

Degree Program Course List (DPCL) of major requirements for students entering Loyola in 2020-21: NOT AN OFFICIAL RECORD - FOR ADVISING USE ONLY

NAME: _____ **B.S. COMPUTATIONAL MATHEMATICS - MATC (CIP 27.0303)** **DATE:** _____

English Composition Placement: ACT ENGL score 21 or above SATR-EBRW score 500 or above Register for ENGL-T122 _____		Mathematics Placement: See current Bulletin for Criteria, and see Academic Progress Report/U-Achieve for LUPL scores. _____ Register MathA257/Calculus I _____ Register MathA118/Pre-Calculus _____ Register MathA110 & A111		MAJOR.....37 Crs Intro Linear Algebra A200 _____ 3 _____		ADJUNCT.....11 Crs Intro to Programming I Cosc A211 _____ 3 _____		Use your Academic Progress Report (LORA > Student Records menu > Academic Progress Report) to keep this document updated.
ACT ENGL score 20 or below SATR-EBRW score 499 or below Register for ENGL-A100 _____		Calculus I A257 (See Core/Foundation) _____ 0 _____		Intro to Programming II Cosc A212 _____ 3 _____		See your Academic Progress Report for your requirements, options, & degree-progress. See the Bulletin for course-descriptions. See LORA for course availability by Semester.		
LOYOLA CORE - 42 Credits		Calculus II A258 _____ 4 _____		Sci II: Phys-A102/A104, Electromag & Rel/Lab _____ 4/1 _____			Loyola Core.....42 crs Language.....6 crs Major.....37 crs Adjuncts.....11 crs General Elective.....24 crs Total.....120 crs	
FOUNDATION COURSES Crs/Grade		Calculus III A259 _____ 3 _____		GENERAL ELECTIVES.....24 Crs				
First-Year Seminar T121 _____ 3 _____		Applied Scientific Computing A271 _____ 3 _____		_____ 3 _____				
Engl T122: Critical Reading and Writing _____ 3 _____		Intro Differential Equations A310 _____ 3 _____		_____ 3 _____				
Math A257: Calculus I _____ 4 _____		Math Probability A340 _____ 3 _____		_____ 3 _____				
Sci I: PhysA101/A103 (Intro Mechanics/Lab) _____ 4/1 _____		Statistics Theory & Methods A341 _____ 3 _____		_____ 3 _____				
KNOWLEDGE-VALUE COURSES		Computational Mathematics A375 _____ 3 _____		_____ 3 _____				
Creative Arts and Cultures _____ 3 _____		Advanced Calculus I A410 _____ 3 _____		_____ 3 _____				
Hist I _____ 3 _____		Math Elect* _____ 3 _____		_____ 3 _____				
Hist II _____ 3 _____		Math Elect* _____ 3 _____		_____ 3 _____				
Phil I: Reasoning _____ 3 _____		*A300-400 level		_____				
Phil II: Knowledge & Morality _____ 3 _____		Research Project A498 _____ 3 _____		_____				
Rels I: Christian Traditions _____ 3 _____				_____				
Rels II: World Religions _____ 3 _____				_____				
Social Science _____ 3 _____				_____				
Sci II: (Fulfilled in Adjuncts) _____ 0 N/A _____				_____				
Writing About Literature _____ 3 _____				_____				
27				_____				
*LANGUAGE placement level _____ (Spoken or Classical)				_____				
Placement Course _____ 3 _____				_____				
Higher course _____ 3 _____				_____				
*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.				_____				

Loyola Core requirements are governed by the catalog year that a student is admitted. See Bulletin.

GPA: Must achieve 2.0 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.