

Degree Program Course List (DPCL) of major requirements for students entering Loyola in 2020-21

NAME:		B.S. PHYSICS - PHYS (CIP: 40.0801)		DATE:
English Composition Placement is:	Math Placement is:	MAJOR.....42 Crs	ADJUNCT.....20 Crs	NOTES:
ACT ENGL score 21 or above	ACT – 25 or above, SAT – 620 or above, or AP Calculus exam - 3	Intro to Physics and Engineering	Intro Linear Algebra	
SAT Verbal score 500 or above	Register for Math A257 _____	A120 _____ 1 _____	Math-A200 _____ 3 _____	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.
Register for ENGL-T122 _____	ACT 19-24, SAT 500-610, SAT 500-610 or AP Statistics exam – 4 or above	Intro Mechanics	Calculus II	
ACT ENGL score 20 or below	Register for Math A118 _____	A101 _____ 4 _____	Math-A258 _____ 4 _____	GPA: Must achieve 2.0 in Major, Minor (if declared), and Loyola cumulative.
SAT Verbal score 499 or below	Otherwise	Mechanics Lab	Calculus III	
Register for ENGL-A100 _____	*Register for Math A110 & A111 _____	A103 _____ 1 _____	Math-A259 _____ 3 _____	Loyola Core requirements are governed by the catalog year that a student is admitted.
LOYOLA CORE - 41 Credits		Intro EM & Relativity	General Chem II	
		A102 _____ 4 _____	Chem-A106 (Lec) _____ 3 _____	Use your Academic Progress Report (LORA > Student Records Menu > Academic Progress Report) to keep this document updated.
		EM Lab	Chem-A108 (Lab) _____ 1 _____	
FOUNDATION COURSES		A104 _____ 1 _____	Intro Differential Equations	Adv. Math or Comp. Sci. course approved by advisor: Math A200 - A400 or COSC ###
First-Year Seminar T121 _____ 3 _____		Intro Waves and Quant.	Math-A310 _____ 3 _____	
Engl T122: Critical Reading and Writing _____ 3 _____		A240 _____ 4 _____		GENERAL ELECTIVES.....17 Crs
Math A257: Calculus I _____ 4 _____		Intro Thermal Physics		
Sci I: Chem-A105/A107, General Chemistry I/Lab _____ 3+1_ 4 _____		A241 _____ 3 _____		Loyola Core.....41 crs
		Classical Mechanics		
		A340 _____ 4 _____		Major.....42 crs
KNOWLEDGE/VALUES COURSES		Electricity and Magnetism		
Creative Arts and Cultures _____ 3 _____		A350 _____ 4 _____		Adjunct.....20 crs
Hist I: (any T# course) _____ 3 _____		Adv. Laboratory Physics		
Hist II: (any Q# course) _____ 3 _____		A445 _____ 3 _____		General Elective....17 crs
Phil I: Reasoning _____ 3 _____		Quantum Mechanics		
Phil II: Knowledge and Morality _____ 3 _____		A450 _____ 4 _____		Total.....120 crs
Rels I: Christian Tradition (any S# course) _____ 3 _____		Advanced Physics Elective*		
Rels II: World Religions (any V# course) _____ 3 _____		_____ 3 _____		
Social Science _____ 3 _____		Advanced Physics Elective*		
Sci II: Chem-A106/108 (fulfilled in adjunct) _____ 0 _____		_____ 3 _____		
Writing About Literature _____ 3 _____		Advanced Physics Elective*		
		_____ 3 _____		
		*A300-400 level		