

Updated 10/27/2014

FRESHMAN			SOPHOMORE			JUNIOR			SENIOR		
Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring
Diversity and History of Life BIO 160 (4)	Introduction to Cell and Molecular Biology BIO 161 (4)* [B2/B4]	Introduction to Organismal Form and Function BIO 162 (4) (BIO 161)	Introductory Ecology and Evolution BIO 263 (4) (BIO 160 or 161)	Biological Diversity (4)² *	Ecology (BIO 325) / BOT 326 / MCR0 436 (4)³ *	Principles of Genetics BIO 351 (5) (BIO 161. Coreq: CHEM 216, 312, or 316)	Cell Biology BIO 452 (4)*	Evolution BIO 414 (4) (BIO 263, BIO 303 or 351)	Principles of Physiology BIO 361 (4) (BIO 162; CHEM 216, 312, or 316)	Vertebrate / Human Anatomy & Physiology I BIO 432 (5) (BIO 361)	Vertebrate / Human Anatomy & Physiology II BIO 433 (5) (BIO 361 or Instr. Con.)
General Chemistry I CHEM 127 (4) * [B3/B4]	General Chemistry II CHEM 128 (4) (CHEM 127)	General Chemistry III CHEM 129 (4) (CHEM 128)	Organic Chemistry CHEM 216 (5) (CHEM 129) or CHEM 312 (5) (CHEM 127)	Biochemistry CHEM 313 (5) (CHEM 212, 216, 312, or 316) OR CHEM 371 (5) (CHEM 217 or 317; BIO 161)	GE (4) *	Advisor Approved Elective (4)⁴ *	Advisor Approved Elective (4)⁴ *	Senior Project - Research BIO 461 or 462 (2)⁵ (Junior Standing)	Advisor Approved Elective (4)⁴ *	Advisor Approved Elective (4)⁴ *	Advisor Approved Elective (4)⁴ *
Free Elective (2) ¹ Suggested Option: SCM 150 Workshop	Calculus for the Life Sciences I MATH 161 (4) * [B1]	Calculus for the Life Sciences II MATH 162 (4) (MATH 161) [B1]	College Physics I PHYS 121 (4) (MATH 118 or 119)	College Physics II PHYS 122 (4) (PHYS 118, 121, 131, or 141)	College Physics III PHYS 123 (4) (PHYS 118, 121, 131, or 141)	GE (4) *	GE (4) *	GE (4) *	GE (4) *	GE (4) *	GE (4) *
		Free Elective (1) ¹ Suggested Option: SCM 150 Workshop	Free Elective (2) ¹ Suggested Option: SCM 150 Workshop	Applied Statistics for the Life Sciences STAT 218 (4) *	GE (4) *		GE (4) *	GE (4) *	GE (4) *		
Expository Writing ENGL 133/134 (4) [GE A1] Can be taken anytime during Freshman Year											
Oral Communication COMS 101/102 (4)* [A2] Can be taken anytime during Freshman Year											
			Reasoning, Argumentation, & Writing [A3] COMS 126; COMS/ENGL 145; ENGL 148; PHIL 126 (4) (Completion of GE A1 with a C- or better) Can be taken anytime between Winter of Freshman and Winter of Sophomore Years								
						Graduation Writing Requirement GWR* (Can be taken any time after 90 earned units)					
14	16	17	15	17	16	13	16	14	16	13	13
										TOTAL:	180

Notes:

MOST GENERAL EDUCATION COURSES CAN BE TAKEN IN ANY ORDER AS LONG AS PREREQUISITES ARE MET

* Refer to current catalog for prerequisites.

*One course from each of the following GE areas must be completed: A1, A2, A3, C1, C2, C3, C4, C1-C4 elective, D1, D2, D3, D4, D5 and F.

C4, D5 and F should be taken only after Junior standing is reached (90 units).

Refer to online catalog for GE course selection, United States Cultural Pluralism (USCP) and Graduation Writing Requirement (GWR).

USCP requirement can be satisfied by some (but not all) courses within GE categories: C3, C4, D1, D3, D4, D5 or F.

¹ 5units of elective credit required for the degree. SCM 150 workshops for Math/Science courses recommended.

² See curriculum display for Biodiversity options. Many pre-health students choose MCR0 224 for this category.

³ See curriculum display for other Ecology options. BIO 325 no longer offered.




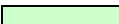

⁴ Total of 20 units required. See curriculum display for approved electives. Consultation with faculty advisor is recommended prior to selecting approved electives.

⁵ Bio 461 or 462 may be chosen. The planning for Bio 462 senior project should start early during the junior year.

† Course can be taken previously or concurrently.

For information on health profession careers, refer to the Health Professions website: www.healthprofessions.calpoly.edu.

Legend:

Course Title		Major (39)
Course # (Units) (Prerequisite)		Support (41)
[GE Area]		Concentration (39)
		General Ed. (56)
		Free Electives (5)