

Advising Template
BS Biology - Biological Resources
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	College Chemistry I & Lab	4
FYI 169Y (ES 1)	Select one	3	FYI 169Y (ES 1)	Select one	3
ENG 135 (ES 2)	Rhetoric & Writing	3	(ES 3)	Select one	3
MATH (ES 4)	MATH 138, 142, or 232 recommended	3-4			
Total Hours		16-17	Total Hours		14

Year 2

Fall Semester			Spring Semester		
Select One:		3-4	Select One:		4
BIOL 244/244L	Zoology & Lab (Fall odd years)		BIOL 243/243L	Botany & Lab (Spring even years)	
BIOL 336/336L	General Ecology		BIOL 332/332L	Genetics & Lab	
CHEM 132/132L	College Chemistry II & Lab	4	BIOL/CHEM/GIS	*Select from list	3
(ES 7)	Select one	3	(ES 8)	Select one	3
(ES 11)	Select one	3	(ES 10)	Select one	3
elective	Select one	3	elective	Select one	3
Total Hours		16-17	Total Hours		16

Year 3

Fall Semester			Spring Semester		
Select One:		3-4	Select One:		4
BIOL 244/244L	Zoology & Lab (Fall odd years)		BIOL 243/243L	Botany & Lab (Spring even years)	
BIOL 336/336L	General Ecology		BIOL 332/332L	Genetics & Lab	
Select One:		3	Select One:		3
BIOL 337	Environmental Management (Fall odd)		BIOL 327/327L	Environmental Remediation & Lab (Spring odd years)	
BIOL 438/438L	Taxonomy of Plants & Lab (Fall even)		BIOL/CHEM/GIS	*Select from List	
BIOL/CHEM/GIS	*Select from list	3	BIOL 390	Internship in Biology	1
(ES 5)	Select one	3	(ES 6)	Select one	3
elective	Select one	3	elective	Select one	3
Total Hours		15-16	Total Hours		14

Year 4

Fall Semester			Spring Semester		
BIOL 458	Evolution	3	BIOL 499	Biology Capstone (ES 12)	3
Select One:		3	Select One:		3
BIOL 337	Environmental Management (Fall odd years)		BIOL 327/327L	Environmental Remediation & Lab (Spring odd years)	
BIOL 438/438L	Taxonomy of Plants & Lab (Fall even years)		BIOL/CHEM/GIS	*Select from List	
elective	Select one	3	(ES 9)	Select one	3
elective	Select one	3	elective	Select one	3
elective	Select one	3	elective	Select one	3
Total Hours		15	Total Hours		15

***List Selection (at least 9 credits):**

BIOL 241/241L; BIOL 339/339L; BIOL 347/347L; BIOL 401/401L; BIOL 428; BIOL 431/431L; BIOL 436/436L; BIOL 439/439; BIOL 444/444L; BIOL 446; CHEM 433/433L; GEOS 321