

Secondary Teacher Preparation in Math 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 Math department advisor as major requirements sometimes change. Pre-requisites for the Education Program are in bold.

	Fall	units	Spring	units
First Year	MA 19: ¹ Multivariable Calculus (CS: B)	4	MA 15: Discrete Mathematics (CI: D)	4
	GE Common Context (see options below)	4	MA 20: Linear Algebra	4
	GE Common Context	4	GE Common Context	4
	GE Common Skill: Foreign Language	4	ENG 2: Composition (CS: A1)	4
	PE 32: Fitness for Life (CS: D)	1	PEA (CS: D)	1
	Total Units	17		17
Second Year	MA 108 Analysis or MA 110: Mod. Algebra (CS: A2)	4	GE Common Context	4
	MA Breadth	4	GE Common Inquiry: Physical Science ²	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	ED 161: Technology for the Classroom Teacher	2
	PEA (CS: D)	1		
	Total Units	19 overload		18
Third Year	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: Modern Algebra	4	ED 101: Explorations in Teaching (CA: 1)	4
	MA Breadth	4	Elective	4
	MA 180: Problem Solving Seminar	1	MA 180: Problem Solving Seminar	1
	PEA (CS: D)	1		
	Total Units	18		13
Fourth Year	MA – Capstone (CCA: A3)	4	ED 151: Curriculum, Management, Instruction	2
	ED 111: Educational Psychology	4	ED 191: Student Teaching	12
	ED 124: Mathematics Curri. & Instruc. Planning	4	ED 196: Student Teaching seminar	3
	ED 171: Content Area Literacy	4		
	ED 130: Special Education	2		
	Total Units	18		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:

- This program will work for the BA degree, but not for the BS degree.
- This program will work only for a very talented student in two respects, namely (1) that the student be able to begin the program with third-semester calculus in the fall of the first year; and (2) that the student take the first foundational course in our major (MA 108 or MA 110) in the second year—this program has been a challenge for students in the past.
- GE requirements for Reasoning Abstractly and Quantitative & Analytical Reasoning will be fulfilled within major.

¹ This schedule assumes that student entered with AP credit for MA 9 and MA 10

² Student should take a course that also fulfills major options (e.g. CHM 5 or PHY 21)

Milestones:

Steps toward earning a Preliminary Secondary (Single Subject) Teaching Credential on a fast-track at Westmont*



First Year	<ul style="list-style-type: none"> ___ Make sure to have two advisors: one advisor in your major field of study and a secondary advisor from the Education Department. Complete, if necessary, the "Change of Advisor" form available from the Records Office. ___ Meet with both advisors and discuss if a fast-track option could work for you.
Second Year	<ul style="list-style-type: none"> ___ Complete an official "Declaration of Major" form available from the Records Office. Circle your major field of study. ___ Review the pre-requisite courses/requirements for earning a Teaching Credential. ___ Work out a four-year program of study with your advisor, especially if you're thinking of spending a semester in an off-campus program. You may decide it's wiser to not do the fast-track – in this case, work out a five-year program of study.
Third Year	<ul style="list-style-type: none"> ___ Meet with Education advisor at beginning of third year. ___ Maintain a 2.75 GPA if you plan to apply to Westmont's Credential Program. ___ During the fall, register for all sections of Single Subject CSETs for your content area. CSETs need to be taken by February 15. ___ Fulfill the Basic Skills requirement (For options see: www.ctc.ca.gov/credentials/leaflets/cl667.pdf) ___ By February 15, complete an application for Westmont's Credential Program. ___ When making housing plans for your senior year, remember you need to live off-campus during the Spring semester, if you wish to be eligible for the 55% tuition scholarship. (Note: Ocean View counts as "off-campus" even though it's college-owned). Given the difficulty of moving over Christmas break, most seniors in the Credential program live off campus the entire year. ___ Schedule a time to take the Westmont-administered US Constitution exam (see Program Assistant for details). ___ Plan to take an in-person CPR course for infants, children, and adolescents.
Fourth Year*	<ul style="list-style-type: none"> ___ Make sure, as a fast-track students, that you've completed ALL requirements to receive your BA in December and thus become eligible for the tuition discount during the Spring semester of student teaching. You may not graduate deficient in December. ___ For students in Westmont's Credential Program, stay in close touch with the Program Assistant and review the "Stepping Stones towards a Teaching Credential" for completing a professional teaching credential.

*These milestones are set up for fast-track students (students are who completing both a BA in a content area and the Teacher Credential Program in four years). Students who wish to do a fifth-year Teacher Credential Program, either at Westmont or elsewhere, will complete most of the items listed her under "Third Year" during their fourth year.