

Degree Program Course List (DPCL) of major requirements for students entering Loyola or transferring into the major in 2013-14*

NAME: _____

B.S. CHEMISTRY - CHFS (Forensic Science)

DATE: _____

Is English Placement Exam required? _____ NO _____ YES	Is Math Placement Exam required? _____ NO _____ YES
English Composition Placement is: _____ A100 _____ A105 _____ T122 _____ Exempt 3 credits of T122	Math Placement is: _____ A092 _____ A117 _____ A118 _____ A257

COMMON CURRICULUM - 52 Credits

INTRODUCTORY COMMON CURRICULUM (ICC) Crs. Grade

First-Year Seminar T121 _____	3	_____
Engl T122: Critical Reading and Writing _____	3	_____
Math A257: Calculus I _____	4	_____
Hist T122: Global Hist I <i>or</i> Hist T124: Global Hist II* _____	3	_____
*Choice here determines Hist II ACC course		
Phil T122: Philosophy of Human Person _____	3	_____
Rels T122: Relig of World <i>or</i> Rels T124: Christianity & Soc _____	3	_____
Scie I: Phys-A101/A103, Intro Mechanics / Lab _____	4 + 1	_____
	24	

ADVANCED COMMON CURRICULUM (ACC)

Writing About Literature _____	3	_____
Hist II: ACC _____	3	_____
*Modern or Premodern depending on Hist I		
Phil II: Foundations of Knowledge** _____	3	_____
Rels II: ACC** _____	3	_____
**Phil II <i>or</i> Rels II must be an ethics-based course to satisfy Found'l Ethics req.		
Creative Arts and Cultures _____	2	_____
Social Science _____	3	_____
Scie II: Phys-A102/A104, Electromag & Relativity / Lab _____	4 + 1	_____
Foundational Ethics** _____	0	_____
	22	

LANGUAGE Placement level _____		
Placement course _____	3	_____
Higher course _____	3	_____
	6	

Courses include spoken language A100, A101, A200, A201; Classical language A100, A101, A250, A251-A499; or Cosc-A211, Cosc-A212, Math-A271

MAJOR 37 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 A302 or A305 _____	2	_____
Organic Chem II A301 _____	3	_____
Organic Chem II - Lab A303 _____	2	_____
Integrated Chem Lab I A320 _____	3	_____
Intro to Forensic Methods A315 _____	3	_____
Biochemistry I A400 _____	3	_____
Techniques in Biochemistry A402 _____	1	_____
Forensic Instrumental Analysis A425 _____	4	_____
Forensics Seminar A496 _____	1	_____
Internship / Research A497 or A498 _____	3	_____
Capstone Presentation A493 _____	1	_____

Courses used in the major cannot also be used to satisfy requirements for a minor.

Common Curr.	46 crs.
Comm Curr Lang	6 crs.
Major	51 crs.
Adjunct	14 crs.
General Elect	6 crs.
Total	123 Crs.

ADJUNCT 14 Crs.

Calculus II Math-A258 _____	4	_____
Statistical Inference for Scientists Math-A260 _____ <i>or</i> Stats in Criminal Justice Crju-C260 _____	3	_____
Cells & Heredity Biol-A106 - Lec _____	3	_____
Biol-A107 - Lab _____	1	_____
Criminalistics II: Crime Lab Frsc-C201 _____	3	_____

GENERAL ELECTIVES 6 Crs.

_____	3	_____
_____	3	_____

REQUIREMENTS ACROSS THE CURRICULUM (RAC)

Note: Cannot be satisfied with an Intro Comm Curr course

Catholic Tradition _____		
Diversity _____		
Premodern _____		

CHEMISTRY HONORS PROGRAM

Student must:
 1) Earn 2.5 Loyola Cum GPA and 3.0 Major GPA
 2) Engage in research approved by the department
 3) Complete 4 credits of CHEM-A498.

***Note: Common Curriculum requirements are governed by the catalog year that a student is admitted.**

GPA: Must achieve 2.0 in Major, Minor (if declared), and Loyola cumulative.

Math-A092 will not be used in total credits needed for degree.

CONCENTRATION OPTIONS 13-14 Crs.

Option I: Instrumental Analysis (INST)

Integrated Chem Lab II A330 _____	2	_____
Physical Chemistry I A306 _____	3	_____
Physical Chemistry II A307 _____	3	_____
Choose two (2) from the following: Math: A200, A310, A320, A375		
_____	3	_____
_____	3	_____

Option II: Biochemistry & Genetics (GENE)

Biol of Organisms Biol-A108 - Lec _____	3	_____
Biol-A109 - Lab _____	1	_____
Molecular Genetics Biol-A326 - Lec _____	3	_____
Biol-A327 - Lab _____	1	_____
Genetic Analysis Biol-A328 _____	3	_____
Biochemistry II Biol-A401 _____	3	_____

Option III: Human Mind & Behavior (MIND)

Intro to Psychology A100 _____	3	_____
Developmental Psychology A230 _____	3	_____
TWO from the following: Psyc: A315/A316, A322/A323, A415 Soci: A215 Frsc: A301, A370		
_____	3	_____
_____	3 + 1	_____