



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

*One ecology course from the following (2-4 units):*

			Fa 23	Sp 24	Su 24	v	DPR?
BIOL 482	Biol 230 + Biol 240	Ecology (4)	yes	yes	no		
BIOL 490	Biol 230 + Biol 240	Ecology of Infectious Disease (4)	no	yes	no		
BIOL 529GW	Biol 230 + Biol 240 + GE Area A2	Plant Ecology - GVAR (4)	no	no	no		
BIOL 532	Biol 230 + Biol 240	Restoration Ecology	no	no	no		
BIOL 534	Biol 230 + Biol 240	Wetland Ecology (4)	no	yes	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 and Limnology (4)	no	yes	no		
BIOL 585	Biol 230 + Biol 240	Marine Ecology	no	no	no		
BIOL 586GW	Biol 230 + Biol 240 + GE Area 2	Marine Ecology Laboratory - GVAR (4)	no	yes	no		

*One evolution or organismal biology course from the following (1-5 units):*

BIOL 328	Biol 230	Human Anatomy (4)	yes	yes	no		
BIOL 337	Biol 230 + Biol 240 + Biol 355	Evolution	yes	yes	no		
BIOL 380	Biol 355 (Biol 337 is recommended)	Evolutionary Developmental Biology	no	no	no		
BIOL 382	Biol 350 + Biol 355, GPA 3.0 or higher	Developmental Biology	no	no	no		
BIOL 425	Biol 230 + Biol 240 + [Biol 355 or Biol 401 or Biol 350] + Chem 130	Emerging Diseases	no	yes	no		
BIOL 453/454	Biol 230 + Biol 240 + Biol 355; may be taken concurrently with Biol 454	General Parasitology/Laboratory (3/1)*	yes	no	no		
BIOL 460	Biol 230 + Biol 240	General Entomology (4)	no	no	no		
BIOL 475GW	Biol 230 + Biol 240 + GE Area 2	Herpetology - GVAR	no	yes	no		
BIOL 478GW	Biol 230 + Biol 240 + GE Area 2	Ornithology - GVAR (4)	no	yes	no		
BIOL 500	Biol 230 + Biol 240	Evolution and Diversity of Plants (4)	no	no	no		
BIOL 502	Biol 230 + Biol 240, GPA 3.0 or higher	Biology of the Algae	no	yes	no		
BIOL 504	Biol 230 + Biol 240	Biology of the Fungi (4)	no	no	no		
BIOL 505	Biol 230 + Biol 240	Comparative Anatomy of Vascular Plants (4)	yes	no	no		
BIOL 514	Biol 230 + Biol 240, GPA 3.0 or higher	Plant Biodiversity and California Field Botany (5)	no	yes	no		
BIOL 555	Biol 230 + Biol 240	Marine Invertebrate Zoology (4)	yes	no	no		
BIOL 570GW	Biol 230 + Biol 240 + GE Area 2	Biology of Fishes - GVAR (4)	yes	no	no		
BIOL 600	Biol 230 + Biol 240	Animal Behavior	no	yes	no		
BIOL 638	Biol 230, GPA 3.0 or higher	Bioinformatics & Genome Annotations (4)	yes	yes	no		

*\*Note: cannot double count Biol 453 to meet both Cell Biology & Evolution/Organismal Biology requirements*

*There are multiple options for meeting the GVAR requirement (course name must have GW) - consult with advisor  
 GVAR course must be completed with a C- or better to meet graduation requirements*

*Upper division electives selected in consultation with an advisor:.....*

**1 - 11 additional units**

*•Courses can be those listed above, not already used to satisfy requirements in those categories.*

*•Only one of the following courses can be included among those selected:*

**BIOL 317, BIOL 327, BIOL 330, and BIOL 349.**

*•Up to three units of BIOL 699 can be used within the UD elective units*

*•All Biology courses that have BIOL 230 and/or BIOL 240 as prerequisites can also be used as electives.*

*Upper Division elective courses include: 1-11 elective units to meet 57 units (incorrect in Bulletin)*

			Fa 23	Sp 24	Su 24	v	on DPR?
BIOL 332	Biol 230 + Biol 240 + Biol 355, GPA 3.0 or higher	Health Disparities in Cancer	yes	no	no		
BIOL 344GW	Biol 230 + Biol 240 + GE Area 2, GPA 3.0 or higher	Research Skills - GVAR	no	no	no		
BIOL 461	Biol 230 + Biol 240	Insect Taxonomy (4)	no	no	no		
BIOL 464	Biol 230 + Biol 240	Medical Entomology	no	no	no		
BIOL 470	Biol 230 + Biol 240	Natural History of Vertebrates (4)	no	yes	no		
BIOL 492	Biol 230 + Biol 240	Comparative Anatomy of Vertebrates (4)	no	no	no		
BIOL 530	Biol 230 + Biol 240	Conservation Biology	yes	no	no		
BIOL 550	Biol 230 + Biol 240 + upper division ecology course	Plant and Animal Interactions (4)	no	no	no		
BIOL 555	Biol 230 + Biol 240	Marine Invertebrate Zoology (4)	yes	no	no		
BIOL 556	Biol 230 + Biol 240	Natural History of Marine Invertebrates (4)	no	no	no		
BIOL 577	Math 107 and 108 OR Math 199 OR Math 2226; Biol 230 and 240 [or two 200-level or higher EARTH courses]	Ecological and Environmental Modeling (4)	yes	no	no		
BIOL 607	Biol 230 + Biol 240 + Biol 355	Conservation and Management of Marine Mammals	no	no	no		
BIOL 609	Biol 230	Physics in Medicine	no	no	no		

