

Degree Program Course List (DPCL) of major requirements for students entering Loyola in 2015-16

NAME:

B.S. CHEMISTRY - CHFS (FORENSIC SCIENCE)

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 _____	Is Math Placement Exam Required? NO _____ YES _____ Math Placement based on test scores is: A092 _____ (not used in final degree crs) A117 _____ A118 _____ A257 _____	<p>MAJOR.....37 Crs <i>(See Req'd Concentrations in Right Column)</i></p> 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 _____ Forensic Seminar A496 _____ 1 _____ Internship / Research A497 or A498 _____ 3 _____ Capstone Presentation A493 _____ 1 _____ Common Curriculum w/ 6 crs Lang.....53 crs Major.....37 crs Adjunct.....14 crs General Elective5 crs Concentration.....13-14 crs Total122-123 crs	<p>ADJUNCT.....14 Crs</p> Calculus II Math-A258 _____ 4 _____ Statistical Inference for Scientists Math-A260 or Stats in Criminal Justice Crju-C260 _____ 3 _____ Cells & Heredity Biol-A106 -Lec _____ 3 _____ Biol-A107 -Lab _____ 1 _____ Criminalistic II: Crime Lab Frsc-C201 _____ 3 _____ <p>GENERAL ELECTIVES.....5 Crs</p> _____ 3 _____ _____ 2 _____ <p>REQUIREMENTS ACROSS THE CURRICULUM (RAC) <i>Choose your ACC courses from the left column to include at least 1 course each w/ these designations: Cannot be satisfied with ICC courses.</i></p> Catholic Tradition _____ Diversity _____ Pre-modern _____ <p>CHEMISTRY HONORS PROGRAM Students must: 1) Earn 2.5 Loyola Cum GPA & 3.0 Major GPA 2) Engage in research approved by the department 3) Complete 4 credits of CHEM-A498 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.</p>	<p>Concentration Options, 13-14 Crs</p> <p>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 _____ <p align="center">14</p> <p>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 - Lec _____ 3 _____ Biochemistry II Chem-A401 - Lec _____ 3 _____ <p align="center">14</p> <p>III: Human Mind & Behavior (MIND) Intro to Psychology Psyc-A100 _____ 3 _____ Developmental Psychology Psyc-A230 _____ 3 _____ Choose two (2) from the following for a total of 7 crs (must include a PSYC lec/lab combo) PSYC: A315/316, A322/A323, A415 SOCI: A215, or FRSC: A301, A370 _____ 3/1 _____ _____ 3 _____ <p align="center">13</p> </p></p></p>
<p align="center">COMMON CURRICULUM - 53 Credits</p>				
<p>INTRODUCTORY COMMON CURRICULUM (ICC) Crs/Grade</p> First-Year Seminar T121 _____ 3 _____ Engl T122: Critical Reading and Writing _____ 3 _____ Math A257: Calculus I _____ 4 _____ Hist T122: Global I/Emerging World or T124: Global II/Modern: <i>Choice determines HistII/ACC course below</i> _____ 3 _____ Phil T122: Philosophy of Human Person _____ 3 _____ Rels T122: World Relig or Rels T124: Christianity & Soc _____ 3 _____ Scie I: Phys-A101/A103 (Intro Mechanics / Lab) _____ 4/1 _____ <p align="center">24</p>				
<p>ADVANCED COMMON CURRICULUM (ACC)</p> Writing About Literature _____ 3 _____ Hist II/ACC* _____ 3 _____ *If HistT122 in ICC, take "Modern"; if T124 above, take "Emerging World" Foundational Ethics** _____ 3 _____ **Must take Ethics in Philosophy or Religious Studies Phil II/ACC or Rels II/ACC*** _____ 3 _____ ***If Ethics is Phil, take Rels II/ACC; if Ethics is Religion take Phil II/ACC Creative Arts and Cultures _____ 3 _____ Social Science _____ 3 _____ Sci II: Phys-A102/A104 (Electromag & Relativity / Lab) _____ 4/1 _____ <p align="center">23</p> <p>LANGUAGE Placement</p> Placement Course _____ 3 _____ Higher course _____ 3 _____ <p align="center">6</p>				
<p><i>Language - Choose from Spoken A100, A101, A200, A201 or Classical A100, A101, A250, A251-A499; or Cosc-A211, Cosc-A212. Math-A271 Students are not required to take languages above the A201 level.</i></p> <p><i>Common Curriculum requirements are governed by the catalog year that a student is admitted.</i></p>				