

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

NAME:

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

DATE:

<p>English Composition Placement is: ACT ENGL score 21 or above SAT Verbal score 500 or above Register for ENGL-T122 _____ ACT ENGL score 20 or below SAT Verbal score 499 or below Register for ENGL-A100 _____</p>	<p>Math Placement is: ACT – 25 or above, SAT – 620 or above, or AP Calculus exam - 3 Register for Math A257 _____ ACT 19-24, SAT 500-610, SAT 500-610 or AP Statistics exam – 4 or above Register for Math A118 _____ Otherwise *Register for Math A110 & A111 _____</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: 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 align="center">LOYOLA CORE - 41 Credits</p>				<p>GPA: Must achieve 2.0 in Major, Minor (if declared), and Loyola cumulative.</p>
<p>FOUNDATION COURSES First-Year Seminar T121 _____ 3 _____ Engl T122: Critical Reading and Writing _____ 3 _____ Math A257: Calculus I _____ 4 _____ Sci I: Chem-A105/A107, General Chemistry I/Lab _____ 3+1 4 _____ <p align="right">14</p> </p>				<p>Loyola Core requirements are governed by the catalog year that a student is admitted.</p>
<p>KNOWLEDGE/VALUES COURSES Creative Arts and Cultures _____ 3 _____ Hist I: (any T# course) _____ 3 _____ Hist II: (any Q# course) _____ 3 _____ Phil I: Reasoning _____ 3 _____ Phil II: Knowledge and Morality _____ 3 _____ Rels I: Christian Tradition (any S# course) _____ 3 _____ Rels II: World Religions (any V# course) _____ 3 _____ Social Science _____ 3 _____ Sci II: Chem-A106/108 or Biol-A106/107 (fulfilled in adjunct) _____ 0 _____ Writing About Literature _____ 3 _____ <p align="right">27</p> </p>				<p>Use your Academic Progress Report (LORA > Student Records Menu > Academic Progress Report) to keep this document updated.</p>
		<p>Loyola Core.....41 crs Major.....36 crs Adjunct17 crs General Elective.....26 crs Total120 crs</p>		