

Behavioral and Cellular Neuroscience (BCN) Psychology Ph.D. Program Requirements

The following courses are required for a Ph.D. in Psychology (a minimum of 96 graduate hours). Courses taken at another institution can only be used to fulfill the department requirements if the course has been reviewed and approved by a member of the TAMU Psychology Department who regularly teaches the course (written documentation required). Except where noted, all courses are 3 credits.

*Notes: 635, 649, 681 may be taken multiple times. *See following page for additional elective courses are approved, but have not been offered recently; other elective courses may be used with the permission of the student's Advisory Committee. **These elective classes are particularly common for BCN students.*

BCN Area Requirements (2 required)

- PSYC 606 – Learning
- PSYC 609 – Physiological Psychology (*can be waived if take NRSC 601 and 602*)

Ethics (1 required) (1 credit each)

- BIOL 696 – Ethics & Responsible Conduct Res.
- MSCI 609 – Responsible Conduct of Research
- VMID 686 – Scientific Ethics

Statistics Requirements (2 required)

- PSYC 607 – Experimental Psychology
- PSYC 671 – Experimental Design Beh. Scientists

Seminars (PSYC 691 required; recommend others)

- PSYC 691 -- First-year Colloquium (1 credit)
- PSYC 635 – BCN Research Seminar (2 credits)
- NRSC 681 – TAMIN Seminar (1 credit)

Electives for Psychology Breadth* (2 required)

- PSYC 603 – Motivation and Cognitive Processes**
- PSYC 620 – Theories of Social Psychology
- PSYC 622 – Affective Science
- PSYC 626 – Psychopathology
- PSYC 649 – Seminar in Behavioral Neurosci.**
- PSYC 650 – Clinical Psychopharmacology**
- PSYC 689 – Special Topics in ...

Electives for Neuroscience* (4 required; 12+ cred)

- NRSC 601 – Principles of Neuroscience I**
- NRSC 602 – Principles of Neuroscience II**
- NRSC 603 – Neuroanatomy (4 credits)
- NRSC 604 – Biomed Neuroendo, Endo. Disorders
- NRSC 611 – Mol. Bio. Differentiation & Develop.
- NRSC 633 – Neuropsychopharmacology (4 cred)**
- NRSC 640 – Neurobiology
- NRSC 649 – Seminar in Behavioral Neurosci.**

Research Credits

- PSYC 685 – Directed Studies, 1st yr (1-4 credits)
- PSYC 691 – Research (1-9 credits)

Example Coursework Schedule

First Year - Fall	First Year - Spring	First Year - Summer
PSYC 606 - Learning (3)	PSYC 671 - Experimental Design (3)	PSYC 685 (6)
PSYC 607 - Experimental Psych (3)	Elective (psychology/neuroscience) (3)	
PSYC 691 - First-year Colloquium (1)	Seminar and/or Ethics (1-2)	
PSYC 685 - Research (2)	PSYC 685 - Research (1-2)	

Second Year - Fall	Second Year - Spring	Second Year - Summer
NRSC 601 - Principles Neurosci I (3)	NRSC 602 - Principles Neurosci II (3)	PSYC 691 (6)
Elective (psychology/neuroscience) (3)	Elective (psychology/neuroscience) (3)	
Seminar and/or Ethics (1-2)	Seminar and/or Ethics (1-2)	
PSYC 691 - Research (1-2)	PSYC 691 - Research (1-2)	

Third Year - Fall	Third Year - Spring	Third Year - Summer
Elective (psychology/neuroscience) (3)	PSYC 691 - Research (9)	PSYC 691 (6)
PSYC 691 - Research (6)		

Common instructors, semesters offered, and meeting times for courses

Note: The semester in which courses are offered is subject to change. There is no guarantee that courses will be offered as depicted.

Class	Title	Instructor	Semester	Common day/time
<u>Required BCN (2 required)</u>				
PSYC 606	Learning	Grau	Fall	TR 11:10-12:25
PSYC 609	Physiological Psychology	Eitan	Spring	T 2:00-5:00
<u>Required Stats (2 required)</u>				
PSYC 607	Experimental Psychology	Worthy	Fall	TR 12:45-2:00
PSYC 671	Experimental Design	Worthy	Spring	TR 12:45-2:00
<u>Required Ethics (1 required)</u>				
BIOL 696	Ethics & Responsible Conduct	Gomer	Spring	W 1:00-2:30
MSCI 609	Responsible Conduct	Wilson	Fall	R 12:00-1:00
VMID 686	Scientific Ethics	Johnson	Spring	W 1:00-3:00
<u>Electives for Psychology Breadth (2 required)</u>				
PSYC 603	Motivation & Cognitive	S. Smith	Fall	TR 2:20-3:35
PSYC 620	Social Psychology	Rholes	Fall/Spring	W 10:00-1:00
PSYC 622	Affective Science	Lench	Fall (2017)	M 9:00-12:00
PSYC 626	Psychopathology	Edens	Fall	W 9:00-12:00
PSYC 649	Seminar in Behavioral Neurosci ...Neurosci. Addiction & Anxiety ...Grant writing	R. Smith Maren	Spring (even years) Fall and/or spring	
PSYC 650	Clinical Psychopharmacology	Bolanos	Fall	TR 12:45-2:00
PSYC 689	Special Topics in ...	various		
<u>Electives for Neuroscience electives (4 required)</u>				
NRSC 601	Principles of Neuroscience I	Dulin et al	Fall	MWF 11:00-11:50
NRSC 602	Principles of Neuroscience II	Smotherman et al	Spring	TR 11:10-12:25
NRSC 603	(VIBS 603) Neuroanatomy	Frank-Cannon	Fall	TBD
NRSC 604	(VIBS 604) Neuroendo	Arosh	Fall	TR 2:00-3:30
NRSC 611	(BIOL 611) Develop Genetics	Riley	Fall	TR 9:15-10:45
NRSC 633	Neuropsychopharm	Winzer-Serhan	Fall	TR 2:00-4:00
NRSC 640	(VIBS 640) Neurobiology	Li	Spring	MW 9:00-10:30
<u>Seminars (PSYC 691 required)</u>				
PSYC 635	BCN Research Seminar			M 12:00-1:00
PSYC 691	First-year Colloquium			M 1:00-2:00
NRSC 681	TAMIN Seminar			R 4:00-5:00
<u>Other courses approved as electives for psychology or neuroscience</u>				
PSYC 605	Memory and Consciousness	NRSC 634	(BIOL 634) Comparative Neurobio	
PSYC 615	Perceptual Processes	NRSC 635	(BIOL 601) Biological Clocks	
PSYC 630	Health Psych. and Beh Medicine	NRSC 636	(BIOL 615) Signal Behavior and Dev	
PSYC 634	Principles of Human Development	NRSC 641	(PSYC 641) Principles Neuropsych	
NRSC 605	(VIBS 606) Neuroanat systems	NRSC 644	(BIOL 644) Neural Development	
NRSC 616	(VIBS 616) Adv. Dev Neurotox	NRSC 698	Behavior, Genes, and Evolution	
NRSC 621	(VIBS 621) Functional Neuroanatomy			