

11-13 Biological Sciences Major (Anatomy and Physiology Concentration with a PreMed Professional Goal) 180 units required

The following plan is just one EXAMPLE of how to schedule classes to graduate in 4 years. Other schedules may be equally valid. Work with your advisor to develop a plan that meets your needs. Be sure to check your Degree Progress Report (DPR) frequently to ensure you are meeting all degree requirements.

Last updated: 5/28/11

	FRESHMAN YEAR - See a Health Profession Peer Advisor in Bldg. 33-153			SOPHOMORE YEAR - Begin gaining community service, leadership & clinical experience		
	Year. 1 Fall	Year. 1 Winter	Year. 1 Spring	Year. 2 Fall	Year. 2 Winter	Year. 2 Spring
	BIO 160 (4)	BIO 161 (4)	BIO 162 (5)	BIO 263 (4)	MCRO 224 (5)¹	STAT 218 (4)
	CHEM 127 (4)	CHEM 128 (4)	CHEM 129 (4)	CHEM 316 (5)	CHEM 317 (5) [Advisor Approved Elective] ²	CHEM 318 (3) [Advisor Approved Elective] ²
	ENGL 134 (4)³ [GE A1] or COMS 101/102 [GE A2]	GE A1/A2 ³ (4)	GE A3 (4)³ [Take English 145/148. Prerequisite: GE A1 & A2]	PHYS 121 (4)	PHYS 122 (4)	PHYS 123 (4)
	Elective: (2) Suggested Option: [SCM 150 workshops for BIO/CHEM courses]	MATH 161 (4)	MATH 162 (4)	GE Course (4) ³		GE Course (4) ³
		Elective: (1) Suggested Option: [SCM 150 workshop]	Elective: (1) Suggested Option: [SCM 150 workshop]			
Total Units	14	17	18	17	14	15

	JUNIOR YEAR See the Health Professions Advising Office in Fall quarter regarding medical school application timeline and process.			SENIOR YEAR Prepare for application process - letters of reference, personal statement essay, MCAT exam, etc.		
	Year. 3 FALL	Year. 3 Winter	Year. 3 Spring	Year 4. Fall	Year 4. Winter	Year 4. Spring
	Ecology (4)	BIO 414 (4)	BIO 452 (4)	BIO 361 (4) [Physiology]	BIO 432 (5)	BIO 433 (5)
	BIO 351 (5)	CHEM 371⁵/313 (5)	BIO 461 or 462 ⁴ (2)	[Advisor Approved Elective] ² (4)	[Advisor Approved Elective] ² (4)	[Advisor Approved Elective] ² (4)
	GE Course (4) ³	GE Course (4) ³	GE Course (4) ³	GE Course (4) ³ [upper division C4, D5, F]	GE Course (4) ³ [upper division C4, D5, F]	GE Course (4) ³ [upper division C4, D5, F]
	GE Course (4) ³	GE Course (4) ³	GE Course (4) ³			
Total Units	17	17	14	12	13	13

¹ Satisfies the Biological Diversity requirement for the degree.

² Total of 20 units required. Consultation with faculty advisor is recommended prior to selecting approved electives.

Chem 317/318 are pre-approved. 8 of the 20 units must be from the Biology department.

³ Choose one course from each of the following GE areas: A1, A2, A3; C1, C2, C3, C4, C1-C4; D1, D2, D3, D4, D5; F.

Note: Some GE courses will also meet the USCP and GWR requirements.

⁴ Bio 461 or 462 may be chosen. The planning for Bio 462 senior project should start early during the junior year.

⁵ Chem 371 is strongly recommended for medical, dental, pharmacy and other graduate school preparation.

BOLD: Satisfies the pre-requisite courses for most medical schools. For more information, please visit:

www.healthprofessions.calpoly.edu