

Bachelor of Science in Biology

General Biology Major Advising Worksheets^{\$}

General Studies for B.S. degree:

Communication Outcome (6-9 credit hours):

2-3 courses, grade of C or better required

ENG 101 and ENG 102	—/ —	COM 101	—
OR		(required of all students)	
ENG 103	—		

Analysis Outcome (20-21 credit hours; 11-12 credit hours satisfied within major requirements):

Students must take courses from each analytical block as directed:

<u>Critical Reading (1 Course)</u>	<u>Economics/Finance (1 Course)</u>
ENG 200-400 Literature, any	ECON 103, 104, OR FIN 131

<u>Logic/Critical Assessment (1 Course)</u>
LING 150, PSYC 101 OR PHIL 210

Self and Cultural Awareness Outcome (18 credit hours):

Students must take courses from each awareness block as directed:

<u>Fine Arts (1 Course)</u>	<u>Perceptions & Cultures (5 Courses)</u>
ART 140, 340, 341, 343,	4 Courses from different groups
FA 101, MUS 130, 132, 133,	GEO 205, 206
THE 100, 300	POLS 101, 201
	SOC 150, SWK 201
	REL, any
	SPAN, FREN, SPA 252
	HE 250
	PHIL, any except PHIL210
	1 Course HIST
	HIST 103, 104, 210, 211

General Biology Major:

Core Courses:

BIO 124/125 ^t (Prin Bio/lab)	—/ —(4h)	PHYS 101/110 (Phys I)	—/ —(4h)
BIO 200 (Botany & lab)	—(4h)	PHYS 102/111 (Phys II)	—/ —(4h)
BIO 202/203 (Zoology/lab)	—/ —(4h)	MATH 145 ^t (Precal)	—(3h)
CHEM 110/111 ^t (Chem I)	—/ —(4h)	BIO 221 (Biostats)	—(3h)
CHEM 112/113 (Chem II)	—/ —(4h)		

^tCourses fulfill General Studies Analysis Outcome for Quantitative and Scientific blocks.

Major Specific Courses:

BIO 207 (Funds Ecol & Biodiv)	—(3h)	BIO 325/326 (Micro & lab)	—(4h)
OR		BIO 401 (Genetics/lab)	—(4h)
BIO 208 (Found Cell & Molec)	—(3h)	BIO 404/405 (Ecology/lab)	—(4h)
BIO 302/303 (Anat I/lab)	—(4h)	BIO 460/461 (Mol Bio/lab)	—(4h)
OR		BIO 480 (Capstone)	—(1h)
BIO 426 (Comp An. Phys/lab)	—(4h)		

Additional Requirements:

CHEM 340/341 (Org I) ___/___(4h) CHEM 342/343 (Org II) ___/___(4h)
CHEM 480 (Biochem I; F) ___(3h)

Students must take an additional 9 credit hours of BIO 207 OR 208 (cannot double count) and/or Biology 300-400 level electives AND 300-400 level General Electives to total 120 credit hours (5-10 credit hours)

- 120 credit hours are required to graduate from West Liberty with a B.S.; 40 of those hours must be 300-400 level courses.
- The General Biology major requires a cumulative 2.0 GPA in all math and sciences courses with at least a "C" in each course within the program.
- \$These worksheets are to be used as a guide. Each student is responsible for their curriculum and meeting the requirements for graduation as stipulated in the college catalog.
- Courses may not be offered every semester and/or year; please consult with Biology advisor for sequencing.