

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

**NAME:**

**B.S. PHYSICS - PHYS/PHYS.BS (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, &amp; dual-enrollment can fulfill each requirement. Students with WAL credit must still satisfy ENGL T122.</p>	<p><b>Mathematics Placement:</b> 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><b>MAJOR.....42 Crs</b>                  Intro to Physics and Engineering                  A120_____1____                  Intro Mechanics                  A101_____4____                  Mechanics Lab                  A103_____1____                  Intro EM &amp; Relativity                  A102_____4____                  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*                  _____3____                  Advanced Physics Elective*                  _____3____                  Advanced Physics Elective*                  _____3____                  *A300-400 level</p>	<p><b>ADJUNC.....20 Crs</b>                  Into Linear Algebra                  Math-A200_____3____                  Calculus II                  Math-A258_____4____                  Calculus III                  Math-A259_____3____                  General Chem II                  Chem-A106 (Lec) _____3____                  Chem-A108 (Lab) _____1____                  Intro Differential Equations                  Math-A310_____3____                  Adv. Math or Comp. Sci. course approved by advisor: Math A200 - A400 or COSC ###                  _____3____    <b>GENERAL ELECTIVES.....17 Crs</b>                  _____3____                  _____3____                  _____3____                  _____3____                  _____3____                  _____2____</p>	<p><b>NOTES:</b>                  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.                    GPA: Must achieve 2.0 in Major, Minor (if declared), and Loyola cumulative.                    Loyola Core requirements are governed by the catalog year that a student is admitted.                    Use your Degree Audit Report to keep this document updated.                    Loyola Core.....41 crs                  Major.....42 crs                  Adjunct.....20 crs                  General Elective....17 crs                  Total.....120 crs</p>
<p align="center"><b>LOYOLA CORE - 41 Credits</b></p>				
<p><b>FOUNDATION COURSES</b>                  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"><b>14</b></p> </p>				
<p><b>KNOWLEDGE/VALUES COURSES</b>                  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 (fulfilled in adjunct) _____0____                  Writing About Literature _____3____  <p align="right"><b>27</b></p> </p>				