Degree Program Course List (DPCL) of major requirements for Honors students entering Loyola in 2022-2023: NOT AN OFFICIAL RECORD - FOR ADVISING USE ONLY

NAME: **B.S. BIOCHEMISTRY - CHEB/CHEM.BS.BCHM.H (Pre-Health)** (CIP 26.0202) **DATE:**

HONORS CURRICULUM - 40 Credits

Foundation Requirements Crs/Grd

First-Year Seminar H121 3____

Ignatian Colloquium H193 or H194 1____

Social Justice Seminar H396 3____

Honors Ethics H215[1] (check off once completed) ☐

Disciplinary Requirements

Creative Arts & Culture (H-level or approved performance course(s))

_____ 3____

History H-level _____ 3____

Literature H-level _____ 3____

History or Literature (H-level, HIST-A/Q/P200+ course, ENGL-N200+ course, or AP credit)

_____ 3____

Mathematics A257 or H257 Calculus I 4____

Physics A101/A103 Intro Mechanics/Lab 4/1____

Philosophy H-level _____ 3____

Philosophy (H-level or PHIL-U/W200+ course)

_____ 3____

Religious Studies H-level _____ 3____

Religious Studies (H-level or 200+ RELS course)

_____ 3____

Honors Thesis Sequence

CHEM A498 "Research" (fulfilled in major) ☐

CHEM A493 "Capstone" (fulfilled in major) ☐

[1]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 Requirement

MAJOR.....39 Crs

General Chem I
A105_____3____

General Chem I - Lab
A107_____1____

General Chem II
A106_____3____

General Chem II - Lab
A108_____1____

Organic Chem I
A300_____3____

Organic Chem I - Lab
A310_____1____

Organic Chem II
A301_____3____

Synthesis & Characterization
A314_____2____

Inorganic Chem I
A350_____3____

Physical Chem I
A306_____3____

Analytical Chemistry Lab
A322_____3____

Biochemistry I
A400_____3____

Biochemistry I - Lab
A402_____1____

Biochemistry II
A401_____3____

Capstone Presentation
A493 1

5 Crs. Chem Electives, A300-400 Crs Grade

ADJUNCT.....20 Crs

Sci II: PhysA102/A104 (Electromag & Relativity/Lab_____ 4+1____

Calculus II
Math-A258 _____4____

Biol Elect _____4____

Biol Elect _____4____

Sci/Math Elect* _____3____

*Choose from Math, Phys, Biol, or Geol.

GENERAL ELECTIVES.....21 Crs

_____3____

_____3____

_____3____

_____3____

_____3____

_____3____

_____3____

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.

Chemistry Departmental Honors

Students must: 1) Earn 2.5 Cumulative & 3.0 Major GPA, 2) engage in research approved by the department, & 3) complete 4 crs of CHEM-A498 or the equivalent.

ETS EXAM: All Majors must pass the ETS CHEM field exam & complete an exit survey in last semester, prior to graduation.

CHEM-A491, _____0 crs_____

See your degree-audit for your requirements, options, & degree-progress. **See** the Bulletin for course-descriptions. **See** LORA for course-availability by Semester.

Honors Core.....40 crs
Major.....39 crs
Adjunct.....20 crs
General Elective.....21 crs
Total.....120 crs

Honors requirements are governed by the catalog year that a student is admitted. See Bulletin & Archives.

Honors GPA: Must achieve 3.3 in Major, Minor (if declared), and Loyola cumulative.

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.