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 1014: Calculations in Chemistry	3	**CHEM 1035:** 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 1214: Preparation for Calculus	3	**MATH 1025:** (Pathways Concept 5F: Quantitative and Computational Thinking –Foundational): Elementary Calculus	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
CHEM 1036: General Chemistry	3	**Pathways Concept 3: Reasoning in the Social Sciences**	3
Pathways Concept 5F: Quantitative and Computational Thinking –Foundational	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