

Degree Program Course List (DPCL) of major requirements for Honors students entering Loyola in 2021-22: NOT AN OFFICIAL RECORD - FOR ADVISING USE ONLY

NAME:		B.S. NEUROSCIENCE - NEUY (Physics) (CIP 26.1501)		DATE:	
HONORS CURRICULUM - 42 Credits		MAJOR.....45 Crs	ADJUNCT.....18 Crs	Adjunct Options	
Foundation Requirements	Crs/Grd	Intro Psychology	MATH A258 _____ 4 _____	Biology of Organisms with lab	
First-Year Seminar H121	3 _____	A100 _____ 3 _____	Choose 4 from Adjunct List	BIOL A108 & 109	
Ignatian Colloquium H193 or H194	1 _____	Fundamentals of Neuroscience	_____ 3+1 _____	General Chemistry II with lab	
Social Justice Seminar H396	3 _____	NEUR A100 _____ 3 _____	_____ 3+1 _____	CHEM A106 & 108	
Honors Ethics H215 ¹ (check off once completed)	<input type="checkbox"/>	Abnormal or Developmental Psychology	_____ 3 _____	Object Oriented Programming	
		PSYCA230 or PSYCA235	_____ 3+1 _____	COSC A217	
Disciplinary Requirements		_____ 3 _____	_____ 3 _____	Behavioral Neuro with lab	
Creative Arts & Culture (H-level or approved performance course(s))	3 _____	Intro Research	_____ 3 _____	PSYC A315 & 316	
_____	3 _____	PSYC A301*	_____ 3 _____	Cognitive Neuro with lab	
History I H-level _____	3 _____	Statistics & Methods	_____ 3 _____	PSYC A422 & 423	
Literature I H-level _____	3 _____	PSYC A303**	_____ 3 _____	Sensation & Perception with lab	
History II (H-level, HIST-A/Q/P200+ course, or AP credit)	3 _____	Cells & Heredity		PSYC A416 & 417	
Literature II (H-level, ENGL-N200+ course, or AP credit)	3 _____	BIOL A106 (Lec) _____ 3 _____	GENERAL ELECTIVES.....9 Crs	Extra lab credits beyond Adjunct reqs will count in G.E. credits.	
Mathematics H257 Calculus I	4 _____	BIOL A107 (Lab) _____ 1 _____	_____ 3 _____	***Physics/Biophysics Electives	
Chemistry A105/A107 Gen Chem I/Lab	3/1 _____	Physics for Life Sciences	_____ 3 _____	Cellular Biophysics PHYSA436	
Philosophy I H-level _____	3 _____	PHYS A101 (Lec) _____ 4 _____	_____ 3 _____	Biomech. & Neural Control PHYSA365	
Philosophy II (H-level or PHIL-U/W200+ course)	3 _____	PHYS A103 (Lab) _____ 1 _____	_____ 3 _____	Intro to Neural Networks PHYSA437	
_____	3 _____	CAPSTONE	_____ 3 _____	Thermal Physics PHYSA241	
Religious Studies I H-level _____	3 _____	Research in Neuroscience: NEUR G493, G497, or G499 _____ 3 _____		Capstone may be Ind. Study, Directed Readings, or Internship	
Religious Studies (H-level or a 200+ RELS course)	3 _____			See your Academic Progress Report for your reqs, options, & progress. See Bulletin for course-descriptions. See LORA for course offerings.	
		Physics Concentration.....18 crs		Honors Core.....42 crs	
		Intro to Electromagnetism & Relativity lec + lab		Language.....6 crs	
Honors Thesis Sequence		PHYS A102/104 _____ 4+1 _____		Major.....45 crs	
NEUR G493, G497 or G499CHEM A498 "Research" (fulfilled in major)	<input type="checkbox"/>	Introduction to Waves & Quantum Physics		Adjuncts.....18 crs	
		PHYS A240 _____ 4 _____		General Elective.....12 crs	
LANGUAGE (Computer Science)		Choose 3 Physics/Biophysics Electives***		Total.....120 crs	
COSC A211 _____ 3 _____		_____ 3 _____		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.	
COSC A212 _____ 3 _____		_____ 3 _____			
6		_____ 3 _____			
Use your Academic Progress Report to keep this document updated: Single-Sign-On > U-Achieve > Run Audit		_____ 3 _____			
Loyola Core reqs are governed by the catalog year that a student is admitted. See Bulletin.		_____ 3 _____			
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			
		**A303 prereq: A301 & 1 college-level math			