

Advising Template
BS Biology - Organismal Biology
2026-27 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 101/101I or 102/102L	General Biology I & Lab or General Biology II & Lab	4	BIOL 101/101I or 102/102L	General Biology I & Lab or General Biology II & Lab	4
CHEM 131/131L OR 140/140L	College Chem I & Lab OR Survey of Chem & Lab	4	CHEM 132/132L	College Chemistry II & Lab	4
FYI 169Y (ES 1)	Select one	3	Essential Studies	Select one	3
ENG 136 (ES 2)	Rhetoric & Writing	3	Essential Studies	Select one	3
MATH (ES 4)	Recommend MATH 232 Applied Stats	3			
Total Hours		16	Total Hours		14

Year 2

Fall Semester			Spring Semester		
BIOL 244/244L	Zoology & Lab	4	BIOL 243/243L	Botany & Lab	4
BIOL/CHEM/GIS	*Select one from list	3	BIOL/CHEM/GIS	*Select one from list	3
EssentialStudies	Select one	3	EssentialStudies	Select one	3
EssentialStudies	Select one	3	EssentialStudies	Select one	3
elective	Select one	3	elective	Select one	3
Total Hours		16	Total Hours		16

Year 3

Fall Semester			Spring Semester		
BIOL 336/336L	General Ecology & Lab	3	BIOL 332/332L	Genetics & Lab	4
BIOL 438/438L	Taxonomy of Plants & Lab	3	BIOL/CHEM/GIS	*Select one from list	3
BIOL/CHEM/GIS	*Select one from list	3	elective	Select one	3
EssentialStudies	Select one	3	elective	Select one	3
elective	Select one	3	elective	Select one	3
Total Hours		15	Total Hours		16

Year 4

Fall Semester			Spring Semester		
BIOL 458	Biological Evolution	3	BIOL 499	Biology Capstone (ES 12)	3
BIOL 431/431L	Entomology & Lab	3	BIOL/CHEM/GIS	*Select one from list	3
BIOL 435/435L	Mammology & lab	3	(ES 9)	Select one	3
elective	Select one	3	elective	Select one	3
elective	Select one	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; CHEM 335/335L; BIOL 335/335L; GEOS 322

This option is specifically designed for students interested in working as an organismal biologist, especially doing research, ecological, or conservation work with plants, fungi, or animals.