

Recommended Plan of Study for Clinical Neuroscience Major

This plan of study is designed for a student who has taken chemistry in high school and is comfortable starting Chemistry in Freshman year.

Freshman

Fall Semester

Spring Semester

CLE area 1: ENGL 1105 First Year Writing (3)	CLE area 1: ENGL 1106 First Year Writing (3)
CLE area 5: MATH 1025 Elementary Calculus (3)	CLE area 5: MATH 1026 Elementary Calculus (3)
CLE area 4: BIOL 1105 Principles of Biology (3)	CLE area 4: BIOL 1106 Principles of Biology (3)
CLE area 4: BIOL 1115 Principles of Biology Lab (1)	CLE area 4: BIOL 1116 Principles of Biology Lab (1)
CHEM 1035 General Chemistry (3)	CHEM 1036 General Chemistry (3)
CHEM 1045 General Chemistry Lab (1)	CHEM 1046 General Chemistry Lab (1)
NEUR 1004 Neuroscience Orientation Seminar (1)	
15 credit hours	14 credit hours

Sophomore Year

Fall Semester

Spring Semester

CLE area 2 (3)	CLE area 2 (3)
NEUR 2025 Introduction to Neuroscience (3)	NEUR 2026 Introduction to Neuroscience (3)
NEUR 2035 Neuroscience Lab (1)	NEUR 2036 Neuroscience Lab (1)
CHEM 2535 Organic Chemistry (3)	CHEM 2536 Organic Chemistry (3)
CHEM 2545 Organic Chemistry Lab (1)	CHEM 2546 Organic Chemistry Lab (1)
PSYC 1004 Introductory Psychology (3)	Free elective (3)
14 credit hours	14 credit hours

Junior Year

Fall Semester

Spring Semester

CLE area 3 (3)	CLE area 3 (3)
PHYS 2205 General Physics (3)	PHYS 2206 General Physics (3)
PHYS 2215 General Physics Lab (1)	PHYS 2216 General Physics Lab (1)
*NEUR 3044 Cellular and Molecular Neuroscience (3)	NEUR 4034 Diseases of the Nervous System (3)
STAT 3615 Biological Statistics (3)	STAT 3616 Biological Statistics (3)
Restricted elective (Rec: BCHM 3114) (3)	Restricted elective (3)
16 credit hours	16 credit hours

Senior Year

Fall Semester

Spring Semester

CLE area 6 (3)	CLE area 7 (3)
Restricted elective (3)	NEUR 4044 Neuroscience Senior Seminar (3)
Free elective (3)	Free elective (3)
Free elective (3)	Free elective (3)
Free elective (3)	Free elective (4)
15 credit hours	16 credit hours

*Restricted elective

A total of 120 credit hours are required for graduation.

Recommended Plan of Study for Clinical Neuroscience Major

This plan of study is designed for a student who has not taken chemistry in high school and is not comfortable starting Chemistry in Freshman year.

Freshman

Fall Semester

Spring Semester

CLE area 1: ENGL 1105 First Year Writing (3)	CLE area 1: ENGL 1106 First Year Writing (3)
CLE area 5: MATH 1025 Elementary Calculus (3)	CLE area 5: MATH 1026 Elementary Calculus (3)
CLE area 4: BIOL 1105 Principles of Biology (3)	CLE area 4: BIOL 1106 Principles of Biology (3)
CLE area 4: BIOL 1115 Principles of Biology Lab (1)	CLE area 4: BIOL 1116 Principles of Biology Lab (1)
NEUR 1004 Neuroscience Orientation Seminar (1)	PSYC 1004 Introductory Psychology (3)
Free elective (3)	Free elective (3)
14 credit hours	16 credit hours

Sophomore Year

Fall Semester

Spring Semester

CLE area 2 (3)	CLE area 2 (3)
NEUR 2025 Introduction to Neuroscience (3)	NEUR 2026 Introduction to Neuroscience (3)
NEUR 2035 Neuroscience Lab (1)	NEUR 2036 Neuroscience Lab (1)
STAT 3615 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)
14 credit hours	14 credit hours

Junior Year

Fall Semester

Spring Semester

CLE area 3 (3)	CLE area 3 (3)
CHEM 2535 Organic Chemistry (3)	CHEM 2536 Organic Chemistry (3)
CHEM 2545 Organic Chemistry Lab (1)	CHEM 2546 Organic Chemistry Lab (1)
*NEUR 3044 Cellular and Molecular Neuroscience (3)	NEUR 4034 Diseases of the Nervous System (3)
Restricted elective (3)	Restricted elective (3)
Free elective (3)	Free elective (3)
16 credit hours	16 credit hours

Senior Year

Fall Semester

Spring Semester

CLE area 6 (3)	CLE area 7 (3)
Restricted elective (Rec: BCHM 3114) (3)	NEUR 4044 Neuroscience Senior Seminar (3)
PHYS 2205 General Physics (3)	PHYS 2206 General Physics (3)
PHYS 2215 General Physics Lab (1)	PHYS 2216 General Physics Lab (1)
Free elective (5)	Free elective (5)
15 credit hours	15 credit hours

*Restricted Elective

A total of 120 credit hours are required for graduation.