

Degree Program Course List (DPCL) of major requirements for students entering Loyola in 2022-23

NAME:

B.S. PHYSICS LIBERAL ARTS - PHYL/PHYS.BS.ARTS (CIP: 40.0801)

DATE:

<p>English Composition Placement is: Take ENGL T122, then choose a Writing About Literature (any N-coded course). AP, IB, CLEP, transfers, & dual-enrollment can fulfill each requirement. Students with WAL credit must still satisfy ENGL T122.</p>	<p>Mathematics Placement: See bulletin for criteria and see your Degree Audit Report for LUPL scores: ___ Register for Math A257 ___ Register for Math A118 ___ Register for Math A110</p>	<p>MAJOR.....36 Crs Intro to Physics and Engineering A120 _____ 1 _____ Intro Mechanics A101 _____ 4 _____ Intro Mechanics Lab A103 _____ 1 _____ Intro EM & Relativity A102 _____ 4 _____ Intro EM Lab A104 _____ 1 _____ Intro Waves and Quant. A240 _____ 4 _____ Intro Thermal Physics A241 _____ 3 _____ Classical Mechanics A340 _____ 4 _____ Electricity and Magnetism A350 _____ 4 _____ Adv. Laboratory Physics A445 _____ 3 _____ Quantum Mechanics A450 _____ 4 _____ Advanced Physics Elective A300-400 level _____ 3 _____</p>	<p>ADJUNCT.....17 Crs Into Linear Algebra: Math-A200 _____ 3 _____ Calculus II: Math-A258 _____ 4 _____ Calculus III: Math-A259 _____ 3 _____ Choose : Chem-A106/108 or Biol-A106/107 _____ 3 _____ _____ 1 _____ Intro Differential Equations: Math-A310 _____ 3 _____</p>	<p>NOTES:</p>
<p align="center">LOYOLA CORE - 41 Credits</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>FOUNDATION COURSES</p>				<p>GPA: Must achieve 2.0 in Major, Minor (if declared), and Loyola cumulative.</p>
<p>First-Year Seminar T121 _____ 3 _____</p>		<p>Intro Waves and Quant. A240 _____ 4 _____</p>	<p>Intro Differential Equations: Math-A310 _____ 3 _____</p>	<p>Loyola Core requirements are governed by the catalog year that a student is admitted.</p>
<p>Engl T122: Critical Reading and Writing _____ 3 _____</p>		<p>Intro Thermal Physics A241 _____ 3 _____</p>	<p>GENERAL ELECTIVES....26 Crs</p>	<p>Use your Degree Audit Report to keep this document updated.</p>
<p>Math A257: Calculus I _____ 4 _____</p>		<p>Classical Mechanics A340 _____ 4 _____</p>	<p>_____ 3 _____</p>	<p>_____ 3 _____</p>
<p>Sci I: Chem-A105/A107, General Chemistry I/Lab 3+1 _____ 4 _____</p>	<p align="center">14</p>	<p>Electricity and Magnetism A350 _____ 4 _____</p>	<p>_____ 3 _____</p>	<p>_____ 3 _____</p>
<p>KNOWLEDGE/VALUES COURSES</p>		<p>Adv. Laboratory Physics A445 _____ 3 _____</p>	<p>_____ 3 _____</p>	<p>_____ 3 _____</p>
<p>Creative Arts and Cultures _____ 3 _____</p>		<p>Quantum Mechanics A450 _____ 4 _____</p>	<p>_____ 3 _____</p>	<p>_____ 2 _____</p>
<p>Hist I: (any T# course) _____ 3 _____</p>		<p>Advanced Physics Elective A300-400 level _____ 3 _____</p>	<p>_____ 3 _____</p>	<p>_____ 3 _____</p>
<p>Hist II: (any Q# course) _____ 3 _____</p>			<p>_____ 3 _____</p>	<p>_____ 3 _____</p>
<p>Phil I: Reasoning _____ 3 _____</p>			<p>_____ 3 _____</p>	
<p>Phil II: Knowledge and Morality _____ 3 _____</p>			<p>_____ 3 _____</p>	
<p>Rels I: Christian Tradition (any S# course) _____ 3 _____</p>			<p>_____ 3 _____</p>	
<p>Rels II: World Religions (any V# course) _____ 3 _____</p>			<p>_____ 2 _____</p>	
<p>Social Science _____ 3 _____</p>			<p>_____ 3 _____</p>	
<p>Sci II: Chem-A106/108 or Biol-A106/107 (fulfilled in adjunct) _____ 0 _____</p>			<p>_____ 3 _____</p>	
<p>Writing About Literature _____ 3 _____</p>			<p>_____ 3 _____</p>	
<p align="center">27</p>				
<p>LOYOLA CORE - 41 Credits</p>		<p>Loyola Core.....41 crs Major.....36 crs Adjunct17 crs General Elective.....26 crs Total120 crs</p>		