Biological Sciences Major – Worksheet

**USE YOUR ACADEMIC REQUIREMENTS REPORT TO FILL OUT & UPDATE THIS WORKSHEET**
(In Student Admin, go to Student Center, select “Academic Requirements” from the drop-down menu, and click on expand all.)

I. University Requirements:
- Pass/Fail: No pass/fail courses can be used towards general ed., 45-credit, major, or related requirements.
- 8 Year Rule: Courses over eight years old are subject to review by the Dean.
- Content Area 1: Pass two courses taken in two different subject areas. Write in courses under CLAS Areas A-D or A-E requirement on right.
- Content Area 2: Pass two courses taken in two different subject areas.
- Content Area 3: Pass two courses, including one four credit lab. Courses must be from two different depts. BS students, circle courses under CLAS BS Content Area 3 Requirements on right. BA students only, write in courses below:
- Subject Area Restriction: Students must pass courses taken in six different subject areas from Content Areas One, Two and Three.
- Content Area 4: Students must pass two courses, one of which must address issues of diversity and/or multiculturalism outside the United States.
- Overlap Restriction: At least one CA 4 course must not also be used toward CA 1, 2, or 3.
- Second Language Competency: (circle one)
  A. 3 years high school level, or
  B. 2 years high school level plus passing the 2nd year (Intermediate) UConn level, or
  C. Elementary and Intermediate levels at UConn, or
  D. Successful completion of language equiv. exam
- Writing Competency:
  Freshman English Requirement (circle course/s taken): ENGL 1010 or 1011 or 3800 or ENGL 91002 & 91003 2000+ level W in [each] major: __________
  2nd W any level: __________
- Quantitative Competency: Students must pass two Q courses, one of which must be MATH or STAT. Write in courses under CLAS Q requirement on right.
- Total units & GPA: (120 or more total credits/ 2.0 GPA)
  Total credits to date: ________ Current GPA: ________

II. CLAS Requirements:
- Intermediate Language: See Second Language Competency on left.
- Quantitative Competency: Students must pass a total of three Q courses, with one from MATH or STAT.

  ________ ________ ________
- Areas A-D (BS degree) or A-E (BA degree):
  Courses must be from at least 4 different academic units.
  BS: 4 courses with at least one from each category A-D
  BA: 5 courses with at least one from each category A-D. 5th course can come from any area A-E
  A: Arts ____________________________
  B: Literature ____________________________
  C: History ____________________________
  D: Philosophy ____________________________
  E: World Cultures ____________________________

  BS Content Area 3 Requirements: (BS students only)
  - Biology Requirement (BS students circle below)
    BIOL 1107 or 1108 or 1110
  - Chemistry Requirement (BS students circle below)
    CHEM 1124Q & 1125Q & 1126Q or 1127Q & 1128Q or 1147Q & 1148Q or 1137Q & 1138Q
  - Mathematics Requirement (BS students circle below)
    MATH 1131Q & 1132Q or 1151Q & 1152Q or 2141Q & 2142Q
  - Physics Requirement (BS students circle below)
    PHYS 1201Q & 1202Q or 1401Q & 1402Q or 1501Q & 1502Q or 1601Q & 1602Q
  - 45 Unit Rule: Students must earn a minimum of 45 units of 2000 level or higher courses.  
    Note that you will need to earn at least 36 credits from 2000-level or higher courses for your major in order to fulfill your 24 credit group and 12 credits of Relateds).
    2000-level credits to date: ____________________________
## III. Biological Sciences Requirements:

### Introductory Biology Courses: complete all of the following:
- ☐ BIOL 1107 Principles of Biology I (4 cr.)
- ☐ BIOL 1108 Principles of Biology II (4 cr.) or ☐ BIOL 1110 Intro to Botany (4 cr.)

### MCB Core Requirement: complete at least one MCB course from the following:
- ☐ MCB 2000 Introduction to Biochemistry (4 cr.)
- ☐ MCB 2210 Cell Biology (3 cr.)
- ☐ MCB 2400 Human Genetics (3 cr.)
- ☐ MCB 2410 Genetics (3 cr.)
- ☐ MCB 2610 Fundamentals of Microbiology (4 cr.)
- ☐ MCB 3010 Biochemistry (5 cr.)

### EEB Core Requirement: complete at least one EEB course from the following:
- ☐ EEB 2244 or 2244W General Ecology (4 cr.)
- ☐ EEB 2245 or 2245W Evolutionary Biology (3-4 cr.)

### PNB Core Requirement: complete at least one PNB course or course sequence from the following:
- ☐ PNB 2250 Animal Physiology (3 cr.)
- ☐ PNB 2274 and 2275 Enhanced Human Physiology & Anatomy (8 cr. total)

### Writing in the Major: complete at least one of the following:
- ☐ BIOL 3520W
- ☐ EEB 4896W
- ☐ MCB 4026W
- ☐ EEB 2244W
- ☐ EEB 3220W
- ☐ EEB 4230W
- ☐ EEB 4276W
- ☐ MCB 3022W
- ☐ MCB 3602W
- ☐ MCB 3841W
- ☐ MCB 3996W
- ☐ PNB 3120W
- ☐ PNB 3263WQ
- ☐ PNB 3264W
- ☐ PNB 4296W

### 24-Credit Group: Complete at least 24 credits of 2000-level or higher courses in EEB, MCB, or PNB with an average GPA of 2.0 or higher. The 24-credit group includes courses from the biology core and writing in the major requirements above. Students may apply no more than 3 independent study credits and 8 transfer credits toward their 24-credit group.

Note: PNB 2264 and 2265 CANNOT count towards the 24-credit group.

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**Related Group:** Complete at least 12 credits of 2000-level or higher related courses. Speak with your assigned advisor to determine which courses can count as Relateds.

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