

**Degree Program Course List (DPCL) of major requirements for students entering Loyola in 2016-17**

**NAME:**

**B.S. BIOLOGICAL SCIENCES - BIOS**

**DATE:**

| <b>UHP CURRICULUM: BIOLOGICAL SCIENCES - 42 Credits</b>   |                          | <b>MAJOR.....34 Crs</b>   | <b>ADJUNCT.....23 Crs</b>                                   |  |
|---|--------------------------|---|---|--|
| <b>Honors Core Curriculum</b>   | Crs/Grd                  | Biology Freshman Seminar<br>A100_____ 1____   | Sci II: Chem A106/A108 (Gen Chem II & Lab) _____ 3/1____    |  |
| First-Year Seminar H121   | 3_____                   | Cells & Heredity - Lec<br>A106_____ 3____   | Organic Chem I - Lec<br>Chem-A300_____ 3____                |  |
| Ignatian Colloquium H193 or H194  | 1_____                   | Cells & Heredity - Lab<br>A107_____ 1____   | Organic Chem I - Lab<br>Chem-A305_____ 2____                |  |
| Social Justice Seminar H396   | 3_____                   | Biology of Organisms - Lec<br>A108_____ 3____   | Organic Chem II - Lec<br>Chem-A301_____ 3____               |  |
| Honors Ethics H215 <sup>1</sup> (check off once completed)  | <input type="checkbox"/> | Biology of Organisms - Lab<br>A109_____ 1____   | Math-A258 (4 crs) <i>or</i><br>Math-A260 (3 crs)_____ 3____ |  |
| <b>Subtotal</b>   | <b>7</b>                 | Ecology & Evolution - Lec<br>A208_____ 3____  | Phys-A115_____ 3____  | <b>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.</b> |
| <b>Foundation Courses</b>   |                          | ETS Exam/ Exit Interview (P/F)<br>A491_____ 0____   | Phys-A112_____ 1____  |  |
| Mathematics A257 or H257 Calculus 1   | 4_____                   | <b>12 crs</b>   | Phys-A116_____ 3____  |  |
| Chemistry A105/A107 Gen Chem I/Lab  | 3/1_____                 |   | Phys-A113_____ 1____  |  |
| <b>Subtotal</b>   | <b>8</b>                 | <b>ADVANCED BIOLOGY ELECTIVES.....22 Crs</b>  | <b>GENERAL ELECTIVES.....21 Crs</b>                         | All majors must take the ETS Biology field exam and participate in an exit interview prior to graduation, typically during the last semester in school.  |
| <b>Honors Disciplinary Requirements</b>   |                          | Course-code      Lec/Lab      Crs      Grade  | _____ 3____   |  |
| History H-level _____   | 3_____                   |   | _____ 3____   |  |
| Literature H-level _____  | 3_____                   |   | _____ 3____   |  |
| Religious Studies H-level _____   | 3_____                   |   | _____ 3____   |  |
| Philosophy H-level _____  | 3_____                   |   | _____ 3____   |  |
| History (H-level, HIST-A/Q/P200+ course, or AP credit)  | 3_____                   |   | _____ 3____   |  |
| Religious Studies (H-level or 200+ RELS course)   | 3_____                   |   | _____ 3____   |  |
| Philosophy (H-level or PHIL-U/W200+ course)   | 3_____                   |   | _____ 3____   |  |
| Creative Arts & Culture (H-level or approved performance course(s))   | 3_____                   |   | _____ 3____   |  |
| Elective (H295, approved course, or AP credit)  | 3_____                   |   | _____ 3____   |  |
| <b>Subtotal</b>   | <b>27</b>                |   | _____ 3____   | Honors GPA: Must achieve 3.3 in Major, Minor (if declared), and Loyola cumulative.   |
| <b>Honors Thesis Sequence</b>   |                          |   | _____ 3____   |  |
| Research Proposal BIOL A400 (1 crs. in the major)   | <input type="checkbox"/> |   | _____ 3____   |  |
| Independent Research BIOL A401 (1-4 crs. in the major)  | <input type="checkbox"/> |   |   | 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.   |
| Research Thesis BIOL A402 (1 crs. in the major)   | <input type="checkbox"/> |   |   |  |
| <b>Subtotal</b>   | <b>0-5</b>               | <b>Must complete at least 5 labs total</b>  |   | Honors Curriculum.....42 crs<br>Major.....34 crs<br>Adjunct.....23 crs<br>General Electives.....21 crs<br>Total.....120 crs  |
|   |                          | Advanced Biology Electives must be BIOLA300 or higher; must total 22 crs (6 crs of which may include BIOL A400, A401, A402) |   |  |
| <sup>1</sup> May be satisfied with an ethics course in the major; if not, H215 must be used to satisfy at least one Honors Disciplinary Requirement |                          |   |   |  |