Secondary Teacher Preparation in Mathematics (BA)
Fast Track: Sample 4-year plan

Note to students: The fast track in mathematics teacher preparation is for highly-motivated students who like mathematics and are good at it. The schedule below assumes that you are entering Westmont with credit for MA-9 and MA-10; Calculus I & II. Requirements will differ if you enter Westmont without AP or college credit. Remember that this is a SAMPLE. Your schedule, for many reasons, will probably not end up looking exactly like this. What's shown is a "fast-track" schedule. Be aware that you also have the option of completing the Math major over a four-year period, with a fifth year reserved for your teaching credential. Please confer with you Math department advisor as major requirements sometimes change. Pre-requisites for the Education Program are in bold.

Fall	units	Spring	units
ENG 2: Composition (CS: A1)	4	MA 20: Linear Algebra	4
MA 15: Discrete Mathematics (CI: D)	4	GE Common Inquiry: Physical Science[1]	4
GE Common Context (see options below)	4	GE Common Context	4
GE Common Skill: Foreign Language	4	GE Common Context	4
PE 32: Fitness for Life (CS: D)	1	PEA (CS: D)	1
Total Units	17		17
MA 19: Multivariable Calculus (CS: B)	4	GE Common Context	4
MA 108 Analysis or MA 110 Abstract Algebra (CS: A2)	4	MA Breadth	4
GE Common Context	4	GE Common Inquiry: A, C, E, G, H	4
GE Common Inquiry: A, C, E, G, H	4	**ENG 106: Language Acquisition**	4
KNS 156: Health Education	2	PEA (CS: D)	1
Total Units	18		17
ED 105: Cultural Diversity (CI: F)	4	GE Common Inquiry: A, C, E, G, H	4
GE Common Inquiry: A, C, E, G	4	GE Common Inquiry: A, C, E, G, H	4
MA 108 Analysis or MA 110 Abstract Algebra	4	**ED 101: Explorations in Teaching** (CA: B1)	4
MA Breadth	4	MA 180: Capstone Problem Solving	4
PEA (CS: D)	1	**ED 161: Technology for the Classroom Teacher**	2
Total Units	17		18
ED 111: Educational Psychology	4	ED 151: Curriculum, Management, Instruction	2
ED 124: Mathematics Curri. & Instruc. Planning	4	ED 191: Student Teaching	12
ED 171: Content Area Literacy	4	ED 196: Student Teaching seminar	3
ED 130: Special Education	2		
Total Units	14		17

Courses in bold print are pre-requisites for the ED program.

Westmont General Education Requirements

Common Context (CC)	Common Inquiries (CI)	Common Skills (CS)	Compassionate Action (CA)
RS 1: Old Testament RS 10: New Testament RS 20: Christian Doctrine PHI 6: Philosophical Reflections HIS 10: World History Christian Pers.	A. Reading Imaginative Literature B. Exploring the Physical Sciences C. Exploring the Life Sciences D. Reasoning Abstractly E. Working Artistically F. Thinking Globally G. Thinking Historically H. Understanding Society	A1. Writing for the Liberal Arts A2. Writing within the major A3. Writing outside the major Writing requirements are often fulfilled while taking other classes. B. Quantitative/Analytical Reasoning C. Modern/Foreign Language D. Physical Education (4 classes)	One course: B1. Serving Society; Enacting Justice B2. Communicating Cross-culturally

Assumptions underlying this plan:

- With careful planning, a student with AP credits for Calculus may pursue a BS Degree.
- This program will work for the BA degree.
- GE requirements for Reasoning Abstractly and Quantitative & Analytical Reasoning will be fulfilled within major.

[1] Student should take a course that also fulfills major options (e.g. CHM 5 or PHY 21)