH 112 and 113 before MATH 220.

²A minor is recommend. Students must complete 120 credits (including 40 credits upper division) for B.S. degree.

³PHIL 105 – Critical Thinking is recommend as the CCWOT Philosophy course.

⁴PHYS 261 and 271 strongly recommended.