

Degree Program Course List (DPCL) of major requirements for students entering Loyola in 2017-18

NAME: _____ **B.S. COMPUTER SCIENCE - COSC (CIP 11.0701)** **DATE:** _____

UHP CURRICULUM: COSC - 41 Credits		MAJOR.....41 Crs	ADJUNCT.....10 Crs	
Honors Core Curriculum	Crs/Grd	Computer Science.....36 Crs	Intro to Linear Algebra	
First-Year Seminar H121	3_____	Intro to Programming I	MATH A200_____3_____	
Ignatian Colloquium H193 or H194	1_____	Cosc A211_____3_____	Calculus II	
Social Justice Seminar H396	3_____	Intro to Programming II	MATH A258_____4_____	
Honors Ethics H215 ¹ (check off once completed)	<input type="checkbox"/>	Cosc A212_____3_____		
Subtotal	7	Object-Oriented Programming	Choose one from the following:	
Honors Disciplinary Requirements		Cosc A217_____3_____	MATH A204, Discrete Math Structures	
History H-level _____	3_____	Intro to Relational Databases	MATH A260, Statistical Inference	
Literature H-level _____	3_____	Cosc A270_____3_____	MATH A271, Applied Scientific Computing	Language- Choose from Spoken
Religious Studies H-level _____	3_____	Computer Organization	PHIL A206, Intro to Symbolic Logic	A100, A101, A200, A201 or
Philosophy H-level _____	3_____	Cosc A315_____3_____		Classical Language A100, A101,
Mathematics A257 or H257 Calculus I	4_____	Data Structures	GENERAL ELECTIVES.....22 Crs	A250, A251-A499. Students are not
History (H-level, HIST-A/Q/P200+ course, or AP credit)	3_____	Cosc A317_____3_____		required to take language beyond
Literature (H-level, ENGL-N200+ course, or AP credit)	3_____	Languages and Paradigms		This work is a dedicated process
Religious Studies (H-level or 200+ RELS course)	3_____	Cosc A361_____3_____		that spans multiple semesters, and
Philosophy (H-level or PHIL-U/W200+ course)	3_____	Operating Systems		you may be asked to take
Natural Science (H-level, A101+ science course, or AP credit)	3_____	Cosc A365_____3_____		additional scaffolding courses.
Creative Arts & Culture (H-level or approved performance course(s))	3_____	Software Engineering		Please consult an honors advisor
Subtotal	34	Cosc A451_____3_____		about what steps are right for you.
Honors Thesis Sequence		Cosc Elect*_____3_____		Honors GPA: Must achieve 3.3 in
Research Project MATH A498 (3 crs. in the major)	<input type="checkbox"/>	Cosc Elect*_____3_____		Major, Minor (if declared), and
		Cosc Elect*_____3_____		Loyola cumulative.
		Cosc Elect*_____3_____		Honors Curriculum.....41 crs
Subtotal	0-5	Practical Experience.....5 Crs		Language.....6 crs
LANGUAGE Placement _____		Internship I_____2_____		Major.....41 crs
Placement Course_____3_____		Internship II_____3_____		Adjuncts.....10 crs
Higher Course_____3_____				General Elective.....22 crs
Subtotal	6			Total.....120 crs
				Honors requirements are governed
				by the catalog year that a student is
				admitted.
				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.

¹ 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