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
CHM 5 or 5H: General Chemistry I (CI: B, CS: B)	4	CHM 6 or 6H: General Chemistry II	4
MA 9: Elementary Calculus I (CI: D)	4	MA 5: Statistics	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
First Year May Term or Summer: Foreign Language (CS: C) (3-4 units)			
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	APP 198	0
Total Units	18		17
CHM 113: Elem. Biochemistry	4	GE Common Inquiry: E, G, or H	4
GE: Common Context	4	CHM 135: Introductory Physical Chemistry	3
ED 105: Cultural Diversity (CI: F, CS: A3)	4	CHM 133: Physical Chemistry Lab	1
ED 161: Computers for the Classroom Teacher	2	GE Common Context	4
GE Common Inquiry: E, G, or H	4	PEA (CS: D)	1
		ED 101: Explor. in Teaching (CS: A3; CA: 1)	4
Total Units	18		17
Third Year May Term or Summer: **ENG 106: Language Acquisition** (4 units)			
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		
CHM 195: Chemistry Seminar (CS: A2)	1		
KNS 156: Health Education	2		
Total Units	17		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