

Degree Program Course List (DPCL) of major requirements for students entering Loyola or transferring into the major in 2014-15*

NAME:

B.S. COMPUTATIONAL MATHEMATICS - MATC DATE:

Is English Placement Exam required? _____NO _____YES English Composition Placement is: _____ A100 _____ A105 _____ T122 _____ Exempt 3 credits of T122	Is Math Placement Exam required? _____NO _____YES Math Placement is: _____ A092 _____ A117 _____ A118 _____ A257	MAJOR 37 Crs. Intro Linear Algebra A200 _____ 3 ____ Calculus I A257 (see Intro Comm Curr) ____ Calculus II A258 _____ 4 ____ Calculus III A259 _____ 3 ____ Applied Scientific Computing A271 _____ 3 ____ Intro Differential Equations A310 _____ 3 ____ Math Probability A340 _____ 3 ____ Statistics Theory & Methods A341 _____ 3 ____ Computational Mathematics A375 _____ 3 ____ Advanced Calculus I A410 _____ 3 ____ Math Elective* _____ 3 ____ Math Elective* _____ 3 ____ Research Project A498 _____ 3 ____ *A300-A400 level	ADJUNCT 6 Crs. Intro to Programming I Cosc A211 _____ 3 ____ Intro to Programming II Cosc A212 _____ 3 ____ GENERALECTIVES 21 Crs. _____ 3 ____ _____ 3 ____ _____ 3 ____ _____ 3 ____ _____ 3 ____ _____ 3 ____	REQUIREMENTS ACROSS THE CURRICULUM (RAC) Note: <i>Cannot</i> be satisfied with an Intro Comm Curr course Catholic Tradition _____ Diversity _____ Premodern _____
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COMMON CURRICULUM - 56 Credits

INTRODUCTORY COMMON CURRICULUM (ICC) Crs. Grade

First-Year Seminar T121 _____	3	____
Engl T122: Critical Reading and Writing _____	3	____
Math A257: Calculus I _____	4	____
Hist T122: Global Hist I <i>or</i> Hist T124: Global Hist II* _____	3	____
*Choice here determines Hist II ACC course		
Phil T122: Philosophy of Human Person _____	3	____
Rels T122: Relig of World <i>or</i> Rels T124: Christianity & Soc _____	3	____
Scie I: Phys-A101/A103, Intro Mechanics / Lab _____	4 + 1	____
	24	

ADVANCED COMMON CURRICULUM (ACC)

Writing About Literature _____	3	____
Hist II: ACC _____	3	____
*Modern or Premodern depending on Hist I		
Phil II: Foundation of Knowledge _____	3	____
Rels II: ACC _____	3	____
Creative Arts and Cultures _____	3	____
Social Science _____	3	____
Scie II: Phys-A102/A104, Electromag & Relativity / Lab _____	4 + 1	____
Foundational Ethics _____	3	____
	26	

LANGUAGE Placement level _____

Placement course _____	3	____
Higher course _____	3	____
	6	

Courses include spoken language A100, A101, A200, A201 or Classical language A100, A101, A250, A251-A499.

Students are not required to take language above the A201 level.

Common Curr.	50 crs.
Comm Curr Lang.	6 crs.
Major	37 crs.
Adjunct	6 crs..
General Elect.	21 crs.
Total	120 Crs.

Courses used in the major cannot also be used to satisfy requirements for a minor.

GPA: Must achieve 2.0 in Major, Minor (if declared), and Loyola cumulative.

Math-A092 will not be used in total credits needed for degree.

Use space for comments or for Minor Check-off.

***Note: Common Curriculum requirements are governed by the catalog year that a student is admitted.**