

**Degree Program Course List (DPCL) of major requirements for students entering Loyola or transferring into the major in 2017-18**

**NAME:** \_\_\_\_\_ **B.S. CHEMISTRY, FORENSIC SCIENCE - CHFS (CIP 40.0510)** **DATE:** \_\_\_\_\_

| <b>UHP CURRICULUM: CHFS (FORENSIC SCIENCE) - 40 Credits</b>   | <b>MAJOR.....36 Crs</b>  | <b>ADJUNCT.....19 Crs</b>  | <b>CONCENTRATION OPTIONS, 13-14 Crs</b>   |
|---|--------------------------|--|---|
| <b>Honors Core Curriculum</b>   | Crs/Grd                  | General Chem I   | <b>I: Instrumental Analysis (INST)</b>  |
| First-Year Seminar H121   | 3 _____                  | A105 _____ 3 _____   | Physical Chemistry I  |
| Ignatian Colloquium H193 or H194  | 1 _____                  | General Chem I - Lab   | A306 _____ 3 _____  |
| Social Justice Seminar H396   | 3 _____                  | A107 _____ 1 _____   | Physical Chemistry II   |
| Honors Ethics H215 <sup>1</sup> (check off once completed)  | <input type="checkbox"/> | General Chem II  | A307 _____ 3 _____  |
| <b>Subtotal</b>   | <b>7</b>                 | A106 _____ 3 _____   | Physical Chem Labs I & II   |
| <b>Foundation Courses</b>   |                          | General Chem II - Lab  | A308 & A309 _____ 1+1 _____   |
| Mathematics A257 or H257 Calculus 1   | 4 _____                  | A108 _____ 1 _____   | Choose two (2) from the following:  |
| Physics A101/A103 Intro Mechanics /Lab  | 4/1 _____                | Organic Chem I   | Math: A200, A310, A320, A375  |
| <b>Subtotal</b>   | <b>9</b>                 | A300 _____ 3 _____   | _____ 3 _____   |
| <b>Honors Disciplinary Requirements</b>   |                          | Organic Chem I - Lab   | <b>GENERAL ELECTIVES.....8-9 Crs</b>  |
| History H-level _____   | 3 _____                  | A310 _____ 1 _____   | _____ <b>14</b>   |
| Literature H-level _____  | 3 _____                  | Organic Chem II  | <b>II: Biochemistry &amp; Genetics (GENE)</b>                                       |
| Religious Studies H-level _____   | 3 _____                  | A301 _____ 3 _____   | Biol of Organisms   |
| Philosophy H-level _____  | 3 _____                  | Synthesis & Characterization   | Biol-A108 - Lec _____ 3 _____   |
| History (H-level, HIST-A/Q/P200+ course, or AP credit)  | 3 _____                  | A314 _____ 2 _____   | Biol-A109 - Lab _____ 1 _____   |
| _____   | 3 _____                  | Integrated Chem Lab I  | Molecular Genetics  |
| Religious Studies (H-level or 200+ RELS course)   | 3 _____                  | A320 _____ 3 _____   | Biol-A326 - Lec _____ 3 _____   |
| _____   | 3 _____                  | Intro to Forensic Methods  | Biol-A327 - Lab _____ 1 _____   |
| Philosophy (H-level or PHIL-U/W200+ course)   | 3 _____                  | A315 _____ 3 _____   | Genetic Analysis  |
| _____   | 3 _____                  | Biochemistry I   | Biol-A328 - Lec _____ 3 _____   |
| Creative Arts & Culture (H-level or approved performance course(s))   | 3 _____                  | A400 _____ 3 _____   | Biochemistry II   |
| <b>Subtotal</b>   | <b>24</b>                | Techniques in Biochemistry   | Chem-A401 - Lec _____ 3 _____   |
| <b>Honors Thesis Sequence</b>   |                          | A402 _____ 1 _____   | <b>14</b>   |
| CHEM A498 "Research" (fulfilled in the major)   | <input type="checkbox"/> | Instrumental Analysis  | <b>III: Human Mind &amp; Behavior (MIND)</b>  |
| CHEM A493 "Capstone" (fulfilled in the major)   | <input type="checkbox"/> | A410 _____ 4 _____   | Intro to Psychology   |
| <b>Subtotal</b>   | <b>0-5</b>               | Chemistry Seminar For Majors   | Psyc-A100 _____ 3 _____   |
| <b>LANGUAGE OR COMPUTER PROGRAMMING.....3 Crs</b>   |                          | A486 _____ 1 _____   | Developmental Psychology  |
| <b>A) Choice of either spoken or classical language at the A101 level.</b>  |                          | Internship / Research  | Psyc-A230 _____ 3 _____   |
| Language above A101 not required for Chemistry Majors. If place at A100 level, take A100 & A101. A100 credits will count in General Elective. |                          | A497 or A498 _____ 3 _____   | Take two (2) from the following for 7 crs total (must include a PSYC lec/lab combo) |
| <b>Placement _____ /LANG A101 _____ 3 _____</b>   |                          | Capstone Presentation  | <b>PSYC:</b> A315/316, A322/A323, A415  |
| <b>B) Intro to Programming I &amp; II: COSC A211 is the prerequisite for COSC A212. Credits for COSC A211 will count in General Elective.</b> |                          | A493 _____ 1 _____   | <b>SOCI:</b> A215, or <b>FRSC:</b> A301, A370                                       |
| <b>COSC A211 (check-off <input type="checkbox"/> ) &amp; COSC A212 _____ 3 _____</b>  |                          | Honors GPA: Must achieve 3.3 in Major, Minor (if declared), & Loyola cumulative. | _____ 3/1 _____   |
|   |                          | Honors requirements are governed by the catalog year that a student is admitted. | _____ 3 _____   |
|   |                          |  | <b>13</b>   |

<sup>1</sup>May be satisfied with an ethics course in the major; if not, an honors ethics course must be used to satisfy at least one Honors Disciplinary

**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.**