

Degree Program Course List (DPCL) of major requirements for students entering Loyola in 2017-18*

NAME:

B.S. BIOPHYSICS PRE-HEALTH - BPPH (CIP: 40.0801)

DATE:

UHP CURRICULUM: BPPH - 39 Credits		MAJOR.....35 Crs	ADJUNCT.....35 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	
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 GPA: Must achieve 3.3 in Major, Minor (if declared), and Loyola cumulative.
Subtotal	7	A103_____1	Math-A259_____3	
Foundation Courses		Intro EM & Relativity	Intro Differential Equations	
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 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	
History H-level _____	3	A240_____4	Biol of Organisms:	
Literature H-level _____	3	Intro Thermal Physics	Biol-A108 - Lec_____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.
Religious Studies H-level _____	3	A241_____3	Biol-A109 - Lab_____1	
Philosophy H-level _____	3	Classical Mechanics	General Chemistry II:	
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	Choose one:	Chem-A108 - Lab_____1	
Philosophy (H-level or PHIL-U/W200+ course)	3	Electricity and Magnetism -A350 <i>or</i> Quantum Mechanics - A450	Organic Chem I	
Creative Arts & Culture (H-level or approved performance course(s))	3	_____4	Chem-A300_____3	
Subtotal	24	Adv. Laboratory Physics	Organic Chem I - Lab	
Honors Thesis Sequence		A445_____3	Chem-A305_____1	
PHYS-H498 Honors Thesis (completed in the major)	<input type="checkbox"/>	Choose two:	Organic Chem II	
_____	_____	Cellular Biophysics - A436	Chem-A301_____3	
_____	_____	Biomechanics and Neural Control - A365	Additional Advanced BIOL, CHEM, or PHYS elective approved by advisor	
Subtotal	0-5	Intro Neural Networks and Applications - A437	_____3	GENERAL ELECTIVE.....11 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		_____3	_____3	
		Honors Curriculum.....39 crs	_____3	
		Major.....35 crs	_____3	
		Adjunct35 crs	_____3	
		General Elective.....11 crs	_____2	
		Total120 crs		