Neurobiology Track Worksheet

(13 requirements or 14 for honors)

Life Sciences (2 courses)

- ☐ **1.** LS 1A/LPSA or LS 50
- ☐ **2.** LS 1B or LS 50

Intermediate Biology (1 course) (courses with labs are underlined)

- ☐ **3.**

LS 50 Integrated Science, **LS 2** Evolutionary Human Physiology and Anatomy, **HEB 10** Biology of Human Health **HEB 50** Human Metabolism, **HEB 55** Human Anatomy**, MCB 60** Cell Biology, **MCB 63** Biochemistry**, MCB 65** Physical Biochemistry**, MCB 66** Cell Biology, **MCB 68** Cell Bio & Microscopy, **OEB 50** Population Genetics**, OEB 53** Evolutionary Biology, **SCRB 50** Building a Body, **Eng-Sci 53** Quantitative Physiology

Neuroscience (5 courses)

- ☐ **4. Neuro 80: Neurobiology of Behavior**

☐ **5.** ☐ **6.**	**Any two Core Neuroscience courses:**	**Neuro 57** (Animal Behavior), **Neuro 105** (Systems Neuroscience), **Neuro 115** (Neurophysiology), **Neuro 120** (Computational Neuroscience), **Neuro 125** (Molecular Neuroscience), **Neuro 1202** (Modern Neuroanatomy), **Psy 14** (Cognitive Neuroscience)

- ☐ **7. Advanced Neuro #1 –** Tutorial (Neuro 101) or Neuro Elective
- ☐ **8. Advanced Neuro #2 –** Neuro Elective

Skills and Methods in Applied and Physical Sciences (3 courses)

☐ **9.** ☐ **10.** ☐ **11.**	**Any 3 courses**	**Physical Sciences** 2, 3, 11 or higher **Physics** 15a, 15b, 15c, 16 or higher / **Applied Physics** **Chemistry** 10, 17, 20, 27, 30, 40, 60, or higher **CS** 1, 32, 50 & other select* **Eng-Sci**, **EPS**, **Math, Applied Math**, advanced **Stats** courses

Mathematics: Calculus (1 course)

- ☐ **12. Math LS, MB, or 1A or higher. If you have calculus proficiency (see below), then you must take any Applied Math, Math, Stats or select CS course for this requirement.** Basic calculus proficiency must be demonstrated by a score of 4 or 5 on AP Calc AB or BC, or Harvard Placement Test into Math 1B or above.

Additional Mathematics, Statistics, or CS (1 course)

- ☐ **13.** All Math, Applied Math, Statistics, and select* CS courses.

*discuss specific courses with the concentration advisors in advance of enrollment

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Research and thesis courses – optional

- ☐ **14. Neuro 91** Neuroscience Research**, LS100** Experimental Research**, or Neuro 99** Thesis Research. In certain cases, independent research outside of a course can also count for Honors. See the Neuro Honors page for more information.
