

## 09-11 Biological Sciences Major (Anatomy and Physiology Concentration with a PreMed Professional Goal)

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: 7/20/09

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

	<b>JUNIOR YEAR</b> See the Health Professions Advising Office in Fall quarter regarding medical school application timeline and process.			<b>SENIOR YEAR</b> 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 325/Bot 326/Mcro 436)	BIO 414 (4)	BIO 452 (4)	BIO 361 (4)	BIO 432 (5)	BIO 433 (5)
	BIO 351 (5)	<b>CHEM 371<sup>5</sup>/313 (5)</b>	BIO 461 or 462 <sup>4</sup> (2)	[Advisor Approved Elective] <sup>2</sup> (4)	[Advisor Approved Elective] <sup>2</sup> (4)	[Advisor Approved Elective] <sup>2</sup> (4)
	GE Course (4) <sup>3</sup>	GE Course (4) <sup>3</sup>	GE Course (4) <sup>3</sup>	GE Course (4) <sup>3</sup> [upper division C4, D5, F]	GE Course (4) <sup>3</sup> [upper division C4, D5, F]	GE Course (4) <sup>3</sup> [upper division C4, D5, F]
	GE Course (4) <sup>3</sup>	GE Course (4) <sup>3</sup>	GE Course (4) <sup>3</sup>			
Total Units	17	17	14	12	13	13

<sup>1</sup> Satisfies the Biological Diversity requirement for the degree.

<sup>2</sup> To be chosen with faculty advisor approval. Total of 20 units required. Chem 317/318 are pre-approved. 8 of the 20 units must be from the Biology department.

<sup>3</sup> 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. <sup>4</sup> Bio 461 or 462 may be chosen. The planning for Bio 462 senior project should start early during the junior year.

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

**BOLD: Pre-requisite courses for most medical schools. For more information, please visit: [www.healthprofessions.calpoly.edu](http://www.healthprofessions.calpoly.edu)**