

Degree Program Course List (DPCL) of major requirements for students entering Loyola or transferring into the major in 2016-17

NAME:

B.S. CHEMISTRY - CHFS (FORENSIC CHEMISTRY)

DATE:

UHP CURRICULUM: CHFS (FORENSIC SCIENCE) - 40 Credits		MAJOR.....37 Crs	ADJUNCT.....19 Crs	CONCENTRATION OPTIONS, 13-14 Crs
Honors Core Curriculum	Crs/Grd	General Chem I A105 _____ 3 _____	Sci II: PhysA102/A104 (Elec & Rel/Lab) _____ 4+1 _____	<u>I: Instrumental Analysis (INST)</u>
First-Year Seminar H121	3 _____	General Chem I - Lab A107 _____ 1 _____	Calculus II, MathA258 _____ 4 _____	Integrated Chem Lab II A330 _____ 2 _____
Ignatian Colloquium H193 or H194	1 _____	General Chem II A106 _____ 3 _____	Stat. Infrnce for Scientists/MATHA260 or Stats in Criminal Justice/CRIMA260 _____ 3 _____	Physical Chemistry I A306 _____ 3 _____
Social Justice Seminar H396	3 _____	General Chem II - Lab A108 _____ 1 _____	Cells & Heredity Biol-A106 -Lec _____ 3 _____	Physical Chemistry II A307 _____ 3 _____
Honors Ethics H215 ¹ (check off once completed)	<input type="checkbox"/>	Organic Chem I A300 _____ 3 _____	Biol-A107 -Lab _____ 1 _____	Choose two (2) from the following:
Subtotal	7	Organic Chem I - Lab A302 or A305 _____ 2 _____	Criminalistic II: Crime Lab Frsc-C201 _____ 3 _____	Math: A200, A310, A320, A375 _____ 3 _____
Foundation Courses		Organic Chem II A301 _____ 3 _____	GENERAL ELECTIVES.....7-8 Crs	_____ 3 _____
Mathematics A257 or H257 Calculus 1	4 _____	Organic Chem II - Lab A303 _____ 2 _____	_____	_____ 3 _____
Physics A101/A103 Intro Mechanics /Lab	4/1 _____	Integrated Chem Lab I A320 _____ 3 _____	¹ May be satisfied with an ethics course in the major; if not, H215 must be used to satisfy at least one Honors Disciplinary Requirement	_____ 3 _____
Subtotal	9	Intro to Forensic Methods A315 _____ 3 _____	Courses used in major cannot also be used for reqs in a minor: Non-major courses WILL be applied to minors as appropriate.	_____ 3 _____
Honors Disciplinary Requirements		Biochemistry I A400 _____ 3 _____	CHEMISTRY DEPT. HONORS PROGRAM	<u>II: Biochemistry & Genetics (GENE)</u>
History H-level _____	3 _____	Techniques in Biochemistry A402 _____ 1 _____	<u>Students must:</u> 1) Earn 2.5 Loyola Cum GPA and 3.0 Major GPA, 2) Engage in research approved by the dept, 3) Complete 4 credits of CHEM-A498	Biol of Organisms Biol-A108 - Lec _____ 3 _____
Literature H-level _____	3 _____	Forensic Instrumental Analysis A425 _____ 4 _____		Biol-A109 - Lab _____ 1 _____
Religious Studies H-level _____	3 _____	Chemistry Seminar For Majors A486 _____ 1 _____		Molecular Genetics Biol-A326 - Lec _____ 3 _____
Philosophy H-level _____	3 _____	Internship / Research A497 or A498 _____ 3 _____		Biol-A327 - Lab _____ 1 _____
History (H-level, HIST-A/Q/P200+ course, or AP credit)	3 _____	Capstone Presentation A493 _____ 1 _____		Genetic Analysis Biol-A328 - Lec _____ 3 _____
Religious Studies (H-level or 200+ RELS course)	3 _____			Biochemistry II Chem-A401 - Lec _____ 3 _____
Philosophy (H-level or PHIL-U/W200+ course)	3 _____			14
Creative Arts & Culture (H-level or approved performance course(s))	3 _____			<u>III: Human Mind & Behavior (MIND)</u>
Subtotal	24			Intro to Psychology Psyc-A100 _____ 3 _____
Honors Thesis Sequence				Developmental Psychology Psyc-A230 _____ 3 _____
CHEM A498 "Research" (fulfilled in the major)	<input type="checkbox"/>			Take two (2) from the following for 7 crs total (must include a PSYC lec/lab combo)
CHEM A493 "Capstone" (fulfilled in the major)	<input type="checkbox"/>			PSYC: A315/316, A322/A323, A415
Subtotal	0-5			SOCI: A215, or FRSC: A301, A370 _____ 3/1 _____
LANGUAGE OR COMPUTER PROGRAMMING.....3 Crs				_____ 3 _____
A) Choice of either spoken or classical language at the A101 level. Language above A101 not required for Chemistry Majors. If place at A100 level, take A100 & A101. A100 credits will count in General Elective.				13
Placement _____/LANG A101 _____ 3 _____				
B) Intro to Programming I & II: COSC A211 is the prerequisite for COSC A212. Credits for COSC A211 will count in General Elective. COSC A211 (check-off <input type="checkbox"/>) & COSC A212 _____ 3 _____				