Degree Program Course List (DPCL) of major requirements for students entering Loyola or transferring into the major in 2013-14*

NAME:

B.S. COMPUTATIONAL MATHEMATICS - MATC DATE:

Is English Placement Exam required?	Is Math Placement Exam required?	MAJOR43 Crs.	GENERAL ELECTIVES 16 Crs.	REQUIREMENTS ACROSS
NO YES	NO YES	Intro Linear Algebra		THE CURRICULUM (RAC)
English Composition Placement is:		A200 3	3	Note: Cannot be satisfied with an Intro Comm Curr course
A100	Math Placement is: A092	Intro to Programming I	3	
A105	A117	Cosc A211 3		Catholic Tradition
T122 Exempt 3 credits of T122	A118 A257	Intro to Programming II	3	Diversity
	1237	Cosc A212 3	3	Premodern
COMMON CURRICULUM - 61 Credits		Calculus I A257 (see Intro Comm Curr)		Use space for comments or for
INTRODUCTORY COMMON CURRICULUM (ICC) Crs. Grade		Calculus II		Minor Check-off.
First-Year Seminar T1213		A258 4	11	
Engl T122: Critical Reading and Writing3		Calculus III		
Math A257: Calculus I4		A259 3		
Hist T122: Global Hist I or Hist T124: Global Hist II* 3		Applied Scientific Computing		
*Choice here determines Hist II ACC course		A271 3		
Phil T122: Philosophy of Human Person33		Intro Differential Equations		
Rels T122: Relig of World <i>or</i> Rels T124: Christianity & Soc _3		A310 3		
Scie I: Phys-A101/A103, Intro Mechanics / Lab 4 + 1		Math Probability A340 3		
ADVANCED COMMON CURRICULUM (ACC)		Statistics Theory & Methods		
Writing About Literature3		A341 3		
Hist II: ACC3		Computational Mathematics		
*Modern or Premodern depending on Hist I		A375 3		
Phil II: Foundation of Knowledge3		Advanced Calculus I		
Rels II: ACC33		A410 3		
Creative Arts and Cultures2		Math		
Social Science3		Elective* 3		
Scie II: Phys-A102/A104, Electromag &	Relativity / Lab 4 + 1	Math		
Foundational Ethics		Elective* 3		
LANGUAGE Placement level		Research Project		
LANGUAGE Placement level		A498 3	Courses used in the major cannot	
	33	*A300-A400 level	also be used to satisfy requirements for a minor.	
		Common Curr 49 crs.		
		Comm Curr Lang 12 crs.	GPA: Must achieve 2.0 in Major, Minor (if declared), and Loyola cumulative.	*Note: Common Curriculum
	<u>5</u>	Major		requirements are governed by the catalog year that a student
Spoken languages A100, A101, A200, A2		Total120 Crs.	Math-A092 will not be used in total credits needed for degree.	is admitted.
Classical languages A100, A101, A250, A251-A499			and a degree.	13-14

Revised: 02/13/12