

NEUROSCIENCE CONCENTRATION WORKSHEET

Group 1 Courses – Introductory Courses.

Two of these courses must be taken and only one of them can count for both the major and the concentration.

Anticipated	Taken	Course Number & Name
		Bio 150 Introduction to Biological Inquiry
		Chem 129 General Chemistry
		Chem 130 Inorganic and Analytical Chemistry
		Compu Sci 151 Fundamentals of Computer Science I
		Compu Sci 153 Computer Science Fundamentals
		Phys 131 General Physics I
		Phys 132 General Physics II
		Phys 109 Physics in the Arts
		Psyc 113 Introduction to Psychology
		Other: Please specify!

Group 2 Course – Core Course (Spring)

The prerequisites for this course are 2 100 level introductory courses (with labs) from different departments.

Anticipated	Taken	Course Number & Name
		NRS 250 Neuroscience: Foundations, Future, and Fallacies

Group 3 Courses – Science Elective Courses

One course from the selection below must be taken.

Anticipated	Taken	Course Number & Name
		Bio 350 Animal Development
		Bio 355 Developmental Genetics
		Bio 363 Neurobiology
		Bio 364 Animal Physiology
		Chem 332 Biophysical Chemistry
		Compu Scie 261 Artificial Intelligence
		Math 309 Design and Analysis of Experiments
		Math 306 Mathematical Modeling
		Psyc 336 Advanced Behavioral Psychology

		Psyc 348 Behavioral Medicine
		Psyc 360 Advanced Cognitive Psychology
		Other: Please Specify!

Group 4 Courses – Cross-Divisional Electives

One course from the following content areas must be taken. The student should choose a topic of interest that can be integrated in the discussions and work of the senior seminar. Student should state why a given course was chosen and how it relates to neuroscience.

Anticipated	Taken	Course Number & Name
A). Perceptual-Motor Integration		
		Art 234 Drawing
Why		
		Mus 215 Introduction to Composition
Why		
		Theat 225 Choreography: Theory and Composition
B). Humanities Perspective on Science and Mental Processes		
		Phil 253 Philosophy of Mind
Why		
		Phil 256 Philosophy of Language and Cognition
Why		
		Phil 257 Philosophy of Science
Why		
C). Health and Illness		
		Anthro 210 Illness, Healing, and Culture
Why		
		Soc 242 Deviance and Social Control
Why		
		Soc 265 Sociology of Health and Illness
Why		
		Edu 250 The Exceptional Child

Why	
D). Other	
	Please Specify!
Why	

Group 5 Course – Senior Seminar

Prerequisites for this mandatory course are NRS 250 and completion or concurrent enrollment in course from Group 4.

Anticipated	Taken	Course Number & Name
		NRS 495 Neuroscience Seminar