

PHYSICS and ASTRONOMY
Astronomy Option – BA (120 hours) **Effective 2017-2021**

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
--	---------	---------	---------

MAJOR/MINOR/ELECTIVES

Additional Requirements (#)	PHYSICS/ASTRONOMY ♦ Core Requirements (8 courses)					
ASTR 101 ASTR 101L or 111L	MATH 232	PHYS 118 (#)	PHYS 331			
ASTR 202 (Fall only)	MATH 233	PHYS 119 (#)	(##)			
		PHYS 201 (S) or 401	(##)			
MATH 231	MATH 383	PHYS 211 (F) or 311	(###)			
		PHYS 281L (#)	(###)			

♦ 2.0 OR HIGHER GPA REQUIRED IN MAJOR AND MINOR CORE COURSES

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 ASTR (numbered above 300)

(###) Three additional credits chosen from ASTR (numbered above 300); PHYS 231 (Spring only), 295, 395, 585, 691H, 692H PHYS 201 is offered in the Spring only; PHYS 211 is 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	
_____	Professional School > 30	Hours deducted	
_____	Hours in subject (BA) > 45	Hours after this term	
_____	Total	Hours remaining to grad	
_____ Requirements subtotal		Semesters left	
_____ Total			

*Pending study abroad hours may differ from hours earned.

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