Neuroscience, Doctoral Minor

Neuroscience as a discipline is at a vital juncture. Groundbreaking advances such as mapping of the human genome, development of advanced molecular, genetic, and imaging technologies, and novel integrative approaches have expanded knowledge about the workings of the brain as never before. With this increased understanding, neuroscientists now envision significant treatments for numerous diseases, including neurodegenerative diseases, psychiatric illnesses, and developmental and emotional disorders. The doctoral minor in neuroscience is both interdepartmental and interdisciplinary. The course curriculum draws on expertise from faculty who are spread across over 22 departments on campus.

A doctoral minor in neuroscience will be of interest to doctoral students who are interested in augmenting the discipline to their research. The minor emphasizes the core sequence of cell and molecular neuroscience and systems neuroscience as well as a midlevel graduate course in one of the two areas: cell/molecular/developmental or systems/behavior.

REQUIREMENTS

To complete the Minor, you are required to complete 9 credits. NTP/PHMCOL-M/PHYSIOL 610 Cellular and Molecular Neuroscience, NTP/ANATOMY/PHMCOL-M/PHYSIOL/PSYCH 611 Systems Neuroscience and a NTP mid-level course must be completed as part of the requirement. A list of approved NTP mid-level courses can be found here: http://ntp.neuroscience.wisc.edu/mid-levels.htm. Students must receive a grade point average of 3.0 for all required courses to receive the minor.

ADMISSIONS

Contact Mallory Musolf (musolf@wisc.edu, 608-262-4932).