

Updated 3/5/2020

FRESHMAN			SOPHOMORE			JUNIOR			SENIOR		
Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring
Diversity & History of Life BIO 160 (4)	Intro to Cell & Molecular Biology BIO 161 (4) <small>(Recom: CHEM 110, 111, 124, or 127)</small> [B2 & B3]	Intro to Organismal Form & Function BIO 162 (4) <small>(BIO 161. Recom: CHEM 110, 111, 124, or 127)</small>	Introductory Ecology & Evolution BIO 263 (4) <small>(BIO 160 or 161)</small>	Ecology (choose one) BIO 327, 363, 442; BOT 326; MCRO 436; MSCI 300 (4)*		Principles of Genetics BIO 351 (5) <small>(BIO 161; CHEM 216, 312, or 316. Recom: BIO 263; STAT 217 or 218)</small>			Evolutionary Medicine or Evolution (choose one) BIO 413 or 414 (4)*		
	Calculus for the Life Sciences I MATH 161 (4) * [B4]	Calculus for the Life Sciences II MATH 162 (4) <small>(MATH 161)</small> [GE Elective]	General Curriculum Biodiversity (choose one) (4)^{4,5,*}			General Curriculum Upper Division Elective (4)^{4,6,*}			Senior Project BIO 461 or 462 (2)*		
General Chem for Agriculture & Life Science I CHEM 127 (4) * [B1 & B3]	General Chem for Agriculture & Life Science II CHEM 128 (4) <small>(CHEM 127 or AP CHEM score of 5)</small>	General Chem for Agriculture & Life Science III CHEM 129 (4) <small>(CHEM 128)</small>	Applied Statistics for the Life Sciences STAT 218 (4) *			General Curriculum Upper Division Elective (4)^{4,6,*}			General Curriculum Upper Division Elective (4)^{4,6,*}		
Expository Writing ENGL 133/134 (4)** [A2]			CHEM 216 (5) (CHEM 126 or 129 w/min C-) OR CHEM 312 (5) (CHEM 125 or 128)			General Curriculum Upper Division Elective (4)^{4,6,*}			General Curriculum UD Elective (4)^{4,6,*}		
Oral Communication COMS 101/102 (4)** [A1]			College Physics I PHYS 121 (4) <small>(MATH 118 or 119)</small>			College Physics II PHYS 122 (4) <small>(PHYS 118, 121, 131, or 141)</small>			College Physics III PHYS 123 (4) <small>(PHYS 118, 121, 131, or 141. Recom: PHYS 122)</small>		
Free Elective (2)¹	Free Elective (2)¹	Free Elective (1)¹	GE (4) **	GE (4) **	GE (4) **	GE (4) **	GE (4) **	GE (4) **	GE (4) **	GE (4) **	GE (4) **
Reasoning, Argumentation, & Writing [A3] COMS 126; COMS/ENGL 145; ENGL 148; PHIL 126 (4)** <small>(Completion of GE A2 with a C- or better) Can be taken anytime between Winter of Freshman and Winter of Sophomore Years.</small>			Graduation Writing Requirement GWR* <small>(Students can attempt to fulfill the requirement after 90 earned units; students should complete the requirement before senior year)</small>			General Curriculum Additional Elective (4)^{4,7,*}			General Curriculum Additional Elective (4)^{4,7,*}		
14	18	17	12	13	16	17	16	16	14	15	12
										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, Upper-Division B, C1, C2, Lower-Division C Elective, Upper-Division C, D1, D2, D2, Upper-Division D, E, and GE Electives Upper-Division B, Upper-Division C, and Upper-Division D 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: Upper-Division B, C1, Upper-Division C, D1, D2, Upper-Division D, or E.

¹5 units of Free Electives required. SCM 150 workshops for Math/Science courses recommended for remaining units.

²Students in the Molecular and Cellular Biology concentration should take CHEM 216 to fulfill this requirement.

³Students in the Anatomy and Physiology concentration should take BIO 361 to fulfill this requirement.

⁴This is the default curriculum required for students who do not declare a concentration. Courses taken to meet a major support requirement cannot be double-counted in the concentration or general curriculum.

⁵Select from the following: BIO 321, 322, 323, 324, 329, 335, 336, 429; BOT 313; MCRO 224, 402; MSCI 324.

⁶20 units of Upper Division electives required. See Catalog for course options. Minimum of 12 units of 400-level courses, and 8 units of 300-level courses. Consultation with advisor is recommended. Excess units applied to "Approved Electives."

⁷19 units of Approved Electives required. See Catalog for course options. Consultation with advisor is recommended. No double-counting with Major requirements. Upper-division courses may be needed to satisfy 60-unit degree requirement.

Legend:

Course Title	Major (78)
Course # (Units)	Support (41)
(Prerequisite)	General Ed. (56)
[GE Area]	Free Electives (5)