

Degree Program Course List (DPCL) of major requirements for students entering Loyola in 2020-21: NOT AN OFFICIAL RECORD - FOR ADVISING USE ONLY

NAME:

B.S. NEUROSCIENCE - NEUY (Physics) (CIP 26.1501)

DATE:

<p>English Composition Placement: ACT ENGL score 21 or above SATR-EBRW score 500 or above Register for ENGL-T122 _____ ACT ENGL score 20 or below SATR-EBRW score 499 or below Register for ENGL-A100 _____</p>	<p>Mathematics Placement: See current Bulletin for Criteria, and see Academic Progress Report/U-Achieve for LUPL scores. _____ Register MathA257/Calculus I _____ Register MathA118/Pre-Calculus _____ Register MathA110 & A111</p>	<p>MAJOR.....45 Crs Intro Psychology A100 _____ 3 _____ Fundamentals of Neuroscience NEUR A### _____ 3 _____ Abnormal or Developmental Psychology PSYCA230 or PSYCA235 _____ 3 _____ Intro Research PSYC A301* _____ 3 _____ Statistics & Methods PSYC A303** _____ 3 _____ Cells & Heredity BIOL A106 (Lec) _____ 3 _____ BIOL A107 (Lab) _____ 1 _____ Physics for Life Sciences PHYS A101 (Lec) _____ 4 _____ PHYS A103 (Lab) _____ 1 _____</p>	<p>ADJUNCT.....18 Crs MATH A258 _____ 4 _____ Choose 4 from Adjunct List _____ 3+1 _____ _____ 3+1 _____ _____ 3 _____ _____ 3 _____ _____ 3 _____ _____ 3 _____ _____ 1 _____</p>	<p align="center">Adjunct Options</p> <p>Biology of Organisms with lab BIOL A108 & 109</p> <p>General Chemistry II with lab CHEM A106 & 108</p> <p>Object Oriented Programming COSC A217</p> <p>Behavioral Neuro with lab PSYC A315 & 316</p> <p>Cognitive Neuro with lab PSYC A422 & 423</p> <p>Sensation & Perception with lab PSYC A416 & 417</p>
<p align="center">LOYOLA CORE - 41 Credits</p>				
<p>FOUNDATION COURSES Crs/Grade</p> <p>BIOL T121, BioInquiry _____ 3 _____ ENGL T122: Critical Reading & Writing _____ 3 _____ MATH A257: Calculus I _____ 4 _____ SCIE I: Investigating Nature (satisfied in Major) _____ 0 _____</p> <p align="right">10</p>				
<p>KNOWLEDGE-VALUE COURSES</p> <p>Creative Arts and Cultures _____ 3 _____ Hist I _____ 3 _____ Hist II _____ 3 _____ Phil I: Reasoning _____ 3 _____ Phil II: Knowledge & Morality _____ 3 _____ Rels I: Christian Traditions _____ 3 _____ Rels II: World Religions _____ 3 _____ Scie II: Chem A105/107 _____ 3/1 _____ Social Science _____ 3 _____ Writing About Literature _____ 3 _____</p> <p align="right">31</p>				
<p>LANGUAGE (Computer Science)</p> <p>COSC A211 _____ 3 _____ COSC A212 _____ 3 _____</p> <p align="right">6</p>				
<p>Use your Academic Progress Report to keep this document updated: Single-Sign-On > U-Achieve > Run Audit</p>				
<p>Loyola Core reqs are governed by the catalog year that a student is admitted. See Bulletin.</p>				
<p>GPA: Must achieve 2.0 in Major, Minor (if declared), and Loyola Cumulative for graduation.</p>				
		<p>GENERAL ELECTIVES.....10 Crs</p> <p>_____ 3 _____ _____ 3 _____ _____ 3 _____ _____ 1 _____</p>		
		<p>Physics Concentration.....18 crs</p> <p>Intro to Electromagnetism & Relativity lec + lab PHYS A102/104 _____ 4+1 _____ Introduction to Waves & Quantum Physics PHYS A240 _____ 4 _____</p>		
		<p>Choose 3 Physics/Biophysics Electives*** _____ 3 _____ _____ 3 _____</p>		
		<p>*A301 prereq: 9 crs. in PSYC courses & 1 college-level math</p>		
		<p>**A303 prereq: A301 & 1 college-level math</p>		
			<p>Extra lab credits beyond Adjunct reqs will count in G.E. credits.</p>	
			<p>***Physics/Biophysics Electives</p> <p>Cellular Biophysics PHYSA436 Biomech. & Neural Control PHYSA365 Intro to Neural Networks PHYSA437 Thermal Physics PHYSA241</p>	
			<p>Capstone may be Ind. Study, Directed Readings, or Internship</p>	
			<p>See your Academic Progress Report for your reqs, options, & progress. See Bulletin for course-descriptions. See LORA for course offerings.</p>	
			<p>Loyola Core.....41 crs Language.....6 crs Major.....45 crs Adjuncts.....18 crs General Elective.....10 crs Total.....120 crs</p>	
			<p>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.</p>	