

College of Science
Bachelor of Science in Neuroscience
For Student Date of Entry Under UG Catalog 2025-2026
Major in Cognitive and Behavioral Neuroscience

Fall Semester Freshman 2025		Credits	Spring Semester Freshman 2026		Credits
*BIOL 1105: (Pathways Concept 4: Reasoning in the Natural Sciences): Principles of Biology	3		**BIOL 1106: (Pathways Concept 4: Reasoning in the Natural Sciences): Principles of Biology	3	
CHEM 1035: General Chemistry	3		CHEM 1036: General Chemistry	3	
ENGL 1105: (Pathways Concept 1F: Discourse- Foundational): First Year Writing	3		ENGL 1106: (Pathways Concept 1F: Discourse- Foundational): First Year Writing	3	
MATH 1025: (Pathways Concept 5F: Quantitative and Computational Thinking –Foundational): Elementary Calculus	3		Pathways Concept 5F: Quantitative and Computational Thinking –Foundational	3	
*NEUR 1004: Neuroscience Orientation Seminar	1		Free Elective	3	
PSYC 1004: (Pathways Concept 3: Reasoning in the Social Sciences): Introductory Psychology	3				
TOTAL	16		TOTAL	15	
Fall Semester Sophomore 2026		Credits	Spring Semester Sophomore 2027		Credits
NEUR 2025: Introduction to Neuroscience	3		NEUR 2026: Introduction to Neuroscience	3	
NEUR 2035: Introduction to Neuroscience Lab	1		NEUR 2036: Introduction to Neuroscience Lab	1	
Pathways Concept 2: Critical Thinking in the Humanities	3		Pathways Concept 1A: Discourse - Advanced	3	
Pathways Concept 6A: Critique and Practice in Design and the Arts (Arts)	3		Pathways Concept 2: Critical Thinking in the Humanities	3	
Free Elective	3		Pathways Concept 3: Reasoning in the Social Sciences	3	
Free Elective	3		Free Elective	3	
TOTAL	16		TOTAL	16	
Fall Semester Junior 2027		Credits	Spring Semester Junior 2028		Credits
NEUR 3044: Cellular & Molecular Neuroscience	4		NEUR 3084: Cognitive Neuroscience	3	
NEUR 3914: Neuroscience of Drug Addiction	3		NEUR 3144: Mechanisms of Learning and Memory	3	
Restricted Elective	3		Pathways Concept 6D: Critique and Practice in Design and the Arts (Design)	3	
STAT 3615: (Pathways Concept 5A: Quantitative and Computational Thinking –Advanced): Biostatistics	3		Restricted Elective	3	
Free Elective	3		Restricted Elective	3	
TOTAL	16		TOTAL	15	
Fall Semester Senior 2028		Credits	Spring Semester Senior 2029		Credits
NEUR 3594: Neurobiology of Psychiatric Disorders	3		NEUR 4044: Neuroscience Senior Seminar	3	
Restricted Elective	3		Restricted Elective	3	
Restricted Elective	3		Restricted Elective	3	
Restricted Elective	3		Restricted Elective	3	
Pathways Concept 7: Critical Analysis of Identity and Equity in the US	3				
TOTAL	15		TOTAL	12	

SAMPLE Academic Plan for students graduating calendar year 2029
Minimum of 120 credit hours needed for graduation

*Fall only course
**Spring only course