

PHYSICS and ASTRONOMY		
Biological Physics Option - BA (120 hours) Effective 2019-2020		
NAME	PID	Optional 2 nd Major or Minor

FOUNDATIONS

English Comp. and Rhetoric	Foreign Language*		Quant. Reas. (QR)	Lifetime Fitness (LFIT)
	1.	3.	MATH 231	(1 hr.)
	2.	4.		

* Through Level 3

APPROACHES

Phys. and Life Sciences (PL/PX)	Social and Behavioral Sciences **	Humanities/Fine Arts
PHYS 118 (#)	Hist. Analysis (HS):	Vis. & Perf. Arts (VP):
PHYS 119 (#)	Soc. Sci./Hist. Analysis (SS/HS):	Literary Arts (LA):
	Soc. Sci./Hist. Analysis (SS/HS):	Phil. Reasoning (PH):

** From at least two departments

CONNECTIONS

Communication Int. (CI)	Quant. Int. (QI) or 2nd Quant. Reas. (QR)	Experiential Ed. (EE)	Global Issues (GL)
PHYS 281L	MATH 232		
US Diversity (US)	North Atlantic World (NA)	World before 1750 (WB)	Beyond the NA (BN)

SUPPLEMENTAL EDUCATION Cannot be a course from the major department or any course used to satisfy major requirements. May only double with Connections. A second major or minor, once completed, meets Supplemental Ed. **Courses must be 3 hours or more.**

1. >199	2. >199	3. >199
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MAJOR/MINOR/ELECTIVES

Additional Requirements (#)		PHYSICS Core Requirements ♦ (8 courses)				
BIOL 101	MATH 233	PHYS 118 (#)	PHYS 331			
CHEM 101 CHEM 101L	MATH 383	PHYS 119 (#)	PHYS 405 (F)			
CHEM 102 CHEM 102L	(##)	PHYS 201 (S) or 401	PHYS/BMME 441 (F) or CHEM 481			
MATH 231		PHYS 211 (F) or 311	PHYS 585 (capstone)			
MATH 232		PHYS 281L (#)				

♦ 18 hours ≥ C (not C-) required in Core Requirements. No more than 45 hours of PHYS courses will count toward the degree. Substitutions for required physics courses require approval of the Director of Undergraduate Studies.

(#) Should ideally be taken prior to the Junior year. Consult the suggested course of study.

(##) Six additional credits chosen from BIOL (numbered above 200); CHEM 261, 262, 430; PHYS (numbered above 200)

PHYS 201 is offered in the spring only; PHYS 211, 405, and 441 are offered in the fall only.

Remaining courses after this term:	Hours to be deducted:	Hours Tally:	Notes:
___ Foundations	Repeated courses	Hours to date: ___	
___ Approaches	HSFL	Hours in progress ___	
___ Connections	Online Courses > 24	Pending Study Abroad* ___	
___ Supplemental	Other	Subtotal ___	
___ (hrs C ___)	Professional School > 30	Hours deducted ___	
___ (hrs C ___)	Hours in subject (BA) > 45	Hours after this term ___	
___ (hrs C ___)	Total	Hours remaining to grad ___	
___ Requirements subtotal		Semesters left ___	
___ Total			
		<i>*Pending study abroad hours may differ from hours earned.</i>	

This tally assumes successful completion of presently enrolled courses (not AB or IN), and it does not account for all possible overlaps