

COMPUTATIONAL NEUROSCIENCE, MINOR

The Neuroscience Program has established a new cross-school, interdisciplinary Minor in Computational Neuroscience, which is an emerging field involving the application of quantitative methods to the analysis of neural circuits and the brain. In brief, the Minor requires eight courses, four core classes and four electives, the latter encouraging breadth. No more than five of these courses can also be used to fulfill requirements for another major or minors.

For more information: <https://neuroscience.sas.upenn.edu/studying-neuroscience/requirements/computational-neuroscience-minor> (<https://neuroscience.sas.upenn.edu/studying-neuroscience/requirements/computational-neuroscience-minor/>)

Code	Title	Course Units
Minor Requirements		
<i>Core Requirements</i>		
NRSC 1110	Introduction to Brain and Behavior	1
CIS 1100 or CIS 1200	Introduction to Computer Programming Programming Languages and Techniques I	1
NRSC/PHYS 5585/NGG 5940	Theoretical and Computational Neuroscience	1
Independent Research in NRSC, COGS, CIS, BE, PHYS, BIOL, or other relevant major		1
<i>Electives</i>		
Select 4 course units of Electives		4
Total Course Units		8

The degree and major requirements displayed are intended as a guide for students entering in the Fall of 2023 and later. Students should consult with their academic program regarding final certifications and requirements for graduation.
