

NEUROSCIENCE (PHD)

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Program Website (<https://www.jefferson.edu/academics/colleges-schools-institutes/life-sciences/degrees-programs/phd-programs/neuroscience.html>)

Program Description

The PhD Graduate Program in Neuroscience (GPN) provides high-level, scholarly, scientific training to qualified individuals interested in pursuing diverse careers to research, foster, disseminate and facilitate an in-depth understanding of the nervous system under normal and pathological conditions.

- Provides high-level, scholarly, scientific training
- disseminate and facilitate an in-depth understanding of the nervous system under normal and pathological conditions

Curriculum of study includes neurophysiology, neuroanatomy, cell biology, biochemistry and molecular biology Requires completion of a research thesis under the tutelage of internationally recognized GPN faculty.

Curriculum 5.5 Years, 180 Credits

Course	Title	Credits
First Year		
CG 550		10
NS 601	Profiles in Neurosci Research	1
NS 616	Neuroscience Journal Club I	1
NS 710	Seminar-NS	1
GC 760	PhD Laborator Rotation II	3
NS 910	Research-NS	V
NS 700	Intro to Neuroscience	4
GC 640	Research Ethics	1
NS 626	Neuroscience Journal Club II	1
NS 720	Seminar-NS	1
GC 770	PhD Laboratory Rotation III	3
NS 920	Research-NS	V
NS 715	MolecularCellular Neuroscience	2
V	Journal Club	1
NS 730	Seminar-NS	1
NS 690	Neuropharmacology	2
GC 780	PhD Laboratory Rotation IV	3
NS 920	Research-NS	V
NS 745	AdvTop NeurodegenerativeDiseas	2
NS 930	Research-NS	V
Credits		37
Second Year		
NS 616	Neuroscience Journal Club I	1
NS 710	Seminar-NS	1
NS 910	Research-NS	V
NS 626	Neuroscience Journal Club II	1

Course	Title	Credits
NS 720	Seminar-NS	1
NS 940	Research	V
NS 636	Neuroscience Journal Club III	1
NS 730	Seminar-NS	1
NS 530	Neuroanatomy	4
NS 740	Applied Statistics in Neurosci	2
GC 730	Planning&Writing ResearchGrant	1
NS 920	Research-NS	V
General Elective		V
NS 930	Research-NS	V
Comprehensive Examination		
Credits		13
Third Year		
Continue/complete Thesis Research		
Credits		0
Fourth Year		
Continue/complete Thesis Research		
Credits		0
Fifth Year		
Continue/complete Thesis Research		
Credits		0
Total Credits		50