

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. CHEMISTRY - CHEM/CHEM.BS.ACS.H (ACS Certified*) (CIP 40.0501)** **DATE:** _____

HONORS CURRICULUM - 40 Credits		MAJOR.....44 Crs	ADJUNCT.....15 Crs	Chemistry Departmental Honors
Foundation Requirements	Crs/Grd	General Chem I & Lab		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.
First-Year Seminar H121	3 _____	A105 & A107 _____ 3+1 _____	Sci II: PhysA102/A104 (Electromag & Relativity/Lab _____ 4+1 _____	
Ignatian Colloquium H193 or H194	1 _____	General Chem II & Lab		4 crs of CHEM-A498 or the equivalent.
Social Justice Seminar H396	3 _____	A106 & A108 _____ 3+1 _____	Calculus II	
Honors Ethics H215 ¹ (check off once completed)	<input type="checkbox"/>	Organic Chem I	Math-A258 _____ 4 _____	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 _____
		A300 _____ 3 _____	Math Elect* _____ 3 _____	
Disciplinary Requirements		Organic Chem I - Lab		See your degree-audit for your requirements, options, & degree-progress. See the Bulletin for course-descriptions. See LORA for course-availability by Semester.
Creative Arts & Culture (H-level or approved performance course(s))	3 _____	A310 _____ 1 _____	Sci/Math Elect** _____ 3 _____	
History H-level _____	3 _____	Organic Chem II + Synth. & Characterization		Honors Core40 crs
Literature H-level _____	3 _____	A301 & A314 _____ 3+2 _____	*Choose from Math-A200 or A310	
History or Literature (H-level, HIST-A/Q/P200+ course, ENGL-N200+ course, or AP credit)	3 _____	Inorganic Chem I	**Choose from Math, Phys, Biol, or Geol.	Major44 crs
		A350 _____ 3 _____	GENERAL ELECTIVES21 Crs	
Mathematics A257 or H257 Calculus I	4 _____	Physical Chem I		Adjunct.....15 crs
Physics A101/A103 Intro Mechanics/Lab	4/1 _____	A306 _____ 3 _____		
Philosophy H-level _____	3 _____	Physical Chem II		General Elective.....21 crs
Philosophy (H-level or PHIL-U/W200+ course)	3 _____	A307 _____ 3 _____		
		Analytical Chemistry Lab		Total120 crs
		A322 _____ 3 _____		
		Adv. Intgr'd Chem Lab or ChemA498/Research		Honors Core req's are governed by the catalog year that a student is admitted. See Bulletin & Archives.
		A332 _____ 2 _____		
		Biochemistry I		Honors GPA: Must achieve 3.3 in Major, Minor (if declared), & Loyola cumulative.
		A400 _____ 3 _____		
		Instrumental Analysis		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.
		A410 _____ 4 _____		
Honors Thesis Sequence		Capstone Presentation		*American Chemical Society Certified
CHEM A498 "Research" (fulfilled in major)	<input type="checkbox"/>	A493 _____ 1 _____		
CHEM A493 "Capstone" (fulfilled in major)	<input type="checkbox"/>			
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.		5 Crs. Chem Electives, A400-499	Crs Grade	
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		Restricted to max 3 crs CHEM-A486 &/or A498		