

Degree Program Course List (DPCL) of major requirements for students entering Loyola in 2022-23: NOT AN OFFICIAL RECORD - FOR ADVISING USE ONLY

NAME:

B.S. COMPUTER SCIENCE - COSC/COSC.BS (CIP 11.0701)

DATE:

<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>MAJOR.....39 Crs</p>	<p>ADJUNCT.....10 Crs</p>	<p align="center">Use your degree-audit to keep this document updated.</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>_____ Register MathA257/Calculus I</p> <p>_____ Register MathA118/Pre-Calculus</p> <p>_____ Register MathA110/Algebra</p>	<p>Computer Science.....36 Crs</p> <p>Intro to Programming I</p> <p>Cosc A211 _____ 3 _____</p> <p>Intro to Programming II</p> <p>Cosc A212 _____ 3 _____</p> <p>Object-Oriented Programming</p> <p>Cosc A217 _____ 3 _____</p> <p>Intro to Relational Databases</p> <p>Cosc A270 _____ 3 _____</p> <p>Computer Organization</p> <p>Cosc A315 _____ 3 _____</p> <p>Data Structures</p> <p>Cosc A317 _____ 3 _____</p> <p>Languages and Paradigms</p> <p>Cosc A361 _____ 3 _____</p> <p>Operating Systems</p> <p>Cosc A365 _____ 3 _____</p> <p>Software Engineering</p> <p>Cosc A451 _____ 3 _____</p> <p>Cosc Elect* _____ 3 _____</p> <p>Cosc Elect* _____ 3 _____</p> <p>Cosc Elect* _____ 3 _____</p> <p>Practical Experience/Internship.....3 Crs</p> <p>COSC A497 _____ 3 _____</p>	<p>Intro to Linear Algebra</p> <p>MATH A200 _____ 3 _____</p> <p>Calculus II</p> <p>MATH A258 _____ 4 _____</p> <p>Choose one from the following:</p> <p>MATH A204, Discrete Math Structures</p> <p>MATH A260, Statistical Inference</p> <p>MATH A271, Applied Scientific Computing</p> <p>PHIL A206, Intro to Symbolic Logic _____ 3 _____</p>	
<p>LOYOLA CORE - 40 Credits</p>		<p>GENERAL ELECTIVES.....31 Crs</p>		
<p>FOUNDATION COURSES Crs/Grade</p>				
<p>First-Year Seminar T121 _____ 3 _____</p>				
<p>Engl T122: Critical Reading & Writing _____ 3 _____</p>				
<p>Math A257: Calculus I _____ 4 _____</p>				
<p>Scie T129: Investigating Nature _____ 3 _____</p> <p align="right">13</p>				
<p>KNOWLEDGE-VALUE COURSES</p>				
<p>Creative Arts and Cultures _____ 3 _____</p>				
<p>Hist I _____ 3 _____</p>				
<p>Hist II _____ 3 _____</p>				
<p>Phil I: Reasoning _____ 3 _____</p>				
<p>Phil II: Knowledge & Morality _____ 3 _____</p>				
<p>Rels I: Christian Traditions _____ 3 _____</p>				
<p>Rels II: World Religions _____ 3 _____</p>				
<p>Social Science _____ 3 _____</p>				
<p>Scie II: (Fulfilled in Adjuncts) _____ 0 N/A _____</p>				
<p>Writing About Literature _____ 3 _____</p> <p align="right">27</p>				