

College of Science
Bachelor of Science in Neuroscience
For Students Graduating in 2021
Major in Computational and Systems Neuroscience-Option B-CLE

Fall Semester Freshman 2017		Credits	Spring Semester Freshman 2018		Credits
CLE Area 4: BIOL 1105 Principles of Biology		3	CLE Area 4: BIOL 1106 Principles of Biology		3
BIOL 1115 Principles of Biology Lab		1	BIOL 1116 Principles of Biology Lab		1
CLE Area 5: MATH 1225 Calculus of Single Variable		4	CLE Area 5: MATH 1226 Calculus of Single Variable		4
NEUR 1004 Neuroscience Orientation Seminar		1	CLE Area 1: ENGL 1106 First Year Writing		3
CLE Area 1: ENGL 1105 First Year Writing		3	CS 1114 Introduction to Software Design		3
PSYC 1004 Introductory Psychology		3	Free Elective		1
TOTAL		15	TOTAL		15
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
STAT 3005 Statistical Methods		3	STAT 3006 Statistical Methods		3
CHEM 1035 General Chemistry		3	CHEM 1036 General Chemistry		3
CLE Area 2		3	CLE Area 2		3
Free Elective		3	Free Elective		3
TOTAL		16	TOTAL		16
Fall Semester Junior 2019		Credits	Spring Semester Junior 2020		Credits
PHYS 2305 Foundations of Physics I		4	PHYS 2306 Foundations of Physics I		4
NEUR 3084 Cognitive Neuroscience		3	RESTRICTED ELECTIVE (NEUR prefix) (Choose one: NEUR 3144, 4544, 3914)		3
NEUR 3844 Computational Neuroscience and Neural Engineering		3	NEUR 3234 The Artificial Brain		3
CLE Area 3		3	CLE Area 3		3
Free Elective		3	Free Elective		3
TOTAL		16	TOTAL		16
Fall Semester Senior 2020		Credits	Spring Semester Senior 2021		Credits
RESTRICTED ELECTIVE (Choose another: NEUR 3144, 4544, 3914)		3	RESTRICTED ELECTIVE		3
CLE Area 6		3	NEUR 4044 Neuroscience Senior Seminar		3
RESTRICTED ELECTIVE		3	CLE Area 7		3
Free Elective		3	Free Elective		3
Free Elective		3			
TOTAL		15	TOTAL		12

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