



**Department of Biology Graduation Checklist**  
<https://biology.sfsu.edu/advising/undergraduate>

				Fa 21	Sp 22	Su 22	v	on DPR?
BIOL 482	Biol 230 + Biol 240	Ecology (4)		yes	yes	no		
BIOL 502	Biol 230 + Biol 240, GPA 3.0 or higher	Biology of the Algae		no	no	no		
BIOL 525	Biol 230 + Biol 240 + Chem 130	Plant Physiology		yes	yes	no		
BIOL 526	Biol 230 + Biol 240 + Chem 130	Plant Molecular Physiology Laboratory (2)		no	yes	no		
BIOL 530	Biol 230 + Biol 240	Conservation Biology		yes	no	no		
BIOL 532	Biol 230 + Biol 240	Restoration Ecology		yes	no	no		
BIOL 534	Biol 230 + Biol 240	Wetland Ecology (4)		no	yes	no		
BIOL 555	Biol 230 + Biol 240	Marine Invertebrate Zoology (4)		no	no	no		
BIOL 556	Biol 230 + Biol 240	Natural History of Marine Invertebrates (4)		no	no	no		
BIOL 572	Upper-division standing; GPA of 3.0 or higher	Colloquium in Ecology, Evolution, and Conservation (2)		no	no	no		
BIOL 580	Biol 230 + Biol 240 + Chem 215 + Chem 216; ecology course recommended	Limnology		no	no	no		
BIOL 582	Biol 230 + Biol 240	Biological Oceanography (4)		yes	yes	no		
BIOL 585	Biol 230 + Biol 240	Marine Ecology		yes	yes	no		
BIOL 586	Biol 585 (may be taken concurrently)	Marine Laboratory (2)		no	no	no		
BIOL 600	Biol 230 + Biol 240	Animal Behavior		no	yes	no		
BIOL 607	Biol 230 + Biol 240 + Biol 355	Conservation and Management of Marine Mammals		no	no	no		
BIOL 617	Biol 612 or Biol 630	Environmental Physiology		no	no	no		
BIOL 630	Biol 230 + Biol 240 + [Chem 130 or Chem 233]	Animal Physiology		yes	yes	no		
BIOL 631GW	GE Area 2 + Biol 612 or Biol 630	Animal Physiology Laboratory - GVAR (4)		yes	no	no		
BIOL 644	Biol 230 + Biol 240 + [Biol 350 or Biol 355 or Biol 357]	LEADerS Service Learning Course: Learners Engaged in Advocating for Diversity in Science (4)		no	no	no		
<b>OR</b> BIOL 654	Biol 230	Peer Assistants for Learning Science (4)		yes	yes	no		
BIOL 670GW*	GE Area A2 + BIOL 240 + BIOL 458 with grades of C or better; concurrent enrollment in BIOL 671 + [BIOL 699 or BIOL 897]	Ecology and Evolution of Marine Systems I - GVAR (6)		no	no	no		
BIOL 671	BIOL 240 + BIOL 458 with grades of C or better; concurrent enrollment in BIOL 670GW + [BIOL 699 or BIOL 897]	Ecology and Evolution of Marine Systems II (6)		no	no	no		
BIOL 699	Restricted to senior Biology majors; consent of the department and instructor.	Independent Study in Biology (1-3 units) <i>requires faculty mentor's approval</i>		yes	yes	no		
GEOG 629	Geog 603	Coastal and Marine Applications of GIS		no	no	no		
MSCI 306	see <a href="http://bulletin.sfsu.edu/courses/msci/">http://bulletin.sfsu.edu/courses/msci/</a>	Marine Science Diving and Boating (2)		no	no	no		

\*Note: cannot double count Biol 670GW to meet both GVAR and UD elective requirements

Course Num.	Course Title	Units

**What course has student taken to meet GVAR?**

GVAR course must be completed with a C- or better to meet graduation requirements

	Required	Completed
<b>Total upper division unit requirements :</b>	<b>22-27</b>	_____
<b>Total units for major (minimum 59 units)</b>	<b>57-62</b>	_____

**Recommendations for targeted post-graduate plans**

**Health profession**

Students must take Chem 215/216  
 Students must take the full year of organic chemistry with lab: Chem 233/234 and Chem 335/336.  
 Students must take Phys 121/122.

**Graduate programs**

Students must take Chem 215/216  
 Students should take full year of organic chemistry with lab: Chem 233/234 and Chem 335/336.  
 Students should take the full year of biochemistry: Chem 340 and Chem 341  
 Students must take Phys 121/122.  
 Student should consult with major advisor to optimize course plan for goals.