

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

NAME:

B.S. PHYSICS - PHYS

DATE:

Is English Placement Exam required? _____ NO _____ YES	Is Math Placement Exam required? _____ NO _____ YES
English Composition Placement is: _____ A100 _____ A105 _____ T122 _____ Exempt 3 credits of T122	Math Placement is: _____ A092 _____ A117 _____ A118 _____ A257

COMMON CURRICULUM - 51 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: Chem A105/A107, General Chemistry I / Lab _____	<u>3 + 1</u>	_____
	23	

ADVANCED COMMON CURRICULUM (ACC)

Writing About Literature _____	3	_____
Hist II: ACC _____	3	_____
*Modern or Premodern depending on Hist I		
Phil II: Foundations of Knowledge** _____	3	_____
Rels II: ACC** _____	3	_____
**Phil II <i>or</i> Rels II must be an ethics-based course to satisfy Found'l Ethics		
Creative Arts and Cultures _____	3	_____
Social Science _____	3	_____
Scie II: Chem-A106/A108, General Chemistry II / Lab _____	<u>3 + 1</u>	_____
Foundational Ethics** _____	<u>0</u>	_____
	22	

LANGUAGE Placement level _____

Placement course _____	3	_____
Higher course _____	<u>3</u>	_____
	6	

Courses include spoken language A100, A101, A200, A201; Classical language A100, A101, A250, A251-A499; or Cosc-A211, Cosc-A212, Math-A271

MAJOR 40 Crs.

Intro Mechanics A101 _____	4	_____
Intro Mechanics Lab A103 _____	1	_____
Intro EM & Relativity A102 _____	4	_____
Intro EM Lab A104 _____	1	_____
Intro Waves and Quant. A240 _____	3	_____
Intro Thermal Physics A241 _____	3	_____
Classical Mechanics A340 _____	4	_____
Electricity and Magnetism A350 _____	4	_____
Adv. Laboratory Physics A445 _____	3	_____
Quantum Mechanics A450 _____	4	_____
Adv. Phys Elective* _____	3	_____
Adv. Phys Elective* _____	3	_____
Adv. Phys Elective* _____	3	_____

*A300-A400 level

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

Common Curr.	45 crs.
Comm Curr Lang.	6 crs.
Major	40 crs.
Adjunct	16 crs.
General Elect.	14 crs.
Total	121 Crs.

ADJUNCT 16 Crs.

Intro Linear Algebra Math-A200 _____	3	_____
Calculus II Math-A258 _____	4	_____
Calculus III Math-A259 _____	3	_____
Intro to Differential Equations Math-A310 _____	3	_____
Adv. Math Elective: (<i>Choose one</i>) A350, Differential Equations A410, Advanced Calculus I A415, Complex Variables _____	3	_____

GENERALECTIVES 14 Crs.

_____	3	_____
_____	3	_____
_____	3	_____
_____	3	_____
_____	2	_____

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.

REQUIREMENTS ACROSS THE CURRICULUM (RAC)

Note: *Cannot* be satisfied with an Intro Comm Curr course

Catholic Tradition _____
Diversity _____
Premodern _____

Use space for comments or for Minor Check-off.

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