

Degree Program Course List (DPCL) of major requirements for Honors students entering Loyola in 2020-21

NAME:

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

DATE:

Honors Curriculum - 41 Credits		MAJOR.....39 Crs	ADJUNCT.....10 Crs	
Foundation Requirements		Computer Science.....36 Crs	Intro to Linear Algebra MATH A200 _____ 3 _____	
First-Year Seminar H121	Crs/Grd 3 _____			Intro to Programming I Cosc A211 _____ 3 _____
Ignatian Colloquium H193 or H194	1 _____	Intro to Programming II Cosc A212 _____ 3 _____	Calculus II MATH A258 _____ 4 _____	
Social Justice Seminar H396	3 _____	Object-Oriented Programming Cosc A217 _____ 3 _____	Choose one from the following: MATH A204, Discrete Math Structures	
Honors Ethics H215* (check off once completed)	<input type="checkbox"/>	Intro to Relational Databases Cosc A270 _____ 3 _____	MATH A260, Statistical Inference	
Disciplinary Requirements		Computer Organization Cosc A315 _____ 3 _____	MATH A271, Applied Scientific Computing	
Creative Arts & Culture (H-level or approved performance course(s))	_____ 3 _____	Data Structures Cosc A317 _____ 3 _____	PHIL A206, Intro to Symbolic Logic _____ 3 _____	
History H-level _____	3 _____	Languages and Paradigms Cosc A361 _____ 3 _____	GENERAL ELECTIVES.....30 Crs	<p align="center">Thesis work is a dedicated process that spans multiple semesters, and you may be asked to take additional scaffolding courses. Please consult an Honors advisor about what steps are right for you.</p>
History (H-level, HIST-A/Q/P200+ course, or AP credit)	_____ 3 _____	Operating Systems Cosc A365 _____ 3 _____	_____ 3 _____	
Literature H-level _____	3 _____	Software Engineering Cosc A451 _____ 3 _____	_____ 3 _____	
Literature (H-level, ENGL-N200+ course, or AP credit)	_____ 3 _____	Cosc Elect* _____ 3 _____	_____ 3 _____	
Mathematics A257 or H257 Calculus I	4 _____	Cosc Elect* _____ 3 _____	_____ 3 _____	
Natural Science (H-level, A101+ science course, or AP credit)	_____ 3 _____	Cosc Elect* _____ 3 _____	_____ 3 _____	
Philosophy H-level _____	3 _____	Cosc Elect* _____ 3 _____	_____ 3 _____	
Philosophy (H-level or PHIL-U/W200+ course)	_____ 3 _____	Cosc Elect* _____ 3 _____	_____ 3 _____	
Religious Studies H-level _____	3 _____	Practical Experience.....3 Crs	_____ 3 _____	
Religious Studies (H-level or 200+ RELS course)	_____ 3 _____	Internship I _____ 3 _____	_____ 3 _____	
Honors Thesis Sequence			_____ 3 _____	
Research Project MATH A498 (3 crs. in the major)	<input type="checkbox"/>		_____ 3 _____	
Thesis work is a dedicated process that spans multiple semesters, and you may be asked to take additional scaffolding courses. Please consult an honors advisor about what steps are right for you.			_____ 3 _____	
* May be satisfied with an ethics course in the major; if not, an honors ethics course must be used to satisfy at least one Honors Disciplinary Requirement			_____ 3 _____	
			_____ 3 _____	<p align="center">Honors GPA: Must achieve 3.3 in Major, Minor (if declared), and Loyola cumulative.</p>
			_____ 3 _____	<p align="center">Honors Curriculum.....41 crs Major.....39 crs Adjuncts.....10 crs General Elective.....30 crs Total.....120 crs</p>
			_____ 3 _____	<p align="center">Honors requirements are governed by the catalog year that a student is admitted.</p>
			_____ 3 _____	<p align="center">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>