

Biology/Physics Interdisciplinary Major

Revised July 13, 2021

Name _____

Class of _____

CORE COURSES *(See catalogue for detailed specifications.)*

Class of 2022, 2023 (17 courses)	Class of 2024, 2025 and later (15 courses)
Composition (1)	Composition (1)
English (2)	EN 101 (1)
Fine Arts (1)	Fine Arts (1)
History (2)	HS 100 (1)
Philosophy (2)	PL 201 (1)
Ethics (1)	Ethics (1)
Language (1)	Language (1)
Theology (2)	TH 201 (1)
Social Science (2)	Social Science (2)
Math. Sci. (1) See below.	EN 2xx or HS 3xx (1)
Nat. Sci. (2) See below.	PL 2xx or TH 2xx (1)
	Math. Sci. (1) See below.
	Nat. Sci (2) See below.

In addition to the core curriculum outlined above, all students must complete the Loyola College diversity requirement.

BIOLOGY AND PHYSICS FOUNDATION COURSES (5 courses)

Intro to Cellular and Molecular Biology + lab	BL118 _____	BL119 _____
Organismal Biology + lab	BL121 _____	BL126 _____
Ecology, Evolution and Biodiversity + lab	BL201 _____	BL202 _____
General Physics I + lab	PH201 _____	PH291 _____
General Physics II + lab	PH202 _____	PH292 _____

(Intro Physics I, II (PH101, 102, 191, 192) can count in lieu of PH 201, 202, 291, 292 with special permission of Physics Chair.)

NATURAL SCIENCE AND MATH COURSES (7 courses)

General Chemistry I + lab	CH101 _____	CH105 _____
General Chemistry II + lab	CH102 _____	CH106 _____
Organic Chemistry I + lab	CH301 _____	CH307 _____
Organic Chemistry II + lab	CH302 _____	CH308 _____
Calculus I	MA251 _____	
Calculus II	MA252 _____	
Calculus III	MA351 _____	

UPPER LEVEL COURSES IN EITHER BIOLOGY OR PHYSICS (2 courses)

BL200+ or PH 300+ elective (List course _____)
BL200+ or PH 300+ elective (List course _____)

UPPER LEVEL BIOLOGY COURSES (3 courses + 2 labs min)

BL 200+ elective plus lab (List course & lab _____)
BL 300+ elective plus lab (List course & lab _____)
BL 300+ elective (List course _____)

*BL 434, 341/342 and 431/433 are recommended electives.

UPPER LEVEL PHYSICS COURSES (4 courses + 2 cr lab min)

Mathematical Methods in Physics PH307 _____
Thermodynamics PH317 _____
Modern Physics PH312 _____
PH 300+ elective (List course _____)
PH lab (PH 293/294 or PH 397) (List course _____)

*PH 316, 415 and 417 are recommended electives.

ELECTIVES (5 courses)

Class of 2022, 2023	Class of 2024, 2025 and later
Restricted electives (<i>cannot be BL or PH courses</i>)	Free electives
1)	1)
2)	2)
3)	3)
	4)
Free electives	5)
1)	
2)	

Recommended electives: MA304 (Diff. Eq.), CS 201, CS Bioinformatics (if offered)
Recommended free elective: PH or BL Research

MINOR REQUIREMENTS (if any) _____

1) _____ 4) _____ 7) _____
2) _____ 5) _____ 8) _____
3) _____ 6) _____

Note: First V. 3/31/06. V. 4/8/10 contains updated language requirement. V. 7/13/21 contains new core and 38-course requirement.