

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

NAME:

B.S. BIOPHYSICS PRE-HEALTH - BPPH/PHYS.BS.BPHY.H (CIP: DATE:

HONORS CURRICULUM - 39 Credits		MAJOR.....35 Crs	ADJUNCT.....35 Crs	NOTES:
Foundation Requirements	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 Ethics H215 ¹ (check off once completed)	<input type="checkbox"/>	Mechanics Lab	Calculus III	
		A103 _____ 1	Math-A259 _____ 3	
Disciplinary Requirements		Intro EM & Relativity	Intro Differential Equations	
Creative Arts & Culture (H-level or approved performance course(s))	3	A102 _____ 4	Math-A310 _____ 3	
_____	3	EM Lab	Cells & Heredity:	
History H-level _____	3	A104 _____ 1	Biol-A106 - Lec _____ 3	
Literature H-level _____	3	Intro Waves and Quant.	Biol-A107 - Lab _____ 1	
History or Literature (H-level, HIST-A/Q/P200+ course, ENGL-N200+ course or AP credit)	3	A240 _____ 4	Biol of Organisms:	
		Intro Thermal Physics	Biol-A108 - Lec _____ 3	
Mathematics A257 or H257 Calculus I	4	A241 _____ 3	Biol-A109 - Lab _____ 1	
Chemistry A105/A107 Gen Chem I/Lab	3/1	Classical Mechanics	General Chemistry II:	
Philosophy H-level _____	3	A340 _____ 4	Chem-A106 - Lec _____ 3	
Philosophy (H-level or PHIL-U/W200+ course)	3	Choose one:	Chem-A108 - Lab _____ 1	
		Electricity and Magnetism -A350 <i>or</i>	Organic Chem I	
		Quantum Mechanics - A450	Chem-A300 _____ 3	
Religious Studies H-level _____	3		Organic Chem I - Lab	
Religious Studies (H-level or a 200+ RELS course)	3	Adv. Laboratory Physics	Chem-A310 _____ 1	
		A445 _____ 3	Organic Chem II	
			Chem-A301 _____ 3	
Honors Thesis Sequence		* Choose two Biophysics Electives	Additional Advanced BIOL, CHEM, or PHYS elective approved by advisor	
PHYS H498 (3crs. completed in major)	<input type="checkbox"/>		**See sidebar for options ----->	
			_____ 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.			GENERAL ELECTIVE.....9 Crs	
		Honors Core.....39 crs	_____ 3	
		Major.....35 crs	_____ 3	
		Adjunct35 crs	_____ 3	
		General Elective.....9 crs	_____ 2	
		Total120 crs		
¹ May 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			** Choose From: BIOL A3xx - A4xx, CHEM A3xx - A4xx, COSC A2xx - A4xx, MATH A2xx - A4xx, or PHYS A3xx - A4xx (Any course chosen here must not already be on DPCL)	