

Degree Program Course List (DPCL) of major requirements for students entering Loyola in 2017-18

NAME: _____ **B.S. CHEMISTRY - CHEM (ACS Certified) (CIP 40.0501)** **DATE:** _____

English Composition Placement is: ACT ENGL score 21 or above SAT Verbal score 501 or above Register for ENGL-T122 _____ ACT ENGL score 20 or below SAT Verbal score 500 or below Register for ENGL-A100 _____	ALEKS MATH COURSE PLACEMENT 76-100, MathA257, Calculus I _____ 46-75, MathA118, Pre-Calculus _____ 0-45, MathA092, Fundamentals of Algebra _____ (not counted in final degree credits)	MAJOR.....44 Crs General Chem I & Lab A105 & A107 _____ 3+1 _____ General Chem II & Lab A106 & A108 _____ 3+1 _____ Organic Chem I A300 _____ 3 _____ Organic Chem I - Lab A310 _____ 1 _____ Organic Chem II + Synth. & Characterization A301 & A314 _____ 3+2 _____ Inorganic Chem I A350 _____ 3 _____ Physical Chem I A306 _____ 3 _____ Physical Chem II A307 _____ 3 _____ Physical Chemistry Lab I A308 _____ 1 _____ Physical Chemistry Lab II A309 _____ 1 _____ Integrated Chem Lab I A320 _____ 3 _____ Biochemistry I A400 _____ 3 _____ Instrumental Analysis A410 _____ 4 _____ Capstone Presentation A493 _____ 1 _____	ADJUNCT.....15 Crs Sci II: PhysA102/A104 (Electromag & Relativity/Lab) _____ 4+1 _____ Calculus II Math-A258 _____ 4 _____ Math Elect* _____ 3 _____ Sci/Math Elect** _____ 3 _____ *Choose from Math-A200 or A310 **Choose from Math, Phys, Biol, or Geol. GENERAL ELECTIVES.....16 Crs _____ 3 _____ _____ 3 _____ _____ 3 _____ _____ 3 _____ _____ 1 _____	CHEMISTRY DEPARTMENTAL HONORS Students must: 1) Earn 2.5 Loyola Cum GPA & 3.0 Major GPA, 2) engage in research approved by the dept, & 3) complete 4 credits of CHEM-A498 or the equivalent. ETS EXAM All majors must take the ETS CHEM field exam, CHEM-A491, (Pass/Fail) & complete an exit survey in last semester prior to graduation. CHEM-A491 0
LOYOLA CORE - 42 Credits				
FOUNDATION COURSES	Crs/Grade			
First-Year Seminar T121 _____	3 _____			
Engl T122: Critical Reading and Writing _____	3 _____			
Math A257: Calculus I _____	4 _____			
Sci I: Phys-A101/A103 (Intro Mechanics/Lab) _____	4/1 _____			
	15			
KNOWLEDGE-VALUE COURSES				
Creative Arts and Cultures _____	3 _____			
Hist I: T122/Emerging World or T124/Modern* _____	3 _____			
*Choice determines Hist II course below.				
Hist II: _____	3 _____			
*If T122 taken above, take HIST-Q###; if T124 above, take HIST-P###				
Phil I: Reasoning _____	3 _____			
Phil II: Knowledge & Morality _____	3 _____			
Rels I: Christian Theology _____	3 _____			
Rels II: World Religions _____	3 _____			
Sci II: (Fulfilled in Adjuncts) _____	0 _____			
Social Science _____	3 _____			
Writing About Literature _____	3 _____			
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LANGUAGE OR COMPUTER PROGRAMMING.....3 Crs				
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.				
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 _____	Restricted to a maximum of 3 credits of CHEM-A486 and/or A498		
				Loyola Core 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.
				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.

Loyola Core.....	42 crs
Language.....	3 crs
Major.....	44 crs
Adjunct.....	15 crs
General Elective.....	16 crs
Total.....	120 crs