Neuroscience, PhD

Academic Plans

Sample Plan of Study

Sample plans represent one way to complete a program of study. Actual course selection and sequence will vary and should be discussed with an academic advisor. For additional sample plans, see MyUI.

Neuroscience, PhD

Course	Title	Hours
Academic Career		
Any Semester		
72 s.h. must be graduate level coursework; graduate transfer credits allowed upon approval. More information is included in the General Catalog and on department website. [a, b]		
Graduate College program GPA of at least 3.00 is required. [c]		
	Hours	**0**
First Year		
Any Semester		
Choose a Dissertation Lab [d]		
	Hours	**0**
Fall		
NSCI:5653	Fundamental Neurobiology I	3
NSCI:6265	Neuroscience Seminar	1
NSCI:7235	Neurobiology of Disease	3
NSCI:7305	Neuroscience Research	5
PSY:6370	Principles of Neuropsychology	3
	Hours	**15**
Spring		
ACB:6252	Functional Neuroanatomy	4
NSCI:6265	Neuroscience Seminar	1
NSCI:7305	Neuroscience Research	7
Elective course [e]		3
	Hours	**15**
Second Year		
Fall		
BMED:7270	Scholarly Integrity/Responsible Conduct of Research I	0
NSCI:6265	Neuroscience Seminar	1
NSCI:7305	Neuroscience Research	8
Statistics course [f]		3 - 4
Elective course [e]		3
	Hours	**15-16**
Spring		
BMED:7271	Scholarly Integrity/Responsible Conduct of Research II	0
NSCI:6265	Neuroscience Seminar	1
NSCI:7305	Neuroscience Research	12
Elective course [e]		2
	Hours	**15**
Summer		
Exam: Doctoral Comprehensive Exam		
	Hours	**0**
Third Year		
Fall		
NSCI:6265	Neuroscience Seminar	1
NSCI:7305	Neuroscience Research	3
	Hours	**4**
Spring		
NSCI:6265	Neuroscience Seminar	1
NSCI:7305	Neuroscience Research	3
	Hours	**4**
Fourth Year		
Fall		
NSCI:6265	Neuroscience Seminar	1
NSCI:7305	Neuroscience Research	1
	Hours	**2**
Spring		
NSCI:6265	Neuroscience Seminar	1
NSCI:7305	Neuroscience Research	1
Exam: Doctoral Final Exam [g]		
	Hours	**2**
	Total Hours	**72-73**

a This Interdisciplinary graduate program is designed within a framework of core, track-specific, and elective courses. Students pursue a program of study individually designed according to their undergraduate training and graduate research goals. The curriculum is designed around three tracks: molecular/cellular, developmental/systems, and cognitive/behavioral; following broad-based instruction in a core curriculum, students specialize in one of the tracks.

b Students must complete specific requirements in the University of Iowa Graduate College after program admission. Refer to the Graduate College website and the Manual of Rules and Regulations for more information.

c Graduate College program GPA is comprised of all courses that are approved degree requirements. If a student takes more than the minimum required number of semester hours to complete the degree, but all courses taken are eligible to count toward the degree, those courses will be included in the Graduate College program GPA.

d Each student is expected to complete three rotations in faculty laboratories before selecting a dissertation advisor. Rotations ordinarily last 12 weeks but may last from 8 to 16 weeks. Under special circumstances, two rotations may be in the same laboratory, an arrangement that permits a student to learn a variety of techniques and approaches before settling down to work on the dissertation project.

e Elective requirements may be met by completing 8 s.h. from a list of courses offered by the departments of Anatomy and Cell Biology, Biology, Molecular Physiology and Biophysics, Neuroscience and Pharmacology, Psychological and Brain Sciences, and other departments with approval.

f Work with faculty advisor to select an appropriate course.

g Dissertation defense.