

College of Science
Bachelor of Science in Neuroscience
For Students Graduating in 2021
Major in Experimental Neuroscience-Option A-Pathways

Fall Semester Freshman 2017		Credits	Spring Semester Freshman 2018		Credits
BIOL 1105 (Pathways Reasoning in the Natural Sciences): Principles of Biology	3		NEUR 2025: Introduction to Neuroscience	3	
BIOL 1115: Principles of Biology Lab	1		NEUR 2035: Introduction to Neuroscience Lab	1	
MATH 1025 (Pathways Quantitative and Computational Thinking- Foundational): Elementary Calculus	3		MATH 1026 (Pathways Quantitative and Computational Thinking- Foundational): Elementary Calculus	3	
NEUR 1004: Neuroscience Orientation Seminar	1		ENGL 1106 (Pathways Discourse- Foundational) First Year Writing	3	
ENGL 1105 (Pathways Discourse- Foundational): First Year Writing	3		Pathways Reasoning in the Social Sciences	3	
PSYC 1004: Introductory Psychology	3		Pathways Advanced/Applied Discourse	3	
TOTAL	14		TOTAL	16	
Fall Semester Sophomore 2018		Credits	Spring Semester Sophomore 2019		Credits
NEUR 2026: Introduction to Neuroscience	3		BIOL 1106 (Pathways Reasoning in the Natural Sciences): Principles of Biology	3	
NEUR 2036: Introduction to Neuroscience Lab	1		BIOL 1116: Principles of Biology Lab	1	
STAT 3615 (Pathways Quantitative and Computational Thinking- Advanced): Biological Statistics	3		STAT 3616: Biological Statistics	3	
CHEM 1035: General Chemistry	3		CHEM 1036: General Chemistry	3	
CHEM 1045: General Chemistry Lab	1		CHEM 1046: General Chemistry Lab	1	
Pathways Critical Thinking in the Humanities	3		NEUR 3144: Mechanisms of Learning and Memory	3	
TOTAL	14		TOTAL	14*	
Fall Semester Junior 2019		Credits	Spring Semester Junior 2020		Credits
NEUR 2554: Experimental Neuroscience	3		NEUR 3554: Neuroscience Research and Practical Experience	3	
PHYS 2205: General Physics	3		PHYS 2206: General Physics	3	
PHYS 2215: General Physics Lab	1		PHYS 2216: General Physics Lab	1	
RESTRICTED ELECTIVE (Choose one: NEUR 3914, 4314, 4514, 4544)	3		Choose one: NEUR 3084 Cognitive Neuroscience or NEUR 3044 Cellular and Molecular Neuroscience	3	
Pathways Critical Thinking in the Humanities	3		RESTRICTED ELECTIVE (Choose another: NEUR 3914, 4314, 4514, 4544)	3	
Free Elective	3		Pathways Reasoning in the Social Sciences	3	
TOTAL	16		TOTAL	16	
Fall Semester Senior 2020		Credits	Spring Semester Senior 2021		Credits
RESTRICTED ELECTIVE (Choose another: NEUR 3914, 4314, 4514, 4544)	3		RESTRICTED ELECTIVE	3	
Pathways Critique and Practice in Design and Arts-Design	3		NEUR 4044: Neuroscience Senior Seminar	3	
Pathways Critique and Practice in Design and Arts-Arts	3		Pathways Critical Analysis of Identity and Equity in the US	3	
Free Elective	3		Free Elective	3	
Free Elective	3		Free Elective	3	
TOTAL	15		TOTAL	15	

SAMPLE Academic Plan for students graduating calendar year 2021
Total of 120 credit hours needed for graduation

*Check with Financial Aid Office to ensure that you are not on financial aid requiring 30+ credits per year.