

LA SIERRA UNIVERSITY

NEUROSCIENCE BS PATHWAY

Total Units Required: 190 units

Required Course Listings

This breakdown shows a Neuroscience Pathway to be completed in 4 years at La Sierra University. All courses with a star (★) indicate a prerequisite or multiple prerequisites for the class. By following the suggested/required sequencing all necessary prerequisite courses will be fulfilled. Please consult the Bulletin, Records, or your Guided Pathways Advisor for more information about prerequisites.

Major Requirements (99 units)			General Education Requirements (91 units)		
Course	Course Title	Units	Course	Course Title	Units
BIOL 111	General Biology I★	4	UNST 101	First Year Seminar	3
BIOL 111L	General Biology I Lab★	1	ENGL 111	College Writing I	3
BIOL 112	General Biology II★	4	ENGL 112	College Writing II★	3
BIOL 112L	General Biology II Lab★	1	ENGL 113	College Writing III★	3
BIOL 301	Cell & Molecular Biology★	4	MATH 121	College Algebra	4
BIOL 301L	Cell & Molecular Biology Projects Lab★	1	WDLG 151	World Language I	4
NEUR 261	Behavioral Neuroscience★	4	WDLG 152	World Language II★	4
NEUR 261L	Behavioral Neuroscience Lab★	1	WDLG 153	World Language III★	4
NEUR 275	Research Techniques in Neuroscience★	4	HLSC 120	Lifetime Fitness	2
NEUR 322L	Methods & Statistics II: Lab for Neuroscience★	1	SSCI 20X-SL	SSCI Theme Course (with Service Learning)	4
NEUR 323L	Methods & Statistics III: Lab for Neuroscience★	1	HUMN 10X	HUMN Theme Course	4
PSYC 104	General Psychology	4	THM2 3/400	Theme II Elective Upper Division★	4
PSYC 104L	General Psychology Lab	1	THM2 X00	Theme II Elective	4
PSYC 189	Scientific Writing for Psychology & Neuroscience★	2	RLGN 304	Adventism in Global Perspective★	4
PSYC 319	Junior Seminar: Professional Development★	1	RELB X00	Theme IIIBiii - Scripture Elective	4
PSYC 321	Methods & Statistics I: Description & Correlation★	4	THM3 X00	Theme III Elective	8
PSYC 321L	Methods & Statistics I: Description & Correlation Lab★	0	NSCI 40X-SL	NSCI Theme Course (with Service Learning)★	4
PSYC 322	Methods & Statistics II: Experiment & Inference★	4	BIOL 113	General Biology III★	4
PSYC 323	Methods & Statistics III: Conducting Research★	4	BIOL 113L	General Biology III Lab★	1
NEUR 3/400	Neuroscience Upper Division Elective★	12	UNST 404M-SL	Senior Seminar: Religion, Values & Social Responsibility in Psychology with Service Learning★	4
NEUR 3/400-SP	Neuroscience Specialty Area Elective (with Lab)★	8	BIOL 111A	General Biology Seminar	0
NEUR B00	Neuroscience Breadth Elective	8	elct 3/400	Upper Division Elective	4
CHEM 111	General Chemistry I	4	elct X00	Elective	12
CHEM 111L	General Chemistry I Lab	1		UNST 404B can be taken instead of UNST 404M	
CHEM 112	General Chemistry II★	4			
CHEM 112L	General Chemistry II Lab★	1			
CHEM 113	General Chemistry III★	4			
CHEM 113L	General Chemistry III Lab★	1			
CHEM 281	Organic Chemistry I★	4			
CHEM 281L	Organic Chemistry I Lab★	1			
CHEM 282	Organic Chemistry II★	4			
CHEM 282L	Organic Chemistry II Lab★	1			

Sequencing

Neuroscience BS Pathway in 4 years at La Sierra University.

Year 1			Year 1			Year 1		
Fall Quarter (14 units)			Winter Quarter (15 units)			Spring Quarter (15 units)		
Course	Course Title	Units	Course	Course Title	Units	Course	Course Title	Units
BIOL 111	General Biology I*	4	BIOL 112	General Biology II*	4	PSYC 189	Scientific Writing for Psychology & Neuroscience*	2
BIOL 111L	General Biology I Lab*	1	BIOL 112L	General Biology II Lab*	1	BIOL 113	General Biology III*	4
PSYC 104	General Psychology	4	MATH 121	College Algebra	4	BIOL 113L	General Biology III Lab*	1
PSYC 104L	General Psychology Lab	1	ENGL 112	College Writing II*	3	ENGL 113	College Writing III*	3
BIOL 111A	General Biology Seminar	0	HLSC 120	Lifetime Fitness	2	UNST 101	First Year Seminar	1
ENGL 111	College Writing I	3	UNST 101	First Year Seminar	1	HUMN 10X	HUMN Theme Course	4
UNST 101	First Year Seminar	1						
Year 2			Year 2			Year 2		
Fall Quarter (17 units)			Winter Quarter (17 units)			Spring Quarter (17 units)		
Course	Course Title	Units	Course	Course Title	Units	Course	Course Title	Units
BIOL 301	Cell & Molecular Biology*	4	NEUR 261	Behavioral Neuroscience*	4	NEUR 275	Research Techniques in Neuroscience*	4
BIOL 301L	Cell & Molecular Biology Projects Lab*	1	NEUR 261L	Behavioral Neuroscience Lab*	1	CHEM 113	General Chemistry III*	4
CHEM 111	General Chemistry I	4	CHEM 112	General Chemistry II*	4	CHEM 113L	General Chemistry III Lab*	1
CHEM 111L	General Chemistry I Lab	1	CHEM 112L	General Chemistry II Lab*	1	THM2 3/400	Theme II Elective Upper Division*	4
THM2 X00	Theme II Elective	4	SSCI 20X-SL	SSCI Theme Course (with Service Learning)	4	elct X00	Elective	4
elct X00	Elective	3	elct X00	Elective	3			
Year 3			Year 3			Year 3		
Fall Quarter (16 units)			Winter Quarter (15 units)			Spring Quarter (16 units)		
Course	Course Title	Units	Course	Course Title	Units	Course	Course Title	Units
PSYC 321	Methods & Statistics I: Description & Correlation*	4	NEUR 322L	Methods & Statistics II: Lab for Neuroscience*	1	NEUR 323L	Methods & Statistics III: Lab for Neuroscience*	1
PSYC 321L	Methods & Statistics I: Description & Correlation Lab*	0	PSYC 319	Junior Seminar: Professional Development*	1	PSYC 323	Methods & Statistics III: Conducting Research*	4
NEUR 3/400-SP	Neuroscience Specialty Area Elective (with Lab)*	4	PSYC 322	Methods & Statistics II: Experiment & Inference*	4	CHEM 282	Organic Chemistry II*	4
RLGN 304	Adventism in Global Perspective*	4	NEUR B00	Neuroscience Breadth Elective	4	CHEM 282L	Organic Chemistry II Lab*	1
THM3 X00	Theme III Elective	4	CHEM 281	Organic Chemistry I*	4	elct 3/400	Upper Division Elective	4
Year 4			Year 4			Year 4		
Fall Quarter (16 units)			Winter Quarter (16 units)			Spring Quarter (16 units)		
Course	Course Title	Units	Course	Course Title	Units	Course	Course Title	Units
NEUR 3/400	Neuroscience Upper Division Elective*	4	NEUR 3/400	Neuroscience Upper Division Elective*	4	NEUR 3/400	Neuroscience Upper Division Elective*	4
NEUR B00	Neuroscience Breadth Elective	4	WDLG 152	World Language II*	4	NEUR 3/400-SP	Neuroscience Specialty Area Elective (with Lab)*	4
WDLG 151	World Language I	4	RELB X00	Theme IIIBiii - Scripture Elective	4	WDLG 153	World Language III*	4
NSCI 40X-SL	NSCI Theme Course (with Service Learning)*	4	THM3 X00	Theme III Elective	4	UNST 404M-SL	Senior Seminar: Religion, Values & Social Responsibility in Psychology with Service Learning*	4