

Advising Template
BS Biology - Human Biology
2024-25 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 (SLO 6)	4	BIOL 101/101L	General Biology I & Lab	4
CHEM 131/131L	College Chem I & Lab (unless has not had high school Ch	4	CHEM 132/132L	College Chemistry II & Lab	4
FYI 169Y (ES 1)	<i>Select one</i>	3	FYI 169Y (ES 1)	<i>Select one</i>	3
MATH (ES 4)	<i>Recommend MATH 232 Applied Stats</i>	3	ENG 135 (ES 2)	Rhetoric & Writing	3
(ES 3)	<i>Select one</i>	3			
Total Hours		17	Total Hours		14

Year 2

Fall Semester			Spring Semester		
BIOL 332/332L	Genetics & Lab	4	BIOL 241/241L	Microbiology & Lab	4
BIOL/CHEM	<i>*Select one from list to meet professional school requirements (Organic Chem I recommended)</i>	4	BIOL/CHEM	<i>*Select one from list to meet prof school requiremen</i>	4
(ES 7)	<i>Select one</i>	3	(ES 3)	<i>Select one</i>	3
(ES 11)	<i>Select one</i>	3	(ES 8)	<i>Select one</i>	3
(If needed, BIOL 132 Medical Terminology is good this semester, for 2 cr)			(ES 10)	<i>Select one</i>	3
Total Hours		14	Total Hours		17

Year 3

Fall Semester			Spring Semester		
BIOL 340/340L	Human Anatomy & Lab	4	BIOL 342/342L	Human Physiology & Lab	4
BIOL/CHEM	<i>*Select one from list to meet prof. school requirements</i>	4	BIOL/CHEM	<i>*Select one from list to meet prof school requiremen</i>	3
(ES 5)	<i>Select one</i>	3	(ES 6)	<i>Select one</i>	3
elective	<i>Select one</i>	3	elective	<i>Select one</i>	3
			elective	<i>Select one</i>	3
Total Hours		14	Total Hours		16

Year 4

Fall Semester			Spring Semester		
BIOL 458	Evolution	3	BIOL 499	Biology Capstone (ES 12)	3
BIOL/CHEM	Molecular Biology of the Cell	3	BIOL 432/432L	Developmental Biology & Lab	3
BIOL 430	Immunology	3	(ES 9)	<i>Select one</i>	3
elective	<i>Select one</i>	3	elective	<i>Select one</i>	4
elective	<i>Select one</i>	3			
Total Hours		15	Total Hours		13

***List Selection (at least 10 credits from the following):**

BIOL 132; BIOL 230; BIOL 323/323L; BIOL 333, BIOL 343/343L; BIOL 433/433L; BIOL 456/456L; CHEM 333/333L; CHEM 335/335L; CHEM 336