

Degree Program Course List (DPCL) of major requirements for students entering Loyola or transferring into the major in 2014-15*

NAME: _____

B.S. PHYSICS LIBERAL ARTS - PHYL

DATE: _____

| UHP CURRICULUM: PHYSICS LIBERAL ARTS – 55 Credits | | | MAJOR 34 Crs. | ADJUNCT 13 Crs. | REQUIREMENTS ACROSS THE CURRICULUM (RAC) | | | | | | | | | | | | |
|--|-----------------|--------------|--|---------------------------------------|---|----------------------|--------|-------------|---------|---------------|---------|---------------------|---------|--------------------|-----------------|---|--|
| HONORS CORE CURRICULUM | Crs. | Grade | Intro Mechanics | Intro Linear Algebra | Note: <i>Cannot</i> be satisfied with an Intro Comm Curr course | | | | | | | | | | | | |
| First-Year Seminar H121 | 3 | _____ | A101 _____ 4 _____ | Math-A200 _____ 3 _____ | | | | | | | | | | | | | |
| Ignatian Colloquium H193 or H194 | 1 | _____ | Intro Mechanics Lab | Calculus II | Catholic Tradition _____ | | | | | | | | | | | | |
| Social Justice Seminar H396 | 3 | _____ | A103 _____ 1 _____ | Math-A258 _____ 4 _____ | | | | | | | | | | | | | |
| Honors Ethics H215 | 3 | _____ | Intro EM & Relativity | Calculus III | Diversity _____ | | | | | | | | | | | | |
| Subtotal | 10 | | A102 _____ 4 _____ | Math-A259 _____ 3 _____ | Premodern _____ | | | | | | | | | | | | |
| MATH/ NATURAL SCIENCE REQUIREMENTS | | | Intro EM Lab | Intro to Differential Equations | Use space for comments or for Minor Check-off. | | | | | | | | | | | | |
| Mathematics A257 or H257 Calculus I | 4 | _____ | A104 _____ 1 _____ | Math-A310 _____ 3 _____ | | | | | | | | | | | | | |
| Chemistry A105/A107 Gen Chem I/Lab | 3 + 1 | _____ | Intro Waves and Quant. | | | | | | | | | | | | | | |
| Chemistry A106/A108 Gen Chem II/Lab | | _____ | A240 _____ 3 _____ | GENERALELECTIVES 20 Crs. | | | | | | | | | | | | | |
| OR Biology A106/A107 Cells and Heredity/Lab | 3 + 1 | _____ | Intro Thermal Physics | _____ 3 _____ | | | | | | | | | | | | | |
| Subtotal | 12 | | A241 _____ 3 _____ | _____ 3 _____ | | | | | | | | | | | | | |
| HONORS DISCIPLINARY REQUIREMENTS* (H295)** | | | Classical Mechanics | _____ 3 _____ | | | | | | | | | | | | | |
| History _____ | | _____ | A340 _____ 4 _____ | _____ 3 _____ | | | | | | | | | | | | | |
| Philosophy _____ | | _____ | Electricity and Magnetism | _____ 3 _____ | | | | | | | | | | | | | |
| Religious Studies _____ | | _____ | A350 _____ 4 _____ | _____ 3 _____ | | | | | | | | | | | | | |
| Literature _____ | | _____ | Adv. Laboratory Physics | _____ 3 _____ | | | | | | | | | | | | | |
| Social Science _____ | | _____ | A445 _____ 3 _____ | _____ 3 _____ | | | | | | | | | | | | | |
| Creative Arts and Cultures _____ | | _____ | Quantum Mechanics | _____ 3 _____ | | | | | | | | | | | | | |
| Subtotal | 12 | | A450 _____ 4 _____ | _____ 3 _____ | | | | | | | | | | | | | |
| ADVANCED HONORS/ACC (H-, ACC, AP courses) | | | Adv. Phys Elective | _____ 3 _____ | | | | | | | | | | | | | |
| English _____ | 3 | _____ | A300-A400 level | _____ 2 _____ | | | | | | | | | | | | | |
| History _____ | 3 | _____ | | | | | | | | | | | | | | | |
| Philosophy _____ | 3 | _____ | | | | | | | | | | | | | | | |
| Religious Studies _____ | 3 | _____ | | | | | | | | | | | | | | | |
| Subtotal | 12 | | | | | | | | | | | | | | | | |
| ADDITIONAL REQUIREMENTS (H295, ACC, AP or transfer credits) | | | | | | | | | | | | | | | | | |
| Elective _____ | 3 | _____ | | | | | | | | | | | | | | | |
| Subtotal | 3 | | | | | | | | | | | | | | | | |
| LANGUAGE Placement Level _____ | | | | | | | | | | | | | | | | | |
| _____ | 3 | _____ | | | | | | | | | | | | | | | |
| _____ | 3 | _____ | | | | | | | | | | | | | | | |
| Subtotal | 6 | | | | | | | | | | | | | | | | |
| HONORS THESIS/CREDITS IN THE MAJOR | | | | | | | | | | | | | | | | | |
| Subtotal | (6) | | | | | | | | | | | | | | | | |
| *FYS, Social Justice Seminar, and Ethics may fulfill up to 6 crs. (or two disciplines) as determined by the UHP. | | | Courses used in the major cannot also be used to satisfy requirements for a minor. | | | | | | | | | | | | | | |
| **The UHP reserves the right to determine which discipline an H295 course satisfies due to the inherent interdisciplinary nature of most H295 courses. | | | <table border="1"> <tr><td>Comm Curr</td><td>48 crs.</td></tr> <tr><td>Comm Curr Lang</td><td>6 crs.</td></tr> <tr><td>Major</td><td>34 crs.</td></tr> <tr><td>Adjunct</td><td>13 crs.</td></tr> <tr><td>General Elect.</td><td>20 crs.</td></tr> <tr><td>Total</td><td>121 Crs.</td></tr> </table> | Comm Curr | 48 crs. | Comm Curr Lang | 6 crs. | Major | 34 crs. | Adjunct | 13 crs. | General Elect. | 20 crs. | Total | 121 Crs. | GPA: Must achieve 2.0 in Major, Minor (if declared), and Loyola cumulative. | |
| Comm Curr | 48 crs. | | | | | | | | | | | | | | | | |
| Comm Curr Lang | 6 crs. | | | | | | | | | | | | | | | | |
| Major | 34 crs. | | | | | | | | | | | | | | | | |
| Adjunct | 13 crs. | | | | | | | | | | | | | | | | |
| General Elect. | 20 crs. | | | | | | | | | | | | | | | | |
| Total | 121 Crs. | | | | | | | | | | | | | | | | |
| | | | Math-A092 will not be used in total credits needed for degree. | | *Note: Common Curriculum requirements are governed by the catalog year that a student is admitted. | | | | | | | | | | | | |