

**Advising Template**  
**BS Biology - Biological Resources**  
**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)	<i>Select one</i>	3	Essential Studies	<i>Select one</i>	3
ENG 135 (ES 2)	Rhetoric & Writing	3	Essential Studies	<i>Select one</i>	3
MATH (ES 4)	MATH 138, 142, or 232 recommended	3-4			
<b>Total Hours</b>		<b>16-17</b>	<b>Total Hours</b>		<b>14</b>
Year 2					
Fall Semester			Spring Semester		
BIOL 244/244L	Zoology & Lab	4	BIOL 243/243L	Botany & Lab	4
Essential Studies	<i>Select one</i>	3	BIOL/CHEM/GIS	*Select from list	3
Essential Studies	<i>Select one</i>	3	Essential Studies	<i>Select one</i>	3
elective	<i>Select one</i>	3	Essential Studies	<i>Select one</i>	3
elective	<i>Select one</i>	3	elective	<i>Select one</i>	3
<b>Total Hours</b>		<b>16</b>	<b>Total Hours</b>		<b>16</b>
Year 3					
Fall Semester			Spring Semester		
BIOL 336/336L	General Ecology	3	BIOL 332/332L	Genetics & Lab	4
BIOL 438/438L	Taxonomy of Plants & Lab	3	BIOL 327/327L	Environmental Remediation & Lab	3
BIOL/CHEM/GIS	*Select from list	3	BIOL 390	Internship in Biology	1
Essential Studies	<i>Select one</i>	3	Essential Studies	<i>Select one</i>	3
elective	<i>Select one</i>	3	elective	<i>Select one</i>	3
<b>Total Hours</b>		<b>15</b>	<b>Total Hours</b>		<b>14</b>
Year 4					
Fall Semester			Spring Semester		
BIOL 458	Biological Evolution	3	BIOL 499	Biology Capstone	3
BIOL 337	Environmental Management	3	BIOL/CHEM/GIS	*Select from List	3
elective	<i>Select one</i>	3	Essential Studies	<i>Select one</i>	3
elective	<i>Select one</i>	3	elective	<i>Select one</i>	3
elective	<i>Select one</i>	3	elective	<i>Select one</i>	3
<b>Total Hours</b>		<b>15</b>	<b>Total Hours</b>		<b>15</b>

**\*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

*This option is specifically designed for students interested in working in ecosystem-level biological research or management where understanding of both biotic (living things) and abiotic (non-living) components of ecosystems is essential.*