

**Degree Program Course List (DPCL) of major requirements for Honors students entering Loyola in 2022-2023**

**NAME:**

**B.S. MATHEMATICS - MATH/MATH.BS.H (CIP 27.0101)**

**DATE:**

<b>Honors Curriculum - 40 credits</b>		<b>MAJOR.....37 Crs</b>	<b>ADJUNCT.....8 Crs</b>	
<b>Foundation Requirements</b>	Crs/Grd	Intro Linear Algebra	Intro to Programming I	<i>See your Academic Progress Report for your requirements, options, &amp; degree-progress. See the Bulletin for course-descriptions. See LORA for course availability by Semester.</i>
First-Year Seminar H121	3 _____	A200 _____ 3 _____	Cosc A211 _____ 3 _____	
Ignatian Colloquium H193	1 _____	Calculus II	Sci II: Phys A102/A104	
Social Justice Seminar H396	3 _____	A258 _____ 4 _____	Electromag & Relativity / Lab	
Honors Ethics H215 <sup>1</sup> (check off once completed)	<input type="checkbox"/>	Calculus III	_____ 4/1 _____	
<b>Disciplinary Requirements</b>		A259 _____ 3 _____	<b>GENERAL ELECTIVES.....29 Crs</b>	Honors Curriculum.....40 crs
Creative Arts & Culture (H-level or approved performance course(s))	3 _____	Intro Differential Equations	_____ 3 _____	Language.....6 crs
_____	3 _____	A310 _____ 3 _____	_____	Major.....37 crs
History I H-level _____	3 _____	Linear Algebra	_____	Adjuncts.....8 crs
History II (H-level, HIST-A/Q/P200+ course, or AP credit)	3 _____	A320 _____ 3 _____	_____	General Elective.....29 crs
_____	3 _____	Math Probability	_____	<b>Total.....120 crs</b>
Literature H-level _____	3 _____	A340 _____ 3 _____	_____	Honors requirements are governed by the catalog year that a student is admitted.
Mathematics A257 or H257 Calculus I	4 _____	Statistics Theory & Methods	_____	<i>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.</i>
Physics A101/A103 Intro Mechanics /Lab	4/1 _____	A341 _____ 3 _____	_____	
Philosophy I H-level _____	3 _____	Abstract Algebra I	_____	<i>Use your Academic Progress Report (LORA &gt; Student Records Menu &gt; Academic Progress Report link) to keep this document updated.</i>
Philosophy II (H-level or PHIL-U/W200+ course)	3 _____	A400 _____ 3 _____	_____	
Religious Studies I H-level _____	3 _____	Advanced Calculus I	_____	
Religious Studies II (H-level or 200+ RELS course)	3 _____	A410 _____ 3 _____	_____	
<b>Honors Thesis Sequence</b>		Advanced Calculus II	_____	
Research Project MATH A498 (3 crs. in the major)	<input type="checkbox"/>	A411 _____ 3 _____	<b>*Language placement level _____ (Spoken or Classical)</b>	
<sup>1</sup> 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		Math Elect* _____ 3 _____	Placement Course _____ 3 _____	
<b>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.</b>		Math Elect* _____ 3 _____	Higher Course _____ 3 _____	
Honors GPA: Must achieve 3.3 in Major, Minor (if declared), and Loyola cumulative.		*A300-400 level, except A375	*No experience? Take A100+101 in same language. 6	
			If placement is A101, take A101+200, etc. or start new language w/A100.	
			Fluency above A201 not req'd: If Place at 201, take 201 + 3 crs General Elective instead.	
			See Latin/Greek Bulletin for Classical course-progression.	