Bachelor of Science in Biology
Pre-Professional Major Advising Worksheets

General Studies for B.S. degree:

<table>
<thead>
<tr>
<th>Communications (grade of C or better):</th>
<th>Social &amp; Behavioral Sciences:</th>
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<tbody>
<tr>
<td>ENG 101 (F/S) __</td>
<td>HIS 103, 104, 210 or 211 __</td>
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<tr>
<td>ENG 102 (F/S) __</td>
<td>(1 course from each of 3 areas below)</td>
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<tr>
<td>COM 101 (F/S) __</td>
<td>GEO 205, 206 __</td>
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Fine Arts/Humanities:

- FA 101, ART 100, 140, 340, 343, 360
- MUS 130, 330, 331, COM 203, 235
- 211, THE 100, 300 (1 course) __

Fine Arts/Humanities:

- POLS 101, 201 __
- SOC 150, SWK 201 __
- PSYC 101 __

Literature (1 course) __
- PE 101 or 102 (1-2 courses) __

Phil, For Lang, or Rel (1 course)__
- HE 250 or HE 253 __

Wellness/Phys Ed:

Business and Economics (1 course):
- ECON 101, ECON 102, GBUS 140 __

Pre-Professional Major:

Core Courses:

- BIO 124/125 (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 (Precal) __/(3h)
- CHEM 110/111 (Chem I) __/__/__(4h)
- MATH 160 (Stats) __/(3h)
- CHEM 112/113 (Chem II) __/__/__(4h)

Major Specific Courses:

- BIO 302/303 (Anat I/lab) __/(4h)
- BIO 404/405 (Ecology/lab) __/(4h)

OR

- BIO 426 (Comp An Phys/lab) ___/(4h)
- BIO 472 (Cell Bio) ___/(4h)

OR

- BIO 325 (Micro/lab) ___/(4h)
- BIO 479 (Res/Intern; 1-3h) ___

- BIO 401 (Genetics/lab) ___/(4h)
- BIO 480 (Capstone") ___/(1h)

- BIO 460/461 (Mol Bio/lab) ___/(4h)

Additional Requirements:

- CHEM 340/341 (OChem I) ___/__/__(4h)
- CHEM 342/343 (OChem II) ___/__/__(4h)
- CHEM 480 (Biochem I: F) ___/(3h)

Biology 300-400 level Electives to total 120 credit hours

- #Course conflict: Physics II cannot be taken in the final year- conflicts with BIO 480 Capstone.
- 120 credit hours are required to graduate from West Liberty with a B.S.; 40 of those hours must be 300-400 level courses.

Revised 6/13/2013; effective Fall 2013
• Major requires a cumulative 2.5 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 every year; please consult with Biology advisor for sequencing.