

Physiology & Neurobiology Major – Worksheet

Last revised: November 2016

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-D 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):**
Courses must be from at least 4 different academic units with at least one from each category A-D
 - A: Arts _____
 - B: Literature _____
 - C: History _____
 - D: Philosophy _____

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 Related(s).

2000-level credits to date: _____

III. Physiology and Neurobiology 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.)

Physics Sequence: complete **one** sequence from the following:

- PHYS 1201Q, 1202Q and 1230 General Physics I & II and General Physics Problems (11 cr. total)
- PHYS 1401Q and 1402Q General Physics with Calculus I & II (8 cr. total)
- PHYS 1601Q and 1602Q Honors Fundamentals of Physics I & II (8 cr. total)

PNB Core Courses: complete **all** of the following:

- PNB 2274 Enhanced Human Physiology & Anatomy I (4 cr.)
- PNB 2275 Enhanced Human Physiology & Anatomy II (4 cr.)
- PNB 3251 Biology of the Brain (3 cr.)
- PNB 3262 Mammalian Endocrinology (2 cr.) **or** PNB 3265 Comparative Endocrinology (3 cr.)

Writing in the Major: complete at least **one** of the following:

- PNB 3120W Scientific Writing in Neurobiology (1 cr.)
- PNB 3263WQ Investigations in Neurobiology (3 cr.)
- PNB 3264W Molecular Principles of Physiology (4 cr.)
- PNB 4296W Senior Research Thesis in Physiology and Neurobiology (3 cr.)

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

- CHEM 2443 Organic Chemistry I (3 cr.)
- CHEM 2444 Organic Chemistry II (3 cr.)
- MCB 2400 Human Genetics (3 cr.) **or** MCB 2410 Genetics (3 cr.)
- MCB 2000 Introduction to Biochemistry (4 cr.) **or** MCB 3010 Biochemistry (5 cr.)