

NEUROSCIENCE MAJOR ADVISING WORKSHEET

Updated 6/9/21

NAME: _____ **ID#** _____ **Grad Year:** _____

MAJOR: (single, double) _____ **Major Advisor:** _____

Minor (one at most): _____

AP or Placement Exam CREDITS: _____

TRANSFER CREDITS: _____

	Requirement	Course Number	Course Name	Expected Term of Completion	Completed
1	Background Courses (4) (* prerequisites for NSCI 251 – take in first year)	PSYC 0105*	Intro to Psychology		
2		CHEM 0103**	General Chemistry 1		
3		BIOL 0145*	Cell Biology and Genetics		
4		PSYC 0201 or BIOL0211	Psychology Statistics or Biostatistics		
5	Foundations Courses (3)	NSCI 0251	Fundamentals of Cellular & Molecular Neuro.		
6		NSCI 0252	Fundamentals of Behavioral Neuroscience		
7		Philosophical Studies of Neuroscience	PHIL 0252 (was 352) or PHIL 0280 or PHIL 0360		
8	Elective Courses (3) (see below)				
9					
10					
11	Senior Study (1) (see below)	NSCI 500/700/701 OR Senior Seminar			

** For all students matriculating Fall 2019 or later, CHEM 103 or equivalent is a pre-requisite for BIOL 145.

Electives: 3 of the following are required, chosen from courses listed below (also check website for most current list)

Biological studies of Neuroscience

- BIOL 0216 Animal Behavior
- BIOL 0235 Sexual Selection
- BIOL 0270 Neural Disorders
- BIOL 0305 Developmental Biology
- BIOL 0333 Receptor Biology
- BIOL 0350 Endocrinology
- BIOL 0370 Animal Physiology
- NSCI 0200 Pioneers of the Brain
- NSCI 0225 Brain Evolution (was 325)
- NSCI 0320 Clinical Neuroscience
- NSCI 0345 Neurodevelopment

Psychological Studies of Neuroscience

- PSYC 0202 Research Methods
- PSYC/NSCI 0206 Brain Plasticity
- PSYC/NSCI 0227 Cognitive Psych (was 0305)
- PSYC/NSCI 0302 Conditioning & Learning
- PSYC/NSCI 0303 Sensation/Perception
- PSYC/NSCI 0309 Psychopharmacology
- PSYC/NSCI 0317 Biobehavioral Addiction
- PSYC/NSCI 0343 Behavioral Genetics
- PSYC/NSCI 353 Social Neuroscience
- RELI/PSYC 0209 (was 0304) Mindfulness & Psychology
- LNGT 0226 Phonetics & Phonology

Philosophical studies of Neuroscience

- PHIL 0214 Science and Society
- PHIL 0216 Science & the Quest for Truth
- PHIL 0220 Knowledge and Reality
- PHIL 0230 Moral Psychology (S'22)
- *PHIL 0252 Philosophy of Mind
- *PHIL 0280 Semantics, Logic & Cognition
- PHIL 0310: see PHIL 230
- PHIL 0316 Philosophy of Science
- PHIL/LNGT 0354 Phil. of Language
- *PHIL 0360 Consciousness
- RELI/PHIL 320: Sem in Buddhist Phil.
- (* If not taken already to satisfy the Philosophical Studies requirement)

Senior Work: 1 of the following approved courses (or other approved seminars)

Senior Seminars

- BIOL/NSCI 0420 Neurogenetics
- BIOL 0475 Neuroplasticity
- BIOL/NSCI 0480 Neurobiology
- NSCI 0410 Neural Coding
- NSCI 0425 Methods in Neuroscience

Senior Seminars

- PSYC 0408 Family in Psychology
- PSYC/NSCI 0414 Rhythms of the Brain
- PSYC/NSCI 0418 Psychobio & Sex Diff Critique
- PSYC/NSCI 0430 Research Sem Human Memory
- PSYC/NSCI 0434 Genes, Brain, and Behavior
- PSYC/NSCI 0437 Social and Emotional Brain

Independent Research

- NSCI 0500 Independent Research
- NSCI 0700 Senior Research
- NSCI 0701 Senior Thesis

Other Graduation Requirements:

Additional (Optional) Courses for Health Professions: (including pre-med, -vet, -dental, -nursing)			
COURSE	when taken	Complete	Notes
CHEM 0104			
MATH 0121			
CHEM 0203			
CHEM 0322			
PHYS 0109/111 or PHYS 0110			

Category	course taken	Done
FIRST YEAR SEMINAR:		
WRITING COURSE:		
PE REQUIREMENT:	1)	2)

Academic Categories (7 out of 8)				course taken			Done
Literature	LIT			Physical/ Life Sciences	SCI	DONE (e.g. BIOL 0145)	
The Arts	ART			Deductive Reasoning	DED	DONE (e.g. CHEM 103)	
Phil/Relig. Studies	PHL	(eg PHIL 252/358/360)		Social Analysis	SOC	DONE (e.g. PSYC 0105)	
Historical Studies	HIS			Foreign Language	LNG		

Cultures & Civilizations:

Matriculation F'17 or later:		
Category	course taken	complete
SOA		
NOA		
MDE		
SAF		
EUR		
AMR		

Matriculation prior to F'17:		
Category	course taken	complete
AL		
CMP		
EUR		
NOR		

Major courses still needed for graduation: _____

Notes: _____

Final Major Requirements Completed: _____ Date: _____

Approved (initials or signature): _____
