

Advising Template
BS Biology - Organismal Biology
2024-25 catalog

Courses should be selected with academic advisor/mentor - different career paths benefit from specific selections and additional courses or completion of a minor; additional science courses are recommended. 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 121	Introductory Chemistry (unless had HS chem)	3	CHEM 131/131L OR 140/140L	College Chem I & Lab OR Survey of Chem & Lab	4
FYI 169Y (ES 1)	<i>Select one</i>	3	FYI 169Y (ES 1)	<i>Select one</i>	3
ENG 136 (ES 2)	Rhetoric & Writing	3	(ES 3)	<i>Select one</i>	3
MATH (ES 4)	<i>Recommend MATH 232 Applied Stats</i>	3			
Total Hours		16	Total Hours		14

Year 2

Fall Semester			Spring Semester		
<u>Select One:</u>		3-4	<u>Select One:</u>		4
BIOL 244/244L	Zoology & Lab (Fall odd years)		BIOL 243/243L	Botany & Lab (Spring even years)	
BIOL 336/336L	General Ecology & Lab		BIOL 332/332L	Genetics & Lab	
BIOL/CHEM/GIS	*Select one from list	3	BIOL/CHEM/GIS	*Select one from list	3
(ES 7)	<i>Select one</i>	3	(ES 8)	<i>Select one</i>	3
(ES 11)	<i>Select one</i>	3	(ES 10)	<i>Select one</i>	3
elective	<i>Select one</i>	3	elective	<i>Select one</i>	3
Total Hours		15-16	Total Hours		16

Year 3

Fall Semester			Spring Semester		
<u>Select One:</u>		3-4	<u>Select One:</u>		4
BIOL 244/244L	Zoology & Lab (Fall odd years)		BIOL 243/243L	Botany & Lab (Spring even years)	
BIOL 336/336L	General Ecology & Lab		BIOL 332/332L	Genetics & Lab	
<u>Select One:</u>		3	BIOL/CHEM/GIS	*Select one from list	3
BIOL 431/431L	Entomology & Lab (Fall odd)		elective	<i>Select one</i>	3
BIOL 438/438L	Taxonomy of Plants & Lab (Fall even)		elective	<i>Select one</i>	3
BIOL/CHEM/GIS	*Select one from list	3	elective	<i>Select one</i>	3
(ES 5)	<i>Select one</i>	3			
elective	<i>Select one</i>	3			
Total Hours		15-16	Total Hours		16

Year 4

Fall Semester			Spring Semester		
BIOL 458	Evolution	3	BIOL 499	Biology Capstone (ES 12)	3
<u>Select One:</u>		3	BIOL/CHEM/GIS	*Select one from list	3
BIOL 431/431L	Entomology & Lab (Fall odd years)		(ES 9)	<i>Select one</i>	3
BIOL 438/438L	Taxonomy of Plants & Lab (Fall even years)		elective	<i>Select one</i>	3
BIOL 435/435L	Mammology & lab	3			
elective	<i>Select one</i>	3			
elective	<i>Select one</i>	3			
Total Hours		15	Total Hours		12

***List Selection (at least 15 credits from the following):**

BIOL 241/241L; BIOL 337; BIOL 339/339L; BIOL 343/343L; BIOL 347/347L; BIOL 390 or 409; BIOL 401/401L; BIOL 428; BIOL 439/439L; BIOL 447/447L; CHEM 231/231L; BIOL 335/335L; GEOS