

Degree Program Course List (DPCL) of major requirements for students entering Loyola in 2019-20

NAME:

B.S. BIOPHYSICS PRE-HEALTH - BPPH (CIP: 40.0801)

DATE:

English Composition Placement is:	Math Placement is:	MAJOR.....35 Crs	ADJUNCT.....35 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	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 500 or above	Register for Math A257 _____	A120 _____ 1 _____	Math-A200 _____ 3 _____	
Register for ENGL-T122 _____	ACT 19-24, 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 _____	
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 _____	GPA: Must achieve 2.0 in Major, Minor (if declared), and Loyola cumulative.
		Intro EM & Relativity	Intro Differential Equations	
		A102 _____ 4 _____	Math-A310 _____ 3 _____	
		EM Lab	Cells & Heredity:	
		A104 _____ 1 _____	Biol-A106 - Lec _____ 3 _____	
		Intro Waves and Quant.	Biol-A107 - Lab _____ 1 _____	Loyola Core requirements are governed by the catalog year that a student is admitted.
		A240 _____ 4 _____	Biol of Organisms:	
		Intro Thermal Physics	Biol-A108 - Lec _____ 3 _____	
		A241 _____ 3 _____	Biol-A109 - Lab _____ 1 _____	
		Classical Mechanics	General Chemistry II:	
		A340 _____ 4 _____	Chem-A106 - Lec _____ 3 _____	Use your Academic Progress Report (LORA > Student Records Menu > Academic Progress Report) to keep this document updated.
		Choose one:	Chem-A108 - Lab _____ 1 _____	
		Electricity and Magnetism -A350 <i>or</i>	Organic Chem I	
		Quantum Mechanics - A450	Chem-A300 _____ 3 _____	
		_____ 4 _____	Organic Chem I - Lab	
		Adv. Laboratory Physics	Chem-A310 _____ 1 _____	*Biophysics Electives: PHYS A365, A436, or A437
		A445 _____ 3 _____	Organic Chem II	
		*Choose two Biophysics Electives:	Chem-A301 _____ 3 _____	
		_____ 3 _____	Additional Advanced BIOL, CHEM, COSC, MATH or PHYS elective approved by advisor	
		_____ 3 _____	**See sidebar for options ----->	
			_____ 3 _____	** Choose From: BIOL A3xx - A4xx, CHEM A3xx - A4xx, COSC A2xx - A4xx, MATH A2xx - A4xx, or PHYS A3xx - A4xx (Any course chosen here must not already be on DPCL)
		Loyola Core.....41 crs	GENERAL ELECTIVE.....9 Crs	
		Major.....35 crs	_____ 3 _____	
		Adjunct35 crs	_____ 3 _____	
		General Elective.....9 crs	_____ 3 _____	
		Total120 crs		

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 _____

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KNOWLEDGE/VALUES COURSES

Creative Arts and Cultures _____ 3 _____

Hist I: _____ 3 _____

Hist II: _____ 3 _____

Phil I: Reasoning _____ 3 _____

Phil II: Knowledge and Morality _____ 3 _____

Rels I: Christian Tradition (any S# course) _____ 3 _____

Rels II: World Religions (any V# course) _____ 3 _____

Social Science _____ 3 _____

Sci II: Chem-A106/108 (fulfilled in adjunct) _____ 0 _____

Writing About Literature _____ 3 _____

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