

Degree Program Course List (DPCL) of major requirements for students entering Loyola in 2022-2023

NAME:

B.S. PHYSICS - PHYS/PHYS.BS.H (CIP: 40.0801)

DATE:

HONORS CURRICULUM - 39 Credits		MAJOR.....42 Crs	ADJUNCT.....20 Crs	NOTES:	
Foundation Requirements	Crs/Grd	Intro to Physics and Engineering	Into Linear Algebra	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.	
First-Year Seminar H121	3 _____	A120 _____ 1 _____	Math-A200 _____ 3 _____		
Ignatian Colloquium H193 or H194	1 _____	Intro Mechanics	Calculus II		
Social Justice Seminar H396	3 _____	A101 _____ 4 _____	Math-A258 _____ 4 _____		
Honors Ethics H215 ¹ (check off once completed)	<input type="checkbox"/>	Mechanics Lab	Calculus III		
		A103 _____ 1 _____	Math-A259 _____ 3 _____		
Disciplinary Requirements		Intro EM & Relativity	General Chem II		Honors GPA: Must 3.3 in Loyola cumulative.
Creative Arts & Culture (H-level or approved performance course(s))		A102 _____ 4 _____	Chem-A106 (Lec) _____ 3 _____		
_____	3 _____	EM Lab	Chem-A108 (Lab) _____ 1 _____		
History I H-level _____	3 _____	A104 _____ 1 _____	Intro Differential Equations		
Literature I H-level _____	3 _____	Intro Waves and Quant.	Math-A310 _____ 3 _____		
History II or Literature II (H-level, HIST-A/Q/P200+ course, ENGL-N200+ course, or AP credit)		A240 _____ 4 _____	Adv. Math or Comp. Sci. course approved by advisor	Honors requirements are governed by the catalog year that a student is admitted. See Bulletin/Bulletin Archives.	
_____	3 _____	Intro Thermal Physics	_____ 3 _____		
Mathematics A257 or H257 Calculus I	4 _____	A241 _____ 3 _____			
Chemistry A105/A107 Gen Chem I/Lab	3/1 _____	Classical Mechanics			
Philosophy I H-level _____	3 _____	A340 _____ 4 _____			
Philosophy II (H-level or PHIL-U/W200+ course)		Electricity and Magnetism			
_____	3 _____	A350 _____ 4 _____			
Religious Studies I H-level _____	3 _____	Adv. Laboratory Physics			
Religious Studies (H-level or a 200+ RELS course)		A445 _____ 3 _____			
_____	3 _____	Quantum Mechanics			
		A450 _____ 4 _____		Use your degree audit to keep this document updated.	
Honors Thesis Sequence		Advanced Physics Elective*			
PHYS H498 (3crs. completed in major)	<input type="checkbox"/>	_____ 3 _____			
		Advanced Physics Elective*			
		_____ 3 _____			
		Advanced Physics Elective*			
		_____ 3 _____			
		*A300-400 level			
				Thesis work is a dedicated process that spans multiple semesters, and you may be asked to take additional scaffolding courses. Please consult an honors advisor about what steps are right for you.	
				Honors Core.....39 crs Major.....42 crs Adjunct.....20 crs General Elective.....19 crs Total.....120 crs	

¹May be satisfied with an ethics course in the major; if not, an honors ethics course must be used to satisfy at least one Honors Disciplinary Requirement