

Degree Program Course List (DPCL) of major requirements for students entering Loyola or transferring into the major in 2015-16*

NAME:

B.S. COMPUTATIONAL MATHEMATICS - MATC 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 is: _____ A092 _____ A117 _____ A118 _____ A257	<p>MAJOR 37 Crs.</p> Intro Linear Algebra A200 _____ 3 _____ Calculus I A257 (see Intro Comm Curr) _____ Calculus II A258 _____ 4 _____ Calculus III A259 _____ 3 _____ Applied Scientific Computing A271 _____ 3 _____ Intro Differential Equations A310 _____ 3 _____ Math Probability A340 _____ 3 _____ Statistics Theory & Methods A341 _____ 3 _____ Computational Mathematics A375 _____ 3 _____ Advanced Calculus I A410 _____ 3 _____ Math Elective* _____ 3 _____ Math Elective* _____ 3 _____ Research Project A498 _____ 3 _____ *A300-A400 level	<p>ADJUNCT 6 Crs.</p> Intro to Programming I Cosc A211 _____ 3 _____ Intro to Programming II Cosc A212 _____ 3 _____ <p>GENERALECTIVES 21 Crs.</p> _____ 3 _____ _____ 3 _____ _____ 3 _____ _____ 3 _____ _____ 3 _____ _____ 3 _____	<p>REQUIREMENTS ACROSS THE CURRICULUM (RAC) Note: <i>Cannot</i> be satisfied with an Intro Comm Curr course</p> Catholic Tradition _____ Diversity _____ Premodern _____ <p>Use space for comments or for Minor Check-off.</p>												
<p align="center">COMMON CURRICULUM - 56 Credits</p>		<table border="1"> <tr> <td>Common Curr.</td> <td>50 crs.</td> </tr> <tr> <td>Comm Curr Lang.</td> <td>6 crs.</td> </tr> <tr> <td>Major</td> <td>37 crs.</td> </tr> <tr> <td>Adjunct</td> <td>6 crs..</td> </tr> <tr> <td>General Elect.</td> <td>21 crs.</td> </tr> <tr> <td>Total</td> <td>120 Crs.</td> </tr> </table>		Common Curr.	50 crs.	Comm Curr Lang.	6 crs.	Major	37 crs.	Adjunct	6 crs..	General Elect.	21 crs.	Total	120 Crs.	<p>Courses used in the major cannot also be used to satisfy requirements for a minor.</p> <p>GPA: Must achieve 2.0 in Major, Minor (if declared), and Loyola cumulative.</p> <p>Math-A092 will not be used in total credits needed for degree.</p> <p>*Note: Common Curriculum requirements are governed by the catalog year that a student is admitted.</p>
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<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 Hist I <i>or</i> Hist T124: Global Hist II* _____ 3 _____ *Choice here determines Hist ACC course Phil T122: Philosophy of Human Person _____ 3 _____ Rels T122: Relig of World <i>or</i> 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 ACC _____ 3 _____ * If T122 previously taken, take Modern; if T124 taken, take Emerging World Phil ACC _____ 3 _____ Rels ACC _____ 3 _____ Creative Arts and Cultures _____ 3 _____ Social Science _____ 3 _____ Scie II: Phys-A102/A104, Electromag & Relativity / Lab _____ 4 + 1 _____ Foundational Ethics _____ 3 _____ <p align="center">26</p> <p>LANGUAGE Placement level _____</p> Placement course _____ 3 _____ Higher course _____ 3 _____ <p align="center">6</p> Courses include spoken language A100, A101, A200, A201 or Classical language A100, A101, A250, A251-A499. Students are not required to take language above the A201 level.																