

WORKSHEET FOR SELECTING A COURSE SEQUENCE

Neurobiology Concentration

Please complete this form and return it, along with the Student Information Form, to the Biology Academic Office, Leidy Labs, Room 102. When you are provisionally admitted to the major, you will be assigned to an advisor and these documents will become part of your major file.

You will be discussing your course selections with your major advisor. The aim is to construct a combination that closely reflects your specific interests. Once your major advisor has approved this form, retain a copy for yourself and return the original to the Biology Academic Office. You may make changes to your course plan after your advisor has signed it, however it is your responsibility to ensure that your new course selection(s) fulfill the concentration requirements.

Concentration Requirements (17.5-18.5 CU)

Introductory Biology (2-3 CU)

Track 1 (2 CU)

BIOL 1121/1123 1.5 CU _____ _____

BIOL 1124 0.5 CU _____ _____

OR Track 2 (3 CU)

BIOL 1101 1.5 CU _____ _____

BIOL 1102 1.5 CU _____ _____

Chemistry (3 CU)

(Circle Appropriate Course)

CHEM 1011 or 1012
or 1151 (1 CU) _____ _____

CHEM 1021 or 1022
or 1161 (1 CU) _____ _____

CHEM 1101 and 1102 (1CU) _____ _____

CHEM 2411 (1.5 CU) _____ _____

CHEM 2421 (1.5 CU) _____ _____

Math (2 CU)

(Circle Appropriate Course)

MATH 1400 (1 CU) _____ _____

MATH 1410 or 1510 (1 CU) _____ _____

STAT 1110 or
BIOL 2510 (1 CU) _____ _____

BIOL 4536 or
CIS 1100 (1 CU) _____ _____

Physics (1.5 CU)

Semester

Year

PHYS 0102 or 0151 (1.5 CU)

Intermediate Biology (3 CU)

BIOL 1110 (1 CU) _____ _____

BIOL 2110 (1 CU) _____ _____

BIOL 2210 (1 CU) _____ _____

Advanced Electives (4 CU)

(See List on second page)

Advanced Neurobiology (1 CU)

BIOL 4310, 4142, 4110,
4116, OR 4266 _____ _____

Cellular, Molecular, and Developmental Biology (2 CU)

BIOL _____ _____ _____

BIOL _____ _____ _____

Systems and Integrative Biology (1 CU)

BIOL _____ _____ _____

Research Experience (2 CU)

BIOL 3999 (1 CU) _____ _____

BIOL 4999 (1 CU) _____ _____

STUDENT NAME _____

PENNID _____

At least one elective must be principally a neurobiology course (indicated by bold type)

Cellular, Molecular, and Developmental Biology (2 CU)

BIOL 2010 (1 CU)

BIOL 2810 (1 CU)

BIOL 3054 (1 CU)

BIOL 4210 (1 CU)*

BIOL 4825 (1 CU)

BIOL 4116 (1 CU) *Only if not taken to fulfill the advanced neurobiology requirement*

BIOL 4266 (1 CU) *Only if not taken to fulfill the advanced neurobiology requirement*

BIOL 4310 (1 CU) *Only if not taken to fulfill the advanced neurobiology requirement*

NRSC 2269 (1 CU)

NRSC 2270 (1 CU)

NRSC 2350 (1 CU)

NRSC 3492 (1 CU)

NRSC 4480 (1 CU)

NRSC 4482 (1 CU)

PHYS 2280 (1 CU)

BIOL 5240 (1 CU)

NGG 5720 (1 CU) *Permission of concentration advisor required before enrolling*

NGG 5970 (1 CU) *Permission of concentration advisor required before enrolling*

Systems and Integrative Biology (1 CU)

BIOL 2311 (1 CU)

BIOL 2140 (1 CU)

BIOL 3310 (1CU)

BIOL 4142 (1 CU) *Only if not taken to fulfill the advanced neurobiology requirement*

BIOL 4110 (1 CU)* *Only if not taken to fulfill the advanced neurobiology requirement*

NRSC 2227 (1 CU)

NRSC 2249 (1 CU)

NRSC 4421 (1 CU)

NRSC 4460 (1 CU)

PHYS 5585 (1 CU) *Permission of concentration advisor required before enrolling*

NGG 5730 (1 CU) *Permission of concentration advisor required before enrolling*