

Degree Program Course List (DPCL) of major requirements for Honors students entering Loyola in 2022-2023: NOT AN OFFICIAL RECORD - FOR ADVISING USE ONLY

NAME:		B.S. NEUROSCIENCE - NEUY/NEUR.BS.PHYS.H (Physics)(CIP 26.1501)		DATE:
HONORS CURRICULUM - 42 Credits		MAJOR.....45 Crs	ADJUNCT.....18 Crs	Adjunct Options
Foundation Requirements	Crs/Grd	Intro Psychology		Biology of Organisms with lab
First-Year Seminar H121	3	A100	3	BIOL A108 & 109
Ignatian Colloquium H193 or H194	1	Fundamentals of Neuroscience		General Chemistry II with lab
Social Justice Seminar H396	3	NEUR A100	3	CHEM A106 & 108
Honors Ethics H215 ¹ (check off once completed)	<input type="checkbox"/>	Abnormal or Developmental Psychology PSYCA230 or PSYCA235		Object Oriented Programming COSC A217
				Behavioral Neuro with lab
Disciplinary Requirements				PSYC A315 & 316
Creative Arts & Culture (H-level or approved performance course(s))	3	Intro Research PSYC A301*	3	Cognitive Neuro with lab
				PSYC A422 & 423
History I H-level	3	Statistics & Methods	3	Sensation & Perception with lab
Literature I H-level	3	PSYC A303**	3	PSYC A416 & 417
History II (H-level, HIST-A/Q/P200+ course, or AP credit)	3	Cells & Heredity		
Literature II (H-level, ENGL-N200+ course, or AP credit)	3	BIOL A106 (Lec)	3	Extra lab credits beyond Adjunct reqs will count in G.E. credits.
Mathematics H257 Calculus I	4	BIOL A107 (Lab)	1	
Chemistry A105/A107 Gen Chem I/Lab	3/1	Physics for Life Sciences	3	***Physics/Biophysics Electives
Philosophy I H-level	3	PHYS A101 (Lec)	4	Cellular Biophysics PHYSA436
Philosophy II (H-level or PHIL-U/W200+ course)	3	PHYS A103 (Lab)	1	Biomech. & Neural Control PHYSA365
		CAPSTONE		Intro to Neural Networks PHYSA437
Religious Studies I H-level	3	Research in Neuroscience: NEUR G493, G497, or G499	3	Thermal Physics PHYSA241
Religious Studies (H-level or a 200+ RELS course)	3			Capstone may be Ind. Study, Directed Readings, or Internship
		Physics Concentration.....18 crs		
		Intro to Electromagnetism & Relativity lec + lab		See your degree audit for your reqs, options, & progress. See Bulletin for course-descriptions. See LORA for course offerings.
Honors Thesis Sequence		PHYS A102/104	4+1	
NEUR G493, G497 or G499CHEM A498 "Research" (fulfilled in major)	<input type="checkbox"/>	Introduction to Waves & Quantum Physics PHYS A240	4	
LANGUAGE (Computer Science)		Choose 3 Physics/Biophysics Electives***		Honors Core.....42 crs
COSC A211	3			Language.....6 crs
COSC A212	3			Major.....45 crs
	6			Adjuncts.....18 crs
Use your Academic Progress Report to keep this document updated: Single-Sign-On > U-Achieve > Run Audit				General Elective.....12 crs
Loyola Core reqs are governed by the catalog year that a student is admitted. See Bulletin.				Total.....120 crs
Honors GPA: Must achieve 3.3 in Major, Minor (if declared), and Loyola Cumulative for graduation.		*A301 prereq: 9 crs. in PSYC courses & 1 college-level math		Courses used in the major cannot also be used to satisfy requirements for a minor: Non-major courses WILL be applied to minors as appropriate.
		**A303 prereq: A301 & 1 college-level math		