

Cellular and Molecular Neurobiology Minor

Overview

Offered by the Department of Biology, the **Minor in Cellular and Molecular Neurobiology** is meant for students who wish to acquire basic knowledge of neuroscience at the molecular and cellular level. After completion of the foundational courses, students may choose upper-level courses in their particular area of interest.

Students whose programs have a significant neurobiology component may not declare a Cellular and Molecular Neurobiology minor. This includes:

- Neuroscience: Cellular and Molecular

Campus Location: Main

Undergraduate Contact Information

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Minor Requirements

Students interested in acquiring basic knowledge in Cellular and Molecular Neurobiology but not wishing to major in the subject may pursue a minor by successful completion of the following courses.

Note that most required courses have prerequisites. For more information, please check the course descriptions or ask an advisor.

Code	Title	Credit Hours
BIOL 1111 or BIOL 1911	Introduction to Organismal Biology Honors Introduction to Organismal Biology	4
Select one of the following:		4
BIOL 1112 or BIOL 1912	Introduction to Biomolecules, Cells and Genomes Honors Introduction to Biomolecules, Cells and Genomes	
BIOL 2112 or BIOL 2912	Introduction to Cellular and Molecular Biology Honors Introduction to Cellular and Molecular Biology	
BIOL 2852	Fundamentals of Cellular and Molecular Neuroscience	3
BIOL 3204	Cell Structure and Function (F)	4
BIOL 3352	Systems Neuroscience	3
At least 6 credits from the following list:		6
BIOL 3334	Mammalian Physiology	
BIOL 3354	Neural Basis of Animal Behavior	
BIOL 3356	Organization and Development of the Nervous System	
BIOL 3365	The New Neuroimmunology	
BIOL 3514	Biological Models in Python	
BIOL 4358	Cellular and Molecular Neuroscience	
BIOL 4361	Molecular Neuropharmacology	
BIOL 4375	General Biochemistry I	
Total Credit Hours		24

Residency Requirements: At least 4 courses required for the minor must be completed at Temple.