

# Biological Sciences Major – Worksheet

Last revised: 2017

Student Name (print) \_\_\_\_\_ Student ID: \_\_\_\_\_ Date \_\_\_\_\_

**\*\*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-E 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. **Circle courses under CLAS BS Content Area 3 Requirements on right.**
- 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):  
**BS**: 4 Courses from at least 4 different academic units with at least one from each category A-D. **BA**: 5 Courses from at least 4 different academic units with at least one from each category A-D. 5<sup>th</sup> course can come from area A-E.  
  
A: Arts \_\_\_\_\_  
B: Literature \_\_\_\_\_  
C: History \_\_\_\_\_  
D: Philosophy \_\_\_\_\_  
E: World Cultures \_\_\_\_\_

### BS Content Area 3 Requirements:

- Biology Requirement (circle below)  
BIOL 1107 or 1108 or 1110
- Chemistry Requirement (circle below)  
CHEM 1124Q & 1125Q & 1126Q  
or 1127Q & 1128Q  
or 1147Q & 1148Q  
or 1137Q & 1138Q
- Mathematics Requirement (circle below)  
MATH 1131Q & 1132Q  
or 1151Q & 1152Q  
or 2141Q & 2142Q
- Physics Requirement (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:

- |                                     |                                    |                                     |
|-------------------------------------|------------------------------------|-------------------------------------|
| <input type="checkbox"/> BIOL 3520W | <input type="checkbox"/> EEB 4896W | <input type="checkbox"/> MCB 4026W  |
| <input type="checkbox"/> EEB 2244W  | <input type="checkbox"/> EEB 5335W | <input type="checkbox"/> MCB 4997W  |
| <input type="checkbox"/> EEB 2245W  | <input type="checkbox"/> MCB 3022W | <input type="checkbox"/> PNB 3120W  |
| <input type="checkbox"/> EEB 3220W  | <input type="checkbox"/> MCB 3602W | <input type="checkbox"/> PNB 3263WQ |
| <input type="checkbox"/> EEB 4230W  | <input type="checkbox"/> MCB 3841W | <input type="checkbox"/> PNB 3264W  |
| <input type="checkbox"/> EEB 4276W  | <input type="checkbox"/> MCB 3996W | <input type="checkbox"/> PNB 4296W  |

**24-Credit Group:** Complete at least 24 credits of 2000-level or higher courses in EEB, MCB, or PNB, of which at least 3 credits must be at the 3000-level or above, 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.

\_\_\_ credits in \_\_\_\_\_    \_\_\_ credits in \_\_\_\_\_    \_\_\_ credits in \_\_\_\_\_  
\_\_\_ credits in \_\_\_\_\_    \_\_\_ credits in \_\_\_\_\_    \_\_\_ credits in \_\_\_\_\_  
\_\_\_ credits in \_\_\_\_\_    \_\_\_ credits in \_\_\_\_\_    \_\_\_ credits in \_\_\_\_\_

Credits to date: \_\_\_\_\_

Current GPA: \_\_\_\_\_

**Related Group:** Complete at least 12 credits of 2000-level or higher related courses. *View list of pre-approved related courses on the Academic Requirements Report.*

\_\_\_ credits in \_\_\_\_\_    \_\_\_ credits in \_\_\_\_\_  
\_\_\_ credits in \_\_\_\_\_    \_\_\_ credits in \_\_\_\_\_  
\_\_\_ credits in \_\_\_\_\_    \_\_\_ credits in \_\_\_\_\_

Credits to date: \_\_\_\_\_