Biology (Microbiology) Advising Worksheets $

General Studies for B.S. degree:

**Communications (grade of C or better):**
- ENG 101*# (F/S) __
- ENG 102*# (F/S) __
- COM 101 (F/S) __

**Social & Behavioral Sciences:**
- HIS 103*, 104*, 210 or 211 __
- (1 course from each of 3 areas below)
- GEO 205*, 206* __

**Fine Arts/Humanities:**
- FA 101, ART 100, 140+, 340, 343+, __
- MUS 130+, 330*, 331, COM 203, __
- 211, THE 100+, 300 (1 course) __
- PSYC 101 __

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

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

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

Within the General Studies requirement, each student must take one course from four selected areas, critical thinking(*), cultural diversity(+), international perspectives(●), and technology(#). Keep in mind there are other courses besides those listed below - they can be found in your West Liberty course catalogue.

All Biology tracks, including BA BIO Ed 9-adult

**Core Courses:**
- BIO 124/125 (Prin Bio/lab; F/S) __/
- BIO 200 (Botany & lab; F/S) __
- BIO 202/203 (Zoology/lab; F/S) __
- CHEM 110/111 (Chem I; F) __/
- CHEM 112/113 (Chem II; S) __/

**Microbiology with minor:**

**Track Specific Courses:**
- BIO 325 (Micro & lab; F) __
- BIO 460/461 (Mol Bio/lab; F) __
- BIO 480 (Capstone#; F/S) __

**Restricted Electives - need 15h:**
- BIO 220 (Sci. Methods; S) __(1h)
- BIO 306 (Biotech I; F) __(3h)
- BIO 317 (Immuon: ?) __(3h)
- BIO 321 (Biotech II; S) __(3h)
- BIO 329 (Applied; ?) __(4h)

**Additional Requirements:**
- CHEM 340/341 (OChem; F) __/
- CHEM 342/343 (OChem; S) __/
- CHEM 352 (Biochem; S) __

- BIO 356/357 (Parasit/lab; ?) __(4h)
- BIO 421 (Epidemi; TBA) __(3h)
- BIO 432 (Histol; ?) __(4h)
- BIO 472 (Cell Bio; S) __(3h)
- BIO 462 (Path; ?) __(3h)

Revised 9/2/11; effective Fall 2011; Spring (S) and Fall (F) designations are approximate, schedule may change as demand necessitates.
BIO 465 (Virology; ?)  ___(3h)  
BIO 479 (Intern; 1-3h) ___

No Minor Option:
Add 5 hours of non-restricted BIO 300-400 level courses ___
CHEM 353 (Biochem lab; S) ___

#Course conflict: Physics II cannot be taken in the final year - conflicts with BIO 480 Capstone.

128 credit hours are required to graduate from West Liberty with a B.S.; 40 of those hours must be 300-400 level courses.

2 Track 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.