

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

NAME:

B.S. PHYSICS PRE-HEALTH - PHYP

DATE:

UHP CURRICULUM: PHYP - 39 Credits		MAJOR.....33 Crs	ADJUNCT.....33 Crs	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	Honors GPA: Must achieve 3.3 in Major, Minor (if declared), and Loyola cumulative.
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	Honors Curriculum requirements are governed by the catalog year that a student is admitted.
Subtotal	7	A103 _____ 1 _____	Math-A259 _____ 3 _____	
Foundation Courses		Intro EM & Relativity	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.
Mathematics A257 or H257 Calculus 1	4 _____	A102 _____ 4 _____	Math-A310 _____ 3 _____	
Chemistry A105/A107 Gen Chem I/Lab	3/1 _____	EM Lab	Cells & Heredity:	Honors Curriculum requirements are governed by the catalog year that a student is admitted.
Subtotal	8	A104 _____ 1 _____	Biol-A106 - Lec _____ 3 _____	
Honors Disciplinary Requirements		Intro Waves and Quant.	Biol-A107 - Lab _____ 1 _____	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.
History H-level _____	3 _____	A240 _____ 4 _____	Biol of Organisms:	
Literature H-level _____	3 _____	Intro Thermal Physics	Biol-A108 - Lec _____ 3 _____	Honors Curriculum requirements are governed by the catalog year that a student is admitted.
Religious Studies H-level _____	3 _____	A241 _____ 3 _____	Biol-A109 - Lab _____ 1 _____	
Philosophy H-level _____	3 _____	Classical Mechanics	General Chemistry II:	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.
History (H-level, HIST-A/Q/P200+ course, or AP credit)	3 _____	A340 _____ 4 _____	Chem-A106 - Lec _____ 3 _____	
Religious Studies (H-level or 200+ RELS course)	3 _____	Electricity and Magnetism	Chem-A108 - Lab _____ 1 _____	Honors Curriculum requirements are governed by the catalog year that a student is admitted.
Philosophy (H-level or PHIL-U/W200+ course)	3 _____	A350 _____ 4 _____	Organic Chem I	
Creative Arts & Culture (H-level or approved performance course(s))	3 _____	Adv. Laboratory Physics	Chem-A300 _____ 3 _____	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.
Subtotal	24	A445 _____ 3 _____	Organic Chem I - Lab	
Honors Thesis Sequence		Quantum Mechanics	Chem-A305 _____ 2 _____	Honors Curriculum.....39 crs
PHYS-H498 Honors Thesis (completed in the major)	<input type="checkbox"/>	A450 _____ 4 _____	Organic Chem II	
			Chem-A301 _____ 3 _____	Major.....33 crs
Subtotal	0-5		GENERAL ELECTIVE.....15 Crs	
			_____ 3 _____	Adjunct33 crs
			_____ 3 _____	
			_____ 3 _____	General Elective.....15 crs
			_____ 3 _____	
			_____ 3 _____	Total120 crs
			_____ 3 _____	

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