

COGNITIVE & BEHAVIORAL NEUROSCIENCE BA PATHWAY

Total Units Required: 190 units

Required Course Listings

This breakdown shows a Cognitive & Behavioral 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 (68 units)		
Course	Course Title	Units
NEUR 106	Integrative Foundations of Neuroscience	4
NEUR 106L	Integrative Foundations of Neuroscience Lab	1
NEUR 261	Behavioral Neuroscience★	4
NEUR 261L	Behavioral Neuroscience Lab★	1
NEUR 275	Research Techniques in Neuroscience★	4
NEUR 322L	Methods & Statistics II: Lab for Neuroscience★	1
NEUR 323L	Methods & Statistics III: Lab for Neuroscience★	1
PSYC 104	General Psychology	4
PSYC 104L	General Psychology Lab	1
PSYC 189	Scientific Writing for Psychology & Neuroscience★	2
PSYC 319	Junior Seminar: Professional Development★	1
PSYC 321	Methods & Statistics I: Description & Correlation★	4
PSYC 321L	Methods & Statistics I: Description & Correlation Lab★	0
PSYC 322	Methods & Statistics II: Experiment & Inference★	4
PSYC 323	Methods & Statistics III: Conducting Research★	4
PSYC 374	Cognitive Psychology★	4
PSYC 374L	Cognitive Psychology Lab★	0
PSYC 435	Learning & Behavior★	4
PSYC 435L	Learning & Behavior Lab★	0
NEUR 3/400-BA	Neuroscience BA Upper Division Elective★	4
NEUR 3/400-e	Neuroscience Emphasis Upper Division Elective★	12
NEUR X00-BA	Neuroscience BA Elective	4
NEUR X00-e	Neuroscience Emphasis Elective	4

General Education Requirements (122 units)		
Course	Course Title	Units
UNST 101	First Year Seminar	3
ENGL 111	College Writing I	3
ENGL 112	College Writing II★	3
ENGL 113	College Writing III★	3
FND3 X00	Foundational Mathematics	4
WDLG 151	World Language I	4
WDLG 152	World Language II★	4
WDLG 153	World Language III★	4
HLSC 120	Lifetime Fitness	2
SSCI 20X-SL	SSCI Theme Course (with Service Learning)	4
HUMN 10X	HUMN Theme Course	4
THM2 3/400	Theme II Elective Upper Division★	4
THM2 X00	Theme II Elective	4
RLGN 304	Adventism in Global Perspective★	4
RELB X00	Theme IIIBiii - Scripture Elective	4
THM3 X00	Theme III Elective	8
NSCI 40X-SL	NSCI Theme Course (with Service Learning)★	4
THM4 B00	Theme IV - Life Science Elective	4
THM4 C00-L	Theme IV - Physical Science Elective with Lab	4
UNST 404M-SL	Senior Seminar: Religion, Values & Social Responsibility in Psychology with Service Learning★	4
elct 3/400	Upper Division Elective	5
elct X00	Elective	39
	UNST 404B can be taken instead of UNST 404M	

Sequencing

Cognitive & Behavioral Neuroscience BA Pathway in 4 years at La Sierra University.

Year 1			Year 1			Year 1		
Fall Quarter (15 units)			Winter Quarter (17 units)			Spring Quarter (18 units)		
Course	Course Title	Units	Course	Course Title	Units	Course	Course Title	Units
NEUR 106	Integrative Foundations of Neuroscience	4	PSYC 104	General Psychology	4	PSYC 189	Scientific Writing for Psychology & Neuroscience*	2
NEUR 106L	Integrative Foundations of Neuroscience Lab	1	PSYC 104L	General Psychology Lab	1	ENGL 113	College Writing III*	3
ENGL 111	College Writing I	3	ENGL 112	College Writing II*	3	FND3 X00	Foundational Mathematics	4
HLSC 120	Lifetime Fitness	2	UNST 101	First Year Seminar	1	UNST 101	First Year Seminar	1
UNST 101	First Year Seminar	1	WDLG 152	World Language II*	4	WDLG 153	World Language III*	4
WDLG 151	World Language I	4	elct X00	Elective	4	HUMN 10X	HUMN Theme Course	4
Year 2			Year 2			Year 2		
Fall Quarter (16 units)			Winter Quarter (17 units)			Spring Quarter (16 units)		
Course	Course Title	Units	Course	Course Title	Units	Course	Course Title	Units
THM3 X00	Theme III Elective	4	NEUR 261	Behavioral Neuroscience*	4	NEUR 275	Research Techniques in Neuroscience*	4
THM4 C00-L	Theme IV - Physical Science Elective with Lab	4	NEUR 261L	Behavioral Neuroscience Lab*	1	SSCI 20X-SL	SSCI Theme Course (with Service Learning)	4
elct X00	Elective	8	THM4 B00	Theme IV - Life Science Elective	4	THM2 X00	Theme II Elective	4
			elct X00	Elective	8	THM3 X00	Theme III Elective	4
Year 3			Year 3			Year 3		
Fall Quarter (16 units)			Winter Quarter (14 units)			Spring Quarter (12 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
PSYC 374	Cognitive Psychology*	4	PSYC 322	Methods & Statistics II: Experiment & Inference*	4	elct X00	Elective	7
PSYC 374L	Cognitive Psychology Lab*	0	NEUR 3/400-e	Neuroscience Emphasis Upper Division Elective*	4			
NEUR X00-e	Neuroscience Emphasis Elective	4	elct X00	Elective	4			
RLGN 304	Adventism in Global Perspective*	4						
Year 4			Year 4			Year 4		
Fall Quarter (16 units)			Winter Quarter (16 units)			Spring Quarter (17 units)		
Course	Course Title	Units	Course	Course Title	Units	Course	Course Title	Units
NEUR X00-BA	Neuroscience BA Elective	4	NEUR 3/400-BA	Neuroscience BA Upper Division Elective*	4	PSYC 435	Learning & Behavior*	4
NSCI 40X-SL	NSCI Theme Course (with Service Learning)*	4	NEUR 3/400-e	Neuroscience Emphasis Upper Division Elective*	4	PSYC 435L	Learning & Behavior Lab*	0
elct X00	Elective	8	RELB X00	Theme IIIBiii - Scripture Elective	4	NEUR 3/400-e	Neuroscience Emphasis Upper Division Elective*	4
			THM2 3/400	Theme II Elective Upper Division*	4	UNST 404M-SL	Senior Seminar: Religion, Values & Social Responsibility in Psychology with Service Learning*	4
						elct 3/400	Upper Division Elective	5