

Degree Program Course List (DPCL) of major requirements for students entering Loyola in 2016-17*

NAME:

B.S. PHYSICS - PHYS

DATE:

UHP CURRICULUM: PHYSICS - 39 Credits		MAJOR.....42 Crs	ADJUNCT.....20 Cr	NOTES:
Honors Core Curriculum	Crs/Grd	Intro to Physics and Engineering	Intro 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 GPA: Must achieve 3.3 in Major, Minor (if declared), and Loyola cumulative.
Honors Ethics H215 ¹ (check off once completed)	<input type="checkbox"/>	Mechanics Lab	Calculus III	
Subtotal	7	A103 _____ 1 _____	Math-A259 _____ 3 _____	
Foundation Courses		Intro EM & Relativity	General Chem II	Honors Curriculum requirements are governed by the catalog year that a student is admitted.
Mathematics A257 or H257 Calculus 1	4 _____	A102 _____ 4 _____	Chem-A106 (Lec) _____ 3 _____	
Chemistry A105/A107 Gen Chem I/Lab	3/1 _____	EM Lab	Chem-A108 (Lab) _____ 1 _____	
Subtotal	8	A104 _____ 1 _____	Intro Differential Equations	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 Disciplinary Requirements		Intro Waves and Quant.	Math-A310 _____ 3 _____	
History H-level _____	3 _____	A240 _____ 4 _____	Adv. Math Elective: (Choose one):	
Literature H-level _____	3 _____	Intro Thermal Physics	A350, Differential Equations	¹ May be satisfied with an ethics course in the major; if not, H215 must be used to satisfy at least one Honors Disciplinary Requirement.
Religious Studies H-level _____	3 _____	A241 _____ 3 _____	A410, Advanced Calculus I	
Philosophy H-level _____	3 _____	Classical Mechanics	A415, Complex Variables	
History (H-level, HIST-A/Q/P200+ course, or AP credit)	3 _____	A340 _____ 4 _____		GENERAL ELECTIVES.....19 Crs
_____	3 _____	Electricity and Magnetism		
Religious Studies (H-level or 200+ RELS course)	3 _____	A350 _____ 4 _____		
_____	3 _____	Adv. Laboratory Physics		3 _____ 3 _____ 3 _____
Philosophy (H-level or PHIL-U/W-200+ course)	3 _____	A445 _____ 3 _____		
_____	3 _____	Quantum Mechanics		
Creative Arts & Culture (H-level or approved performance course(s))	3 _____	A450 _____ 4 _____		3 _____ 3 _____ 3 _____
_____	3 _____	Advanced Physics Elective*		
Subtotal	24			
Honors Thesis Sequence		Advanced Physics Elective*		1 _____
Honors Thesis PHYS H498 (completed in the major)	<input type="checkbox"/>			
_____	_____	Advanced Physics Elective*		
_____	_____			3 _____
Subtotal	0-5			
		*A300-400 level		
				Honors Curriculum.....39 crs Major.....42 crs Adjunct.....20 crs General Elective.....19 crs Total.....120 crs