

Degree Program Course List (DPCL) of major requirements for students entering Loyola in 2016-17

NAME:

B.S. MATHEMATICS - MATH

DATE:

UHP CURRICULUM: MATHEMATICS - 40 Credits		MAJOR.....37 Crs	ADJUNCT.....11 Crs	
Honors Core Curriculum	Crs/Grd	Intro Linear Algebra	Intro to Programming I	
First-Year Seminar H121	3_____	A200_____3_____	Cosc A211_____3_____	
Ignatian Colloquium H193 or H194	1_____			
Social Justice Seminar H396	3_____	Calculus II	Intro to Programming II	
Honors Ethics H215 ¹ (check off once completed)	<input type="checkbox"/>	A258_____4_____	Cosc A212_____3_____	
Subtotal	7			
Foundation Courses		Calculus III	Sci II: Phys A102/A104	
Mathematics A257 or H257 Calculus 1	4_____	A259_____3_____	Electromag & Relativity / Lab	
Physics A101/A103 Intro Mechanics /Lab	4/1_____		_____4/1_____	
Subtotal	9	Intro Differential Equations	GENERAL ELECTIVES.....26 Crs	Language- Choose from Spoken
Honors Disciplinary Requirements		A310_____3_____	_____3_____	A100, A101, A200, A201 or Classical
History H-level _____	3_____	Linear Algebra	_____3_____	Language A100, A101, A250, A251-
Literature H-level _____	3_____	A320_____3_____	_____3_____	A499. Students are not required to
Religious Studies H-level _____	3_____	Math Probability	_____3_____	take language beyond the 201 level.
Philosophy H-level _____	3_____	A340_____3_____	_____3_____	Thesis work is a dedicated process
History (H-level, HIST-A/Q/P200+ course, or AP credit)	3_____	Statistics Theory & Methods	_____3_____	that spans multiple semesters, and
Religious Studies (H-level or 200+ RELS course)	3_____	A341_____3_____	_____3_____	you may be asked to take additional
Philosophy (H-level or PHIL-U/W200+ course)	3_____	Abstract Algebra I	_____3_____	scaffolding courses. Please consult
Creative Arts & Culture (H-level or approved performance course(s))	3_____	A400_____3_____	_____3_____	an Honors advisor about what steps
Subtotal	24	Advanced Calculus I	_____3_____	are right for you.
Honors Thesis Sequence		A410_____3_____	_____3_____	Honors Curriculum.....40 crs
Research Project MATH A498 (3 crs. in the major)	<input type="checkbox"/>	Advanced Calculus II	_____2_____	Language.....6 crs
	_____	A411_____3_____		Major.....37 crs
	_____	Math Elect* _____3_____	LANGUAGE.....6 Crs	Adjuncts.....11 crs
Subtotal	0-5	Math Elect* _____3_____	Placement Level	General Elective.....26 crs
			_____3_____	Total.....120 crs
			Higher Level	Honors Curriculum requirements are
			_____3_____	governed by the catalog year that a
				student is admitted.
				Honors GPA: Must achieve 3.3 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.
¹ May be satisfied with an ethics course in the major; if not, H215 must be used to satisfy at least one Honors Disciplinary Requirement		*A300-400 level, except A375		