

**Degree Program Course List (DPCL) of major requirements for students entering Loyola in 2017-18\***

**NAME:**

**B.S. PHYSICS LIBERAL ARTS - PHYL (CIP: 40.0801)**

**DATE:**

English Composition Placement is:	ALEKS MATH COURSE PLACEMENT	<b>MAJOR.....36 Crs</b>	<b>ADJUNCT.....17 Crs</b>	<b>NOTES:</b>
ACT ENGL score 21 or above	76-100, MathA257, Calculus I	Intro to Physics and Engineering	Into Linear Algebra:	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.
SAT Verbal score 501 or above	_____	A120 _____ 1 _____	Math-A200 _____ 3 _____	
Register for ENGL-T122 _____	46-75, MathA118, Pre-Calculus	Intro Mechanics	Calculus II:	GPA: Must achieve 2.0 in Major, Minor (if declared), and Loyola cumulative.
ACT ENGL score 20 or below	_____	A101 _____ 4 _____	Math-A258 _____ 4 _____	
SAT Verbal score 500 or below	0-45, MathA092, Fundamentals of Algebra	Intro Mechanics Lab	Calculus III:	Loyola Core requirements are governed by the catalog year that a student is admitted.
Register for ENGL-A100 _____	_____ (not counted in final degree credits)	A103 _____ 1 _____	Math-A259 _____ 3 _____	
		Intro EM & Relativity	<i>Choose: Chem-A106/108 or Biol-A106/107</i>	
		A102 _____ 4 _____	_____ 3 _____	
		Intro EM Lab	_____ 1 _____	
		A104 _____ 1 _____	Intro Differential Equations:	
		Intro Waves and Quant.	Math-A310 _____ 3 _____	
		A240 _____ 4 _____	<b>GENERAL ELECTIVES.....26 Crs</b>	
		Intro Thermal Physics	_____ 3 _____	
		A241 _____ 3 _____	_____ 3 _____	
		Classical Mechanics	_____ 3 _____	
		A340 _____ 4 _____	_____ 3 _____	
		Electricity and Magnetism	_____ 3 _____	
		A350 _____ 4 _____	_____ 3 _____	
		Adv. Laboratory Physics	_____ 3 _____	
		A445 _____ 3 _____	_____ 3 _____	
		Quantum Mechanics	_____ 3 _____	
		A450 _____ 4 _____	_____ 3 _____	
		Advanced Physics Elective	_____ 2 _____	
		A300-400 level _____ 3 _____		

**LOYOLA CORE - 41 Credits**

**FOUNDATION COURSES**

First-Year Seminar T121 _____	3
Engl T122: Critical Reading and Writing _____	3
Math A257: Calculus I _____	4
Sci I: Chem-A105/A107, General Chemistry I/Lab _____	3+1 4
<b>14</b>	

**KNOWLEDGE/VALUES COURSES**

Creative Arts and Cultures _____	3
Hist I: T122/Emerging World or T124/Modern* _____	3
<i>*Choice determines Hist II course below</i>	
Hist II: _____	3
<i>*If T122 taken above, take HIST Q###; if T124 taken above, take HIST P###</i>	
Phil I: Reasoning _____	3
Phil II: Knowledge and Morality _____	3
Rels I: Christian Theology (any S# course) _____	3
Rels II: World Religions (any V# course) _____	3
Social Science _____	3
Sci II: Chem-A106/108 or Biol-A106/107 (fulfilled in adjunct) _____	0
Writing About Literature _____	3
<b>27</b>	

Loyola Core.....	41 crs
Major.....	36 crs
Adjunct .....	17 crs
General Elective.....	26 crs
<b>Total .....</b>	<b>120 crs</b>