

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

**NAME:** \_\_\_\_\_ **B.S. BIOCHEMISTRY - CHEB (Pre-Health) (CIP 26.0202)** **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)	<b>MAJOR.....39 Crs</b> 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 _____ Integrated Chem Lab I A320 _____ 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	<b>ADJUNCT.....20 Crs</b> 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. <b>GENERAL ELECTIVES.....16 Crs</b> _____ 3 _____ _____ 3 _____ _____ 3 _____ _____ 3 _____ _____ 1 _____	<b>CHEMISTRY DEPARTMENTAL HONORS Students must:</b> 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. <b>ETS EXAM</b> All majors must take the ETS CHEM field exam, CHEM-A491, (Pass/Fail) & complete an exit survey in last semester prior to graduation. <b>CHEM-A491</b> _____ <b>0</b> _____ Loyola Core.....42 crs Language.....3 crs Major.....39 crs Adjunct.....20 crs General Elective.....16 crs Total.....120 crs 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. <b>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.</b>
<b>LOYOLA CORE - 42 Credits</b>				
<b>FOUNDATION COURSES</b>	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 _____			
	<b>15</b>			
<b>KNOWLEDGE-VALUE COURSES</b>				
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 _____			
	<b>27</b>			
<b>LANGUAGE OR COMPUTER PROGRAMMING.....3 Crs</b>				
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 _____			