

## Secondary Teacher Preparation in Chemistry (BA degree) Fast Track: Sample 4-year plan



*Note to students: 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 Chemistry major over a four-year period, with a fifth year reserved for your teaching credential. Requirements will differ if you enter Westmont with AP or college credit. Please confer with Chemistry department advisor as major requirements sometimes change. Pre-requisites for the Education program are in bold.*

	Fall	units	Spring	units
<b>First Year</b>	CHM 5 or 5H: General Chemistry I (CI: B, CS: B)	4	CHM 6 or 6H: General Chemistry II	4
	MA 9 : Calculus I (CI: D)	4	MA 10: Calculus II	4
	GE Common Context (see options below)	4	GE Common Context	4
	ENG 2: Composition (CS: A1)	4	BIO 5: General Biology (CI: C)	4
	PE 32: Fitness for Life (CS: D)	1	PEA (CS: D)	1
	Total Units	17		17
<b>First Year May Term or Summer:</b>				
Foreign Language (CS: C) (3-4 units)				
<b>Second Year</b>	CHM 101: Organic Chemistry I	4	CHM 102: Organic Chemistry II	4
	PHY 11, 12 (4,1) or PHY 21, 22 (4,1)	5	CHM 121: Intro to Analytical Chemistry	4
	GE Common Context	4	PHY 13, 14 (4,1) or PHY 23, 24 (4,1)	5
	ENG 6: Studies in Lit (CI: A)	4	GE Common Inquiry: E, G, or H	4
	PEA (CS: D)	1	PEA (CS: D)	1
	Total Units	18	APP 198	0
				18
<b>Third Year</b>	CHM 113: Elem. Biochemistry)	4	GE Common Inquiry: E, G, or H	4
	GE: Common Context	4	CHM 135: Introductory Physical Chemistry	3
	<b>ED 105: Cultural Diversity</b> (CI: F, CS: A3)	4	CHM 133: Physical Chemistry Lab	1
	<b>ED 161: Computers for the Classroom Teacher</b>	2	CHM 195: Chemistry Seminar (CS: A2)	2
	GE Common Inquiry: E, G, or H	4	GE Common Context	4
	Total Units	18	<b>ED 101: Explor. in Teaching</b> (CS: A3; CA: 1)	4
				18
<b>Third Year May Term or Summer:</b>				
<b>ENG 106: Language Acquisition</b> (4 units)				
<b>Fourth Year</b>	ED 111: Educational Psychology	4	ED 151: Curriculum, Management, Instruction	2
	ED 125: Science Curri. & Instructional Planning	4	ED 191: Student Teaching	12
	ED 171: Content Area Literacy	4	ED 196: Student Teaching seminar	3
	ED 130: Special Education	2		
	<b>KNS 156: Health Education</b>	2		
	Total Units	16		17

Recommended courses: CHM 104, CHM 122

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: 1. Serving Society; Enacting Justice 2. Communicating Cross-culturally

# Milestones:

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



<b>First Year</b>	<ul style="list-style-type: none"> <li>___ 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.</li> <li>___ Meet with both advisors and discuss if a fast-track option could work for you.</li> </ul>
<b>Second Year</b>	<ul style="list-style-type: none"> <li>___ Complete an official "Declaration of Major" form available from the Records Office. Circle your major field of study.</li> <li>___ Review the pre-requisite courses/requirements for earning a Teaching Credential.</li> <li>___ 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.</li> </ul>
<b>Third Year</b>	<ul style="list-style-type: none"> <li>___ Meet with Education advisor at beginning of third year.</li> <li>___ Maintain a 2.75 GPA if you plan to apply to Westmont's Credential Program.</li> <li>___ <b>During the fall, register for all sections of Single Subject CSETs for your content area. CSETs need to be taken by February 15.</b></li> <li>___ <b>Fulfill the Basic Skills requirement</b> (For options see: <a href="http://www.ctc.ca.gov/credentials/leaflets/cl667.pdf">www.ctc.ca.gov/credentials/leaflets/cl667.pdf</a>)</li> <li>___ By February 15, complete an application for Westmont's Credential Program.</li> <li>___ 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.</li> <li>___ Schedule a time to take the Westmont-administered US Constitution exam (see Program Assistant for details).</li> <li>___ Plan to take an in-person CPR course for infants, children, and adolescents.</li> </ul>
<b>Fourth Year*</b>	<ul style="list-style-type: none"> <li>___ 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.</li> <li>___ 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.</li> </ul>

\*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.