Secondary Teacher Preparation in Biology
Fast Track: Sample 4-year plan

Note to students: Remember that this is a SAMPLE. What's shown is a "fast-track" schedule. Be aware that you also have the option of completing Biology major over a four-year period, with a fifth year reserved for your teaching credential. Students will in many cases wish to, or need to, take courses in a different order than what's shown. Requirements will differ if you Westmont with AP or college credit. Please confer with Biology department advisor as major requirements sometimes change. Pre-requisites for the Education program are in bold.

Fall	units	Spring	Units
CHM 5: General Chemistry I (CI: B)	4	CHM 6: General Chemistry II	4
GE Common Context (see options below)	4	BIO 5: General Biology I (CI: C)	4
GE Common Context	4	MA 5: Statistics (CS: B)	4
ENG 2 Comp. (CS: A1)	4	GE Common Context	4
PE 32: Fitness for Life (CS: D)	1	PEA (CS: D)	1
Total Units	17		17
First Year May term or Summer: GE Common Skill: Foreign Language requirement – 3-4 units; Common Inquiry: A, D, E, G, or H -- 3-4 units			
BIO 6: General Biology II	4	BIO 114: Genetics	4
Math or Phy. Sci course (e.g., PHY 11: Physics I	4	Math or Phy. Sci. course (e.g., PHY 13: Physics II)	4
Upper Division Science Elective	4	Upper Division Science Elective	4
GE Common Inquiry: A, D, E, G, or H	4	GE Common Context	4
PEA (CS: D)	1	**ED 161: Technology for the Classroom Teacher**	2
		PEA (CS: D)	1
Total Units	17		19 overload
Second Year May Term or Summer: Two GE Common Inquiry courses: A, D, E, G or H – 6-8 units			
BIO 113/130/132	4	BIO 104/125/128/129	4
BIO 102/108/110/160	4	BIO 195: Seminar in Biological Lit.	1
ED 105: Cultural Diversity (CI: F)	4	BIO 196: Seminar in Bioethics	1
ENG 106: Language Acquisition	4	Upper Division Science Elective	4
KNS 156: Health Education	2	GE Common Context	4
		ED 101: Explorations in Teaching (CA: 1)	4
Total Units	18		18
Third Year May Term or Summer: GE Common Inquiry: A, D, E, G or H – 3-4 units; Upper Division Science Electives – 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		
Practicum	2		
Total Units	16		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: 1. Serving Society; Enacting Justice 2. Communicating Cross-culturally

Assumptions Underlying this plan:

1. That students will meet the 2 advanced Writing for the Liberal Arts requirements through courses already listed here.
2. That student will fulfill Common Skills: B (Quantitative and Analytical Reasoning) at the same time as one of the Common Inquiry Courses.
3. That student will fulfill requirements for Common Inquiry Components B and C as part of the Major.
4. Note that this schedule assumes NO advanced placement units. Students who come in with units that are accepted toward major or GE requirements obviously have somewhat greater flexibility in completing the Biology major and teaching credential in four years.