

College of Science
 Bachelor of Science in Neuroscience
 For Students Graduating in 2021
 Major in Clinical Neuroscience-Option B-Pathways
 (medical school gap year)

Fall Semester Freshman 2017		Credits	Spring Semester Freshman 2018		Credits
BIOL 1105 (Pathways Reasoning in the Natural Sciences): Principles of Biology	3		BIOL 1106 (Pathways Reasoning in the Natural Sciences): Principles of Biology	3	
BIOL 1115 : Principles of Biology Lab	1		BIOL 1116 : Principles of Biology 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 : First Year Writing	3	
ENGL 1105 (Pathways Discourse- Foundational): First Year Writing	3		PSYC 1004 : Introductory Psychology	3	
Free Elective	5		Pathways Advanced/Applied Discourse	3	
TOTAL	16		TOTAL	16	
Fall Semester Sophomore 2018		Credits	Spring Semester Sophomore 2019		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	
CHEM 1035 : General Chemistry	3		CHEM 1036 : General Chemistry	3	
CHEM 1045 : General Chemistry Lab	1		CHEM 1046 : General Chemistry Lab	1	
STAT 3615 (Pathways Quantitative and Computational Thinking- Advanced) Biological Statistics	3		STAT 3616 : Biological Statistics	3	
Pathways Reasoning in the Social Sciences	3		Pathways Reasoning in the Social Sciences	3	
			Free Elective	3	
TOTAL	14		TOTAL	17	
Fall Semester Junior 2019		Credits	Spring Semester Junior 2020		Credits
NEUR 3044 : Cellular and Molecular Neuroscience	3		NEUR 4034 : Diseases of the Nervous System	3	
CHEM 2535 : Organic Chemistry	3		CHEM 2536 : Organic Chemistry	3	
CHEM 2545 : Organic Chemistry Lab	1		CHEM 2546 : Organic Chemistry Lab	1	
RESTRICTED ELECTIVE (Choose one: NEUR 3774, 3914, or 4514)	3		RESTRICTED ELECTIVE (Choose another: NEUR 3774, 3914, or 4514)	3	
Pathways Critical Thinking in the Humanities	3		Pathways Critical Thinking in the Humanities	3	
Free Elective	3		Free Elective	1	
TOTAL	16		TOTAL	14	
Fall Semester Senior 2020		Credits	Spring Semester Senior 2021		Credits
RESTRICTED ELECTIVE (Recommended: BCHM 3114)	3		NEUR 4044 : Neuroscience Senior Seminar	3	
Pathways Critique and Practice in Design and Arts-Design	3		Pathways Critical Analysis of Identity and Equity in the US	3	
PHYS 2205 : General Physics	3		PHYS 2206 : General Physics	3	
PHYS 2215 : General Physics Lab	1		PHYS 2216 : General Physics Lab	1	
Pathways Critique and Practice in Design and Arts-Arts	4		RESTRICTED ELECTIVE (NEUR prefix) (Recommended: NEUR 4594)	3	
TOTAL	14		TOTAL	13	

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