

Advising Template
BS Biology - Human Biology
 2026-2027 catalog

All professional schools and graduate schools have their own unique set of prerequisites. Courses should be selected in consultation with your academic advisor/mentor with an annual review of websites from the professional schools for which the students wish to apply, to ensure that the students meet CSC graduation and degree requirements as well as professional school prerequisite requirements. These additional requirements and recommendations may include additional specific biology courses and more chemistry, physics, and psychology courses, as well as others. Course sequences are scheduled, but may change to accommodate faculty loading.

Year 1

Fall Semester			Spring Semester		
BIOL 102/102L	General Biology II & Lab (ES - Scientific Methodology)	4	BIOL 101/101L	General Biology I & Lab	4
CHEM 131/131L	College Chem I & Lab (unless has not had high school Chem)	4	CHEM 132/132L	College Chemistry II & Lab	4
		3			
		3			
		3			
Total Hours			Total Hours		

Year 2

Fall Semester			Spring Semester		
BIOL 332/332L	Genetics & Lab	4	BIOL 241/241L	Microbiology & Lab	4
Major Electives	*Select one from list below (Organic Chem I recommended)	4			
(If needed, BIOL 132 Medical Terminology is good this semester, for 2 cr)				Biology	
Total Hours			Total Hours		

Year 3

Fall Semester			Spring Semester		
BIOL 340/340L	Human Anatomy & Lab	4	BIOL 342/342L	Human Physiology & Lab	4
Major	*Select one from list below	3	Major	*Select one from list below	3
		3			
		3			
Total Hours			Total Hours		

Year 4

Fall Semester			Spring Semester		
BIOL 458	Biological Evolution	3	BIOL 499	Biology Capstone (ES 12)	3
BIOL 449	Molecular Biology of the Cell	3	Major	*Select one from list below	3
Major	*Select one from list below	3			
Total Hours			Total Hours		

***Major Electives: Select no less than 16 credits from the following:**

Make your selection in consultation with your faculty advisor and in reviewing professional school requirements for which you plan to apply; these requirements do differ!

BIOL 230 Histology	2
BIOL 244/244L Zoology w/ Lab	4
BIOL 323/323L Basic Hematology & Lab	2 Requires an anatomy course and a chemistry course as prerequisites
BIOL 333 Human Diseases in the Rural Environment	3
BIOL 343/343L Parasitology & lab	3 Requires BIOL 244/244L as prerequisites
BIOL 430 Immunology	3
BIOL 432/432L Developmental Biology	3
BIOL 433/433L Human Biomechanics & Lab	3 Especially useful for PT & OT; requires PHYS 151/151L and anatomy/lab as prerequisites
BIOL 456/456L Pathogenic Microbiology & Lab	3
CHEM 333/333L Organic Chemistry I and Lab	4