

## 09-11 Biological Sciences Major (Anatomy and Physiology Concentration)

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

**Courses may not always be taught in the quarter shown. Check with the Biology Department for the most current list of projected course offerings. Last Updated: 7/20/09**

	FRESHMAN YEAR			SOPHOMORE YEAR		
	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)	Biodiversity (4) <sup>4</sup>	Ecology (4) (Bio 325/Bot 326/Mcro 436)
	CHEM 127 (4)	CHEM 128 (4)	CHEM 129 (4)	CHEM 312/316 (5) [Choose either 312 & 313 <u>or</u> 316 & 317 & 371 <u>or</u> 313]	CHEM 313/371 (5) [316 & 317 are prerequisites for 371]	GE Course (4) <sup>3</sup> [Lower Division GE ]
	GE A1/A2 <sup>3</sup> (4)	MATH 161 (4)	MATH 162 (4)	PHYS 121 (4)	PHYS 122 (4)	PHYS 123 (4)
	Elective: (2) <sup>1</sup> Suggested Option: [SCM 150 workshops]	GE A1/A2 <sup>3</sup> (4)	Elective: (2) <sup>1</sup> Suggested Option: [SCM 150 workshop]	GE A3 (4) <sup>3</sup> [Prerequisite: GE A1 & A2]	STAT 218 (4)	GE Course (4) <sup>3</sup> [Lower Division GE]
Total Units	14	16	15	17	17	16

	JUNIOR YEAR –see your advisor regarding graduation requirements.			SENIOR YEAR		
	Year. 3 FALL	Year. 3 Winter	Year. 3 Spring	Year 4. Fall	Year 4. Winter	Year 4. Spring
	BIO 351 (5)	BIO 414 (4)	BIO 452 (4)	BIO 361 (4)	BIO 432 (5)	BIO 433 (5)
	[Advisor Approved Elective] <sup>2</sup> (4)	[Advisor Approved Elective] <sup>2</sup> (3-4)	BIO 461 or 462 <sup>5</sup> (2)	[Advisor Approved Elective] <sup>2</sup> (4)	[Advisor Approved Elective] <sup>2</sup> (4)	[Advisor Approved Elective] <sup>2</sup> (4-5)
	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>	GE Course (4) <sup>3</sup>		
Total Units	17	15-16	14	16	13	13-14

<sup>1</sup> 4 units of elective credit required for the degree. SCM 150 workshops for Math/Science courses recommended.

<sup>2</sup> Total of 20 units required. To be chosen with faculty advisor approval. Submit concentration (signed by faculty advisor) form to the office of Academic Records (Bldg. 1-222) in junior year.

<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. Check the online catalog for information. Take the upper division GE: C4, D5 and F after completing 90 units.

<sup>4</sup> See curriculum display for biodiversity options. Many pre-health students choose MCRO 224 for this category.

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

**For information on health profession careers, refer to the Health Professions website: [www.healthprofessions.calpoly.edu](http://www.healthprofessions.calpoly.edu)**