# NEUROSCIENCE WORKSHEET & CONTRACT

Name ______________________________ Class of _____ Major(s) __________________________

## I. INTRODUCTORY COURSES

<table>
<thead>
<tr>
<th>Course</th>
<th>Term</th>
<th>Grade</th>
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<tbody>
<tr>
<td>Biopsychology (Psych 238)</td>
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<tr>
<td>Cell/Molecular Neuroscience (Neuro 239)</td>
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## II. CORE ELECTIVE COURSES

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<thead>
<tr>
<th>Elective Type</th>
<th>Term</th>
<th>Grade</th>
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<tbody>
<tr>
<td>200-Level Elective$^1$</td>
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<tr>
<td>300-Level Elective</td>
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<tr>
<td>Interdisciplinary Elective$^2$</td>
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## III. SEMINAR

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<thead>
<tr>
<th>Seminar Title</th>
<th>Term</th>
<th>Grade</th>
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This contract may be altered at any time by mutual consent of the student and the director of the Neuroscience Program.

Signature of student ______________________________ Date __________

Signature of director ______________________________ Date __________

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1 Your 200-level and 300-level electives CANNOT be taught out of the same department (e.g., PSY2xx & PSY3xx).
2 Note that a short, 1-2 page reflective piece relating this course to your neuroscience studies must be submitted to the Program Director in order to receive for this course toward your concentration.
APPROVED COURSES:

200-Level Foundation Elective Courses (1 required)
Biology 227, Cell Biology
Biology 233, Intermediate Genetics
Biology 243, Human Anatomy and Physiology
Biology 247, Animal Physiology
Biology 248, Invertebrate Zoology
Psychology 225, Psychophysiology
Psychology 235, Sensation and Perception
Psychology 236, Conditioning and Learning
Psychology 237, Cognitive Psychology
Another appropriate Biology or Psychology course with permission of the Program Director

300-Level Advanced Science Elective Courses (1 required)
Biology 341, Advanced Cell Physiology
Biology 365, Molecular Biology
Biology 372, Developmental Biology
Biology 386, Animal Behavior
Biology 387, Neuroethology
Chemistry 373, Experimental Biochemistry*
Chemistry 379, Biochemistry*
*Note: Both Chemistry 373 and 379 must be taken in order for 379 to count toward the concentration
Physics 390, Topics in Physics
Psychology 385, Human Neuropsychology
Psychology 395, Advanced Research Methods in Behavioral Neuroscience
Directed Undergraduate Research (Biology 396, Psychology 396 or Neuroscience 396) on a neuroscience topic with permission of the Program Director
Independent Research (Biology 398, Psychology 398 or Neuroscience 398) on a neuroscience topic with permission of the Program Director
Another appropriate advanced science course with permission of the Program Director

Examples of Interdisciplinary Elective Courses (1 required)
Computer Science 231, Mathematical Foundations of Computing
Computer Science 233, Theory of Computation
Computer Science 253, Algorithms and Data Structures
Computer Science 315, Bioinformatics
Dance 201, Body Moveable*
Dance 212, Articulate Body*
Dance 301, Advanced Body Moveable*
*Note: Two of these 0.5 credit courses must be taken to fulfill this requirement.
Math 230, Introduction to Differential Equations
Math 236, Mathematics of Biology
Math 330, Differential Equations
Philosophy 231, Philosophy of Mind
Philosophy 250, Biomedical Ethics
Philosophy 251, Science, Ethics, and Religion
Exercise Science 374, Biomechanics
Exercise Science 375, Physiology of Exercise
Statistics 272, Statistical Modeling
Statistics 276, Design of Experiments
Statistics 322, Statistical Theory
Another appropriate interdisciplinary course with permission of the Program Director

Seminar (1 required)
Designated Seminar in Biology (e.g., Biology 385, The Neuron)
Designated Seminar in Psychology (e.g., Psych 336, Neuroscience of Addiction; Psych 337, Neurobiology of Learning and Memory; Psych 338, Neurobiology of Psychopathology; Psych 339, Cognitive Neuroscience)
Other designated seminars in Chemistry or Biology or Psychology or Physics