

**NAME:**

**B.S. CHEMISTRY - CHEM (ACS Certified\*) (CIP 40.0501)**

**DATE:**

<b>English Composition Placement:</b> ACT ENGL score 21 or above SATR-EBRW score 500 or above Register for ENGL-T122 <input type="checkbox"/> ACT ENGL score 20 or below SATR-EBRW score 499 or below Register for ENGL-A100 <input type="checkbox"/>	<b>Mathematics Placement:</b> See current Bulletin for Criteria, and see Academic Progress Report/U-Achieve for LUPL scores. <input type="checkbox"/> Register MathA257/Calculus I <input type="checkbox"/> Register MathA118/Pre-Calculus <input type="checkbox"/> Register MathA110 & A111	<b>MAJOR.....44 Crs</b> 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 _____ Analytical Chemistry Lab A322 _____ 3 _____ Adv. Intgr'd Chem Lab (or ChemA498/Research) A332 _____ 2 _____ Biochemistry I A400 _____ 3 _____ Instrumental Analysis A410 _____ 4 _____ Capstone Presentation A493 _____ 1 _____ 5 Crs. Chem Electives*, A300-499 Crs Grade	<b>ADJUNCT.....15 Crs</b> 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.	<b>CHEMISTRY DEPARTMENTAL HONORS</b> <b>Students must:</b> 1) Earn 2.5 Cum. GPA & 3.0 Major GPA, 2) engage in research approved by dept, 3) complete 4 crs CHEM-A498 or the equivalent. <b>ETS EXAM:</b> All Majors must pass the ETS CHEM field exam & complete an exit survey in last semester, prior to graduation. <b>CHEM-A491, 0 crs _____ (Pass/Fail)</b>
<p align="center"><b>LOYOLA CORE - 42 Credits</b></p> <b>FOUNDATION COURSES</b> Crs/Grade First-Year Seminar/T121 _____ 3 _____ Engl T122: Critical Reading & Writing _____ 3 _____ Math A257: Calculus I _____ 4 _____ Sci I: Phys-A101/A103 _____ 4/1 _____ <p align="right"><b>15</b></p>		Physical Chem II A307 _____ 3 _____ Analytical Chemistry Lab A322 _____ 3 _____ Adv. Intgr'd Chem Lab (or ChemA498/Research) A332 _____ 2 _____ Biochemistry I A400 _____ 3 _____ Instrumental Analysis A410 _____ 4 _____ Capstone Presentation A493 _____ 1 _____ 5 Crs. Chem Electives*, A300-499 Crs Grade	<b>GENERAL ELECTIVES.....19 Crs</b>	See your Academic Progress Report for your requirements, options, & degree-progress. See the Bulletin for course-descriptions. See LORA for course-availability by Semester.
<b>KNOWLEDGE-VALUE COURSES</b> Creative Arts and Cultures _____ 3 _____ Hist I _____ 3 _____ Hist II _____ 3 _____ Phil I: Reasoning _____ 3 _____ Phil II: Knowledge & Morality _____ 3 _____ Rels I: Christian Traditions _____ 3 _____ Rels II: World Religions _____ 3 _____ Sci II: (Fulfilled in Adjuncts) _____ 0 N/A _____ Social Science _____ 3 _____ Writing About Literature _____ 3 _____ <p align="right"><b>27</b></p>		5 Crs. Chem Electives*, A300-499 Crs Grade		Loyola Core.....42 crs Major.....44 crs Adjunct.....15 crs General Elective.....19 crs Total.....120 crs Loyola Core req's are governed by the catalog year that a student is admitted. See Bulletin &Archives. 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.
Use your Academic Progress Report ( <b>LORA &gt; Student Records Menu &gt; Academic Progress Report link</b> ) to keep this document updated.		Restricted to max 3 crs CHEM-A486 &/or A498. <b>*Two credits laboratory (A315, A402, A498)</b>	<b>*American Chemical Society Certified</b>	