

PHYSICS and ASTRONOMY
Biological Physics Option - BA (120 hours) Effective 2014

NAME	PID	Optional 2 nd Major or Minor
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FOUNDATIONS

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

* 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): Soc. Sci./Hist. Analysis (SS/HS):	Literary Arts (LA): 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 119 (#)	PHYS 331			
CHEM 101 CHEM 101L	MATH 383		PHYS 405			
CHEM 102 CHEM 102L	PHYS 118					
MATH 231	(##)	PHYS 281L (#)	PHYS 585 (capstone)			
MATH 232	(##)					

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

♦ 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.

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

Date/Advisor:			
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 _____	Subtotal _____	
____ Supplemental _____	Online in Major/minor > 6 _____	Hours deducted _____	
____ (hrs C____) _____	Professional School > 24 _____	Hours after this term _____	
____ (hrs C____) _____	Hours in subject (BA) > 45 _____	Hours remaining to grad _____	
____ (hrs C____) _____	Total _____	Semesters left _____	
Requirements subtotal _____			
Total _____		*Include pending study abroad hours	

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