



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

Select 10 units from the classes below; at least 6 units must be chosen from among the Group A courses.

Group A courses			Fa 24	Sp 25	Su 25	√	on DPR?
BIOL 328	Biol 230	Human Anatomy (4)	yes	yes	no		
BIOL 350	Biol 230 + Biol 240 + Chem 115	Cell Biology	yes	yes	yes		
BIOL 616	Biol 230 + Biol 240 + Phys 121 + [Biol 612 or Biol 630]	Cardiorespiratory Physiology	yes	no	no		
BIOL 617	Biol 612 or Biol 630	Environmental Physiology	no	no	no		
BIOL 618	[Biol 212 or Biol 612] + Biol 350 + Biol 355	Biology of Aging	no	yes	no		
BIOL 620	Biol 230 + Biol 240	Endocrinology	no	no	no		
BIOL 621	Biol 230 + Biol 240 + Biol 330 + Chem 130; Biol 492 or a vertebrate anatomy course recommended	Reproductive Physiology	no	no	yes		
BIOL 622	Biol 230 + Biol 240	Hormones and Behavior	no	yes	no		
BIOL 623	Biol 230 + Biol 240 + Biol 612 + Chem 130, GPA 3.0 or higher	Pharmacology	no	no	no		
BIOL 640	Biol 230 + Biol 240 + Chem 130 + Phys 121; Biol 350 and Biol 612 recommended	Cellular Neurosciences	yes	no	no		
BIOL 642	Biol 328 or Biol 612	Neural Systems Physiology	no	yes	no		

Group B courses			Fa 24	Sp 25	Su 25	√	on DPR?
BIOL 332	Biol 230 + Biol 240 + Biol 355, GPA 3.0 or higher	Health Disparities in Cancer	yes	no	no		
BIOL 435	Biol 350 or Biol 401	Immunology	yes	no	no		
BIOL 453	Biol 230 + Biol 240 + Biol 355	General Parasitology	yes	no	no		
BIOL 454	Biol 453 (may be taken concurrently)	Parasitology Laboratory (1)	no	no	no		
BIOL 525	Biol 230 + Biol 240 + Chem 130	Plant Physiology	no	yes	no		
BIOL 526	Biol 230 + Biol 240 + Chem 130	Plant Molecular Physiology Laboratory (2)	no	no	no		
BIOL 615	Biol 230 + Biol 240 + Biol 612	Molecular Pathophysiology	no	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		
OR BIOL 654	Biol 230	Peer Assistants for Learning Science (4)	yes	yes	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		

Course Num.	Course Title	Units

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

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

	Required	Completed
Total upper division unit requirements :	25-26	_____
Total units for major (minimum 59 units)	59-63	_____

**Recommendations for targeted post-graduate plans**

**Health profession**

Students generally required to take the full year of organic chemistry with lab: Chem 233/234 and Chem 335/336 (check your target program)  
 Students should check their target programs to confirm requirements.

**Graduate programs**

Students generally required to take the full year of organic chemistry with lab: Chem 233/234 and Chem 335/336 (check your target program)  
 Students should take the full year of biochemistry: Chem 340 and Chem 341  
 Student should consult with major advisor to optimize course plan for goals.