

**Checklist of Course Requirements for Doctoral Candidacy**  
 Cognitive and Affective Neuroscience Research Interest Group  
 Department of Psychology  
 Rice University

*Note:* Students choose either the *Cognitive Track* or the *Affective/Health Track*

<b>Grade</b>	<b>Semester</b>	<b>Core Courses (all required)</b>
		PSYC 502 – Advanced Psychological Statistics I
		PSYC 503 – Advanced Psychological Statistics II
		PSYC 520 – Foundations of Cognitive Psychology
		PSYC 574 – Introduction to Cognitive Neuroscience
		PSYC 577 – Introduction to Functional Neuroanatomy (Baylor) <i>or</i> equivalent UT course
		PSYC 660 – Professional Issues
<b>Grade</b>	<b>Semester</b>	<b>Weekly Research Seminar (Students must pick one of the following two and attend that</b>
		PSYC 529 – Weekly Cognitive Research Seminar – every semester
		(PSYC 529)
		(PSYC 529)
		(PSYC 529)
		(PSYC 529)
		(PSYC 529)
		(PSYC 529)
		(PSYC 529)
		PSYC 532 – Weekly Health Research Seminar – every semester
		(PSYC 532)
		(PSYC 532)
		(PSYC 532)
		(PSYC 532)
		(PSYC 532)
		(PSYC 532)
		(PSYC 532)
<b>Grade</b>	<b>Semester</b>	<b>Neuroscience Core Courses (2 required)</b>
		PSYC 575/NEUR 501 – Advanced Cognitive Neuroscience: Attention and Perception
		PSYC 576/NEUR 502 – Advanced Cognitive Neuroscience: Higher Cognitive Functions
		PSYC 586/NEUR 503 – Advanced Cognitive Neuroscience: Social and Affective Neuroscience
<b>Grade</b>	<b>Semester</b>	<b><i>Cognitive Track</i> Core Courses (2 required)</b>
		PSYC 524 – Memory
		PSYC 525 – Psycholinguistics
		PSYC 527 – Decision Making/Problem Solving
		PSYC 581 – Vision Science

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Grade	Semester	<b><i>Affective/Health Track Core Courses (all required)</i></b>
		PSYC 546: Psychoneuroimmunology
		PSYC 547: Foundations of Health Psychology
		PSYC 550: Foundations of Social Psychology
Grade	Semester	<b>Electives (2 required)</b>
		PSYC 511 – History and Systems of Psychology
		PSYC 522 – Information Processing and Attention
		PSYC 524 – Memory
		PSYC 525 – Psycholinguistics
		PSYC 527 – Decision Making/Problem Solving
		PSYC 543 – Computational Modeling of Cognitive Processes
		PSYC 550 – Foundations of Social Psychology
		PSYC 575/NEUR 501 – Advanced Cognitive Neuroscience: Attention and Perception
		PSYC 576/NEUR 502 – Advanced Cognitive Neuroscience: Higher Cognitive Functions
		PSYC 586/NEUR 503 – Advanced Cognitive Neuroscience: Social and Affective Neuroscience
		PSYC 578 – Methods and Theory in Cognitive Neuropsychology
		PSYC 579 –Functional Magnetic Resonance Imaging Applications
		PSYC 580 – Developmental Cognitive Neuroscience
		UT GS140024 – Systems Neuroscience
		PSYC 581 – Vision Science
		PSYC 590 – Advanced Topics in Neuroscience (may be taken once)
		PSYC 620 – Topics in Cognitive Psychology (may be taken once)
		PSYC 621 – Topics in Memory (may be taken once)
		PSYC 622 – Topics in Psycholinguistics (may be taken once)
		PSYC 665 – Seminar in Genes and Cognition
		PSYC 681 – Perceptual Organization
		PSYC 546 – Psychoneuroimmunology
		PSYC 547 – Foundations of Health Psychology
		PSYC 552 – Emotion Regulation
		NEUR 430 – Human Neuroimaging
		NEUR 505 – Optical Imaging in Neuroscience
		NEUR 511 – Integrative Neuroscience Core I
		NEUR 512 – Integrative Neuroscience Core II
		NEUR 671 – Methods in Cognitive Neuroscience
		BIOE 592 – Sensory Neuroengineering
		BIOE 685 – Fundamentals of Medical Imaging
		UT School of Public Health – PHM 1111 – Health Promotion Theory and Methods I
		UT School of Public Health – PHM 1112 – Health Promotion Theory and Methods II

Satisfactory (B- or higher) completion of all required courses is necessary for admission to doctoral candidacy.