**THE UNIVERSITY OF PUGET SOUND**

2014-2015 CURRICULUM GUIDE

**NEUROSCIENCE**

DEGREE: EMPHASIS **(NOT A MAJOR)**

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|  |  |  |
| --- | --- | --- |
|  | **A suggested four-year program:** |  |
| *Fall Semester Classes* |  | *Spring Semester Classes* |  |
|  |  |  |  |
| **Freshman** | **Units** |  | **Units** |
|  |  |  |  |
| SSI 1 |  | 1 | SSI 2 | 1 |
|  |  |  |  |  |
| BIOL 111/lab (NS core) or elective |  | 1 | Approaches core or elective | 1 |
|  |  |  |  |  |
| Approaches core or elective |  | 1 | BIOL 111/lab (NS core) or elective | 1 |
|  |  |  |  |  |
| FL (if needed) or elective) |  | 1 | FL ( if needed) or elective | 1 |
|  |  |  |  |  |
|  |  |  |  |
| **Sophomore** | **Units** |  | **Units** |
|  |  |  |  |
| Major course |  | 1 | NRSC 201 | 1 |
|  |  |  |  |  |
| Major course |  | 1 | Major course | 1 |
|  |  |  |  |  |
| Approaches core or elective |  | 1 | Major course | 1 |
|  |  |  |  |  |
| Elective |  | 1 | Approaches core or elective | 1 |
|  |  |  |  |  |
|  |  |  |  |  |
| **Junior** | **Units** |  | **Units** |
|  |  |  |  |
| NRSC Elective 11 |  | 1 | NRSC Elective 21 | 1 |
|  |  |  |  |  |
| Major course |  | 1 | Internship/Research2 | 1 |
|  |  |  |  |  |
| Major course |  | 1 | Major course | 1 |
|  |  |  |  |  |
| Major course or elective |  | 1 | Elective | 1 |
|  |  |  |  |  |
|  |  |  |  |  |
| **Senior** | **Units** |  | **Units** |
|  |  |  |  |
| NRSC Elective 31 |  | 1 | NRSC 450 | 1 |
|  |  |  |  |  |
| CN core\* |  | 1 | Major course | 1 |
|  |  |  |  |  |
| Major course |  | 1 | Major course or elective | 1 |
|  |  |  |  |  |
| Elective |  | 1 | Elective | 1 |
|  |  |  |  |  |
|  |  |  | **Puget Sound requires a total of 32 units to graduate.** |  |

**NOTES:**

1. Electives taken to fulfill the NRSC Emphasis requirements may also count toward the university upper division course requirement. At least two electives should be outside the student’s major.
2. Credit earned through Internship/Research does not count toward the NRSC emphasis, but may count toward a student’s major or university requirements. Internship/Research may also be completed during the summer between junior and senior years.
* Of the three units of upper division coursework required outside the first major, the Connections course will count for one un-less it is used to meet a major requirement.

**THE UNIVERSITY OF PUGET SOUND**

COURSE CHECKLIST

**NEUROSCIENCE**

**CORE CURRICULUM**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| UNIVERSITY CORE |  | CRS | TERM | GRADE |
|  |  |  |  |  |
| SSI1 |  |  |  |  |
|  |  |  |  |  |
| SSI2 |  |  |  |  |
|  |  |  |  |  |
| AR |  |  |  |  |
|  |  |  |  |  |
| HM |  |  |  |  |
|  |  |  |  |  |
| MA |  |  |  |  |
|  |  |  |  |  |
| NS (BIOL 111 recommended) |  |  |  |  |
|  |  |  |  |  |
| SL |  |  |  |  |
|  |  |  |  |  |
| CN |  |  |  |  |
|  |  |  |  |
| **KEY** |
| SSI1= Seminar in Scholarly Inquiry1 | MA= Mathematical Approaches |
| SSI2= Seminar in Scholarly Inquiry2 | NS= Natural Scientific Approaches |
| AR= Artistic Approaches | SL= Social Scientific Approaches |
| HM= Humanistic Approaches | CN= Connections |
|  | FL= Foreign Language |

**Foreign Language Requirement** (circle one)

1. Two semesters at 101/102 level or One semester at 200+ level
2. Proficiency exam (3rd year high school level or 1st year college level)
3. AP foreign language score of 4 or 5
4. IB higher level foreign language score of 5, 6, or 7

**MAJOR REQUIREMENTS**

COURSE UNITS TERM GRADE

NRSC 2011

NRSC 450

Electives2

1.

2.

3.

NRSC 450

Internship/Research3

Recommended4

PSYC 101

**THIS FORM IS**

**NOT AN**

**OFFICIAL GRADUATION ANALYSIS**

**Upper Division Level Requirement**

Three units at the upper division level outside the first major.

**NOTES**

1. Prerequisites for NRSC 201 are BIOL 111 OR BIOL 101 with permission of instructor OR permission of instructor. Completion of NRSC 201 with a grade of C or higher is required to earn an emphasis in neuroscience.
2. Three units of neuroscience emphasis electives are required, chosen from: BIOL 212, 340, 361, 404, 461, 434, 472; CSCI 431; EXSC 221, 222, 328, 424, 428; PHIL 228, 393; PHYS 231; PSYC 230, 310, 313351, 371, 373; STS 318, 350. Courses taken to fulfill neuroscience emphasis requirements may NOT also be used to meet requirements of the first major, but MAY be used to meet requirements of a second major or the university core. At least two electives should be outside the student’s major.
3. Students pursuing the neuroscience emphasis are required to participate in an undergraduate internship or research program, and must submit the required proposal after consulting with a NRSC advisor prior to the end of the second semester of the junior year. In fulfilling this requirement, students may simultaneously earn credit toward university or major requirements, but may not count internship/research coursework toward the five units required to earn the neuroscience emphasis.
4. In addition to PSYC 101, graduate programs in neuroscience often require one year of biology; two years of chemistry (including organic chemistry); one year of mathematics, including calculus; and one year of physics. Students are strongly encouraged to consult with their neuroscience advisors to evaluate if these courses are appropriate for their career interests.

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