

## Major: Clinical Neuroscience

UG Catalog 2025-2026

### Pathways to General Education Requirements (45 credits)

Concept 1F	_____ (3)	_____ (3)
Concept 1A	_____ (3)	
Concept 2	_____ (3)	_____ (3)
Concept 3	PSYC 1004 (3)	_____ (3)
Concept 4	BIOL 1105 (3)	BIOL 1106 (3)
Concept 5F	MATH 1025 (3)	MATH 1026 (3)
Concept 5A	STAT 3615 (3)	
Concept 6A	_____ (3)	
Concept 6D	_____ (3)	
Concept 7	_____ (3)	

### Neuroscience Core Requirements (25 credits)

CHEM 1035	General Chemistry	_____ (3)
CHEM 1036	General Chemistry	_____ (3)
NEUR 1004	Neuroscience Orientation Seminar	_____ (1)
NEUR 2025	Introduction to Neuroscience	_____ (3)
NEUR 2026	Introduction to Neuroscience	_____ (3)
NEUR 2035	Neuroscience Laboratory	_____ (1)
NEUR 2036	Neuroscience Laboratory	_____ (1)
NEUR 3044	Cell and Molecular Neuroscience	_____ (4)
NEUR 3084	Cognitive Neuroscience	_____ (3)
NEUR 4044	Neuroscience Senior Seminar	_____ (3)

### Clinical Neuroscience Major Requirements (39 credits)

BIOL 1115	Principles of Biology Lab	_____ (1)
BIOL 1116	Principles of Biology Lab	_____ (1)
CHEM 1045	General Chemistry Lab	_____ (1)
CHEM 1046	General Chemistry Lab	_____ (1)
CHEM 2535	Organic Chemistry	_____ (3)
CHEM 2536	Organic Chemistry	_____ (3)
CHEM 2545	Organic Chemistry Lab	_____ (1)
CHEM 2546	Organic Chemistry Lab	_____ (1)
NEUR 3594	Neurobiology of Psychiatric Disorders	_____ (3)
NEUR 3604	Neurobiochemistry	_____ (3)
NEUR 3704	Human Anatomy & Physio w/ Neuro Focus	_____ (4)
NEUR 3914	Neuroscience of Drug Addiction	_____ (3)
NEUR 4034	Diseases of the Nervous System	_____ (3)
PHYS 2205	General Physics	_____ (3)
PHYS 2206	General Physics	_____ (3)
PHYS 2215	General Physics Lab	_____ (1)
PHYS 2216	General Physics Lab	_____ (1)
STAT 3616	Biological Statistics	_____ (3)

**Restricted Electives (3 credits)**

CHEM 4615	Physical Chemistry	_____	(3)
CHEM 4616	Physical Chemistry	_____	(3)
NEUR 3054	Brain-Body Interactions in Health and Disease	_____	(3)
NEUR 3774	Neuroendocrinology	_____	(3)
NEUR 3944	War and the Brain	_____	(3)
NEUR 4054	Developmental Neuroscience	_____	(3)
NEUR 4064	Neuropharmacology	_____	(3)
NEUR 4314	Genetics in Neuroscience	_____	(3)
NEUR 4514	Neuroimmunology in Health and Disease	_____	(3)
NEUR 4594	Clinical Neuroscience in Practice	_____	(3)
NEUR 4814	Nutritional Neuroscience	_____	(3)
NEUR 4914	Drug Development in Neuroscience	_____	(3)
NEUR 4994	Undergraduate Research	_____	(3)
PHYS 4714	Introduction to Biophysics	_____	(3)

**Free Electives (8 credits)** Complete remaining credit hours to satisfy 120 credit hour degree requirement.

XXXX XXXX	_____	_____	(X)
XXXX XXXX	_____	_____	(X)
XXXX XXXX	_____	_____	(X)

**Acceptable Substitutions**

<b>Required Course(s)</b>	<b>Acceptable Substitution(s)</b>
CHEM 1035-1036 series	CHEM 1055-1056 series General Chemistry for Majors
CHEM 1045-1046 series	CHEM 1065-1066 series General Chemistry Lab for Majors
CHEM 2535-2536 series	CHEM 2565-2566 series Principles of Organic Chemistry
CHEM 2545-2546 series	CHEM 2555-2556 series Org Syn Tech Lab
MATH 1025-1026 series	MATH 1225-1226 series Calculus of a Single Variable
MATH 1025-1026 series	MATH 1225-MATH 1026 series
NEUR 1004	Any University-approved First Year Experience Course
NEUR 3604	BCHM 2024 Concepts of Biochemistry <i>or</i> BCHM 3114 Biochemistry for Biotechnology
NEUR 3704	BMSP 2135 + 2136 + 2145 + 2146 Human Anatomy & Physiology with labs (8)
PHYS 2205, 2215	PHYS 2305 Foundations of Physics
PHYS 2206, 2216	PHYS 2306 Foundations of Physics
STAT 3615-3616 series	STAT 3005-3006 series