

NAME:

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

DATE:

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| <p>English Composition Placement Take ENGL T122, then choose a Writing About Literature (any N-coded course). AP, IB, CLEP, transfers, & dual-enrollment can fulfill each requirement. Students with WAL credit must still satisfy ENGL T122.</p> | <p>Mathematics Placement: See current Bulletin for Criteria, and see degree-audit for LUPL scores.</p> <p><input type="checkbox"/> Register MathA257/Calculus I <input type="checkbox"/> Register MathA118/Pre-Calculus <input type="checkbox"/> Register MathA110 & A111</p> | <p>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 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</p> | <p>ADJUNCT.....15 Crs Sci II: PhysA102/A104 (Electromag & Relativity/Lab _____ 4+1 Calculus II Math-A258 _____ 4 Math Elect* _____ 3 Sci/Math Elect** _____ 3</p> <p>*Choose from Math-A200 or A310 **Choose from Math, Phys, Biol, or Geol.</p> | <p>CHEMISTRY DEPARTMENTAL HONORS Students must: 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.</p> <p align="center">ETS EXAM: All Majors must pass the ETS CHEM field exam & complete an exit survey in last semester, prior to graduation.</p> <p align="center">CHEM-A491, 0 crs _____ (Pass/Fail)</p> |
| <p align="center">LOYOLA CORE - 42 Credits</p> | | | | |
| <p>FOUNDATION COURSES 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 15</p> | | | | |
| <p>KNOWLEDGE-VALUE COURSES 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 27</p> | | | | |
| <p>Use your degree-audit to keep this document updated.</p> | | <p>Restricted to max 3 crs CHEM-A486 &/or A498. *Two credits laboratory (A315, A402, A498)</p> | | |
| | | <p>GENERAL ELECTIVES.....19 Crs</p> | | |
| | | <p align="center">See your degree-audit for your requirements, options, & degree-progress. See the Bulletin for course-descriptions. See LORA for course-availability by Semester.</p> | | |
| | | <p>Loyola Core.....42 crs Major.....44 crs Adjunct.....15 crs General Elective.....19 crs Total.....120 crs</p> | | |
| | | <p>Loyola Core req's are governed by the catalog year that a student is admitted. See Bulletin &Archives.</p> | | |
| | | <p>GPA: Must achieve 2.0 in Major, Minor (if declared), and Loyola cumulative.</p> | | |
| | | <p>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.</p> | | |
| | | <p align="center">*American Chemical Society Certified</p> | | |