

Updated 5/24/2022

FRESHMAN			SOPHOMORE			JUNIOR			SENIOR			
Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring	
<div>Diversity & History of Life</div> <div>BIO 150 (4)</div>	<div>Intro to Cell & Molecular Biology</div> <div>BIO 161 (4)</div> <div>(Recom: CHEM 110, 124, or 127)</div> <div>[B2 & B3]</div>	<div>Intro to Organismal Form & Function</div> <div>BIO 162 (4)</div> <div>(BIO 161. Recom: CHEM 110, 111, 124, or 127)</div>	<div>Physiology³ (choose one)</div> <div>BIO 361, 434, 435</div> <div>(4) *</div>			<div>Principles of Genetics</div> <div>BIO 351 (5)</div> <div>(BIO 161; CHEM 216, 312, or 316. Recom: BIO 263; STAT 217 or 218)</div>			<div>Evolutionary Medicine or Evolution (choose one)</div> <div>BIO 413 or 414</div> <div>(4) *</div>			
	<div>Calculus for the Life Sciences I</div> <div>MATH 161 (4)</div> <div>*</div> <div>[B4]</div>	<div>Calculus for the Life Sciences II</div> <div>MATH 162 (4)</div> <div>(MATH 161)</div> <div>[GE Elective]</div>	<div>Introductory Ecology & Evolution</div> <div>BIO 263 (4)</div> <div>(BIO 150 or 161)</div>	<div>Ecology (choose one)</div> <div>BIO 327, 363, 442; BOT 326; MCRO 436; MSCI 300 (4)*</div>		<div>General Curriculum</div> <div>Upper-Division Elective</div> <div>(4)^{4,6} *</div>			<div>Senior Project</div> <div>BIO 461 or 462</div> <div>(2) *</div>			
			<div>General Curriculum</div> <div>Biodiversity Course</div> <div>(4)^{4,5} *</div>			<div>General Curriculum</div> <div>Upper-Division Elective</div> <div>(4)^{4,6} *</div>			<div>General Curriculum</div> <div>Upper-Division Elective</div> <div>(4)^{4,6} *</div>			
<div>General Chem for Agriculture & Life Science I</div> <div>CHEM 127 (4)</div> <div>*</div> <div>[B1 & B3]</div>	<div>General Chem for Agriculture & Life Science II</div> <div>CHEM 128 (4)</div> <div>(CHEM 127 or AP CHEM score of 5)</div>	<div>General Chem for Agriculture & Life Science III</div> <div>CHEM 129 (4)</div> <div>(CHEM 128)</div>	<div>CHEM 216 (5) (CHEM 126 or 129 w/min C- or Instr. Consent)</div> <div>OR²</div> <div>CHEM 312 (5) (CHEM 125 or 128)</div>			<div>General Curriculum</div> <div>Upper-Division Elective</div> <div>(4)^{4,6} *</div>	<div>General Curriculum</div> <div>UD Elective</div> <div>(4)^{4,6} *</div>	<div>General Curriculum</div> <div>Approved Elective</div> <div>(4)^{4,7} *</div>	<div>General Curriculum</div> <div>Approved Elective</div> <div>(4)^{4,7} *</div>	<div>General Curriculum</div> <div>Approved Elective</div> <div>(4)^{4,7} *</div>	<div>General Curriculum</div> <div>Approved Elective</div> <div>(4)^{4,7} *</div>	
<div>Oral Communication</div> <div>COMS 101/102 (4)**</div> <div>[A1]</div>				<div>Applied Statistics for the Life Sciences</div> <div>STAT 218 (4)</div> <div>*</div>		<div>College Physics I</div> <div>PHYS 121 (4)</div> <div>*</div>	<div>College Physics II</div> <div>PHYS 122 (4)</div> <div>(PHYS 121 or 141)</div>	<div>College Physics III</div> <div>PHYS 123 (4)</div> <div>(PHYS 118, 121, 131, or 141. Recom: PHYS 122)</div>	<div>General Curriculum</div> <div>Approved Elective</div> <div>(4)^{4,7} *</div>	<div>General Curriculum</div> <div>Approved Elective</div> <div>(3)^{4,7} *</div>		
<div>Expository Writing</div> <div>ENGL 133/134 (4)**</div> <div>[A2]</div>			<div>GE (4)</div> <div>**</div>	<div>GE (4)</div> <div>**</div>	<div>GE (4)</div> <div>**</div>	<div>GE (4)</div> <div>**</div>	<div>GE (4)</div> <div>**</div>	<div>GE (4)</div> <div>**</div>	<div>GE (4)</div> <div>**</div>	<div>GE (4)</div> <div>**</div>	<div>GE (4)</div> <div>**</div>	
<div>Reasoning, Argumentation, & Writing [A3]</div> <div>COMS 126, 145, ENGL 145, 147, ES 145, PHIL 126, or WGQS 145 (4)**</div> <div>(Completion of GE A2 with a C- or better)</div> <div>Can be taken anytime between Winter of Freshman and Winter of Sophomore Years.</div>						<div>Graduation Writing Requirement GWR*</div> <div>(Students can attempt to fulfill the requirement after 90 earned units; students should complete the requirement before senior year)</div>						
<div>Free Elective</div> <div>(2)¹</div>	<div>Free Elective</div> <div>(2)¹</div>	<div>Free Elective</div> <div>(1)¹</div>	<div>GE (4)</div> <div>**</div>									
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, Upper-Division D, Lower-Division E, F, and GE Elective. 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.

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

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

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

⁴ This is the default curriculum required for students who do not declare a concentration. Courses taken to meet a Major or Support requirement cannot be double-counted in a concentration or in the General Curriculum. Consultation with advisor is recommended prior to selecting electives; bear in mind your selections may impact pursuit of post-baccalaureate studies and/or goals.

⁵ **Biodiversity Course:** (4 units) See Catalog for course options and guidelines. Excess units will be applied to Approved Electives.

⁶ **Upper-Division Electives:** (20 units) See Catalog for course options and guidelines. Minimum of 12 units of 400-level courses and 8 units of 300-400 level courses with exceptions. Excess units applied to Approved Electives.

⁷ **Approved Electives:** (19 units) See Catalog for course options and guidelines. No double-counting with Major or Support requirements. Upper-Division courses may be needed to satisfy 60-unit degree requirement.

Legend:

Course Title	
Course # (Units)	
(Prerequisite)	
[GE Area]	

- Major (78)
- Support (41)
- General Ed. (56)
- Free Electives (5)