Neuroscience Track
Graduation Checklist

Students entering the Neuroscience Track must have and maintain a minimum cumulative GPA of 3.0

Student’s name __________________________________ SPIRE ID ______________________________

1. Six required courses
   ___ Psych 100: Introductory Psychology or Psychology 110: Psychology As Natural Science
   ___ Psych 240: Statistics in Psychology
   ___ Psych 241: Methods of Inquiry in Psychology (should be completed by the end of 1st semester of Junior Year)
   ___ Psych 330: Introduction to Neuroscience (formerly Behavioral Neuroscience)
   ___ Psych 392A: Junior Year Writing Seminar
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2. Two of the following
   ___ Psych 315: Cognitive Psychology
   ___ Psych 320: Learning and Thinking
   ___ Psych 335: Behavioral Neuroendocrinology

3. One of the following
   ___ Psych 350: Developmental Psychology
   ___ Psych 360: Social Psychology
   ___ Psych 380: Abnormal Psychology

4. One of the following (note that any option can be used for the advanced neuro elective but only Psych 391 seminars can count towards the Integrative Experience requirement)
   ___ Advanced neuroscience elective (at least 3 credits, 500 level or above; e.g. Bio 572, Psych 530 or 535)
   ___ Psych 391 or 591 seminar in a neuroscience topic area

5. Lab course requirement (one of the following; at least 3 credits, graded)
   ___ Psych 430: Laboratory in Neuroscience (offered in spring semester only)
   ___ Psych 496A: Independent Study in Psychology (Neuroscience labs only)
   ___ Psych 499T: Honors Thesis in Psychology (Neuroscience labs only)
   ___ Bio 499T: Honors Thesis in Biology (Neuroscience labs only)

Independent study (graded) or honors thesis may be taken with any faculty member associated with the NSB Program, for example Bio 396 or 496 (Independent Study). See http://gplsls.cns.umass.edu/nsb/research/faculty for a list of NSB Program faculty members and their research interests.

6. Math (one of the following)
   ___ Computer Science 121 (no longer offered), Informatics 190S, or CICS 110
   ___ two calculus courses (Math 127 & 128) or (Math 127 & 132) or (Math 131 & 132) or (Math 131 & 128)

7. Introductory Biology (one of the following)
   ___ Biol 151, 152, & 153
   ___ Biol 110 (formerly 102; note that Biol 110 may not fulfill prerequisite for some upper level Biology electives)

8. Biology elective
   ___ at least 3 credits: 285, 288, 311 (formerly 283) or 300+
      See Neuroscience Track Advisor for prior approval of 300+ Biology course

9. Chemistry (both of the following)
   ___ General Chemistry: 111/112 or 121/122
   ___ Organic Chemistry: 261/262, & 269 (or 263/264)

10. Physics 131/132, or 151/152

11. Biology 285 or 559 or Biochem 285 or 320 (formerly 420), or 423/424 (Bio 285 cannot be used to fulfill both requirements 8 & 11)

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