

Degree Program Course List (DPCL) of major requirements for Honors students entering Loyola in 2020-21

NAME:	B.S. BIOPHYSICS PRE-HEALTH - BPPH (CIP: 40.0801)	DATE:	
<p align="center">HONORS CURRICULUM - 39 Credits</p> <p>Foundation Requirements Crs/Grd</p> <p>First-Year Seminar H121 3 _____</p> <p>Ignatian Colloquium H193 or H194 1 _____</p> <p>Social Justice Seminar H396 3 _____</p> <p>Honors Ethics H215* (check off once completed) <input type="checkbox"/></p> <p>Disciplinary Requirements</p> <p>Creative Arts & Culture (H-level or approved performance course(s)) 3 _____</p> <p>History H-level _____ 3 _____</p> <p>Literature H-level _____ 3 _____</p> <p>History or Literature (H-level, HIST-A/Q/P200+ course, ENGL-N200+ course, or AP credit) 3 _____</p> <p>Mathematics A257 or H257 Calculus I 4 _____</p> <p>Chemistry A105/A107 Gen Chem I/Lab 3/1 _____</p> <p>Philosophy H-level _____ 3 _____</p> <p>Philosophy (H-level or PHIL-U/W200+ course) 3 _____</p> <p>Religious Studies H-level _____ 3 _____</p> <p>Religious Studies (H-level or a 200+ RELS course) 3 _____</p> <p>Honors Thesis Sequence</p> <p>PHYS H498 (3crs. completed in major) <input type="checkbox"/></p> <p>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.</p> <p>*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</p>	<p>MAJOR.....35 Crs</p> <p>Intro to Physics and Engineering</p> <p>A120 _____ 1 _____</p> <p>Intro Mechanics</p> <p>A101 _____ 4 _____</p> <p>Mechanics Lab</p> <p>A103 _____ 1 _____</p> <p>Intro EM & Relativity</p> <p>A102 _____ 4 _____</p> <p>EM Lab</p> <p>A104 _____ 1 _____</p> <p>Intro Waves and Quant.</p> <p>A240 _____ 4 _____</p> <p>Intro Thermal Physics</p> <p>A241 _____ 3 _____</p> <p>Classical Mechanics</p> <p>A340 _____ 4 _____</p> <p>Choose one:</p> <p>Electricity and Magnetism -A350 <i>or</i></p> <p>Quantum Mechanics - A450</p> <p>_____ 4 _____</p> <p>Adv. Laboratory Physics</p> <p>A445 _____ 3 _____</p> <p>* Choose two Biophysics Electives</p> <p>_____ 3 _____</p> <p>_____ 3 _____</p> <p>Honors Core.....39 crs</p> <p>Major.....35 crs</p> <p>Adjunct35 crs</p> <p>General Elective.....9 crs</p> <p>Total120 crs</p>	<p>ADJUNCT.....35 Crs</p> <p>Intro Linear Algebra</p> <p>Math-A200 _____ 3 _____</p> <p>Calculus II</p> <p>Math-A258 _____ 4 _____</p> <p>Calculus III</p> <p>Math-A259 _____ 3 _____</p> <p>Intro Differential Equations</p> <p>Math-A310 _____ 3 _____</p> <p>Cells & Heredity:</p> <p>Biol-A106 - Lec _____ 3 _____</p> <p>Biol-A107 - Lab _____ 1 _____</p> <p>Biol of Organisms:</p> <p>Biol-A108 - Lec _____ 3 _____</p> <p>Biol-A109 - Lab _____ 1 _____</p> <p>General Chemistry II:</p> <p>Chem-A106 - Lec _____ 3 _____</p> <p>Chem-A108 - Lab _____ 1 _____</p> <p>Organic Chem I</p> <p>Chem-A300 _____ 3 _____</p> <p>Organic Chem I - Lab</p> <p>Chem-A310 _____ 1 _____</p> <p>Organic Chem II</p> <p>Chem-A301 _____ 3 _____</p> <p>Additional Advanced BIOL, CHEM, or PHYS elective approved by advisor</p> <p>**See sidebar for options -----></p> <p>_____ 3 _____</p> <p>GENERAL ELECTIVE.....9 Crs</p> <p>_____ 3 _____</p> <p>_____ 3 _____</p> <p>_____ 3 _____</p> <p>_____ 2 _____</p>	<p>NOTES:</p> <p>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.</p> <p>Honors GPA: Must achieve 3.3 Loyola cumulative.</p> <p>Honors requirements are governed by the catalog year that a student is admitted. See Bulletin/Bulletin Archives.</p> <p>Use your Academic Progress Report (LORA > Student Records Menu > Academic Progress Report) to keep this document updated.</p> <p>*Biophysics Electives: PHYS A365, A436, or A437</p> <p>** 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)</p>