

PHYSICS and ASTRONOMY Astronomy Option – BA (120 hours)		
Effective 2017-2020		
NAME	PID	Optional 2 <sup>nd</sup> 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/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 (#)				

♦ 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 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

<b>Remaining courses after this term:</b> ___ Foundations ___ Approaches ___ Connections ___ Supplemental ___ (hrs C ___) ___ (hrs C ___) ___ (hrs C ___) Requirements subtotal ___ <b>Total</b>	<b>Hours to be deducted:</b> Repeated courses HSFL Online courses > 24 Other Professional School > 30 Hours in subject (BA) > 45 Total	<b>Hours Tally:</b> Hours to date: Hours in progress Pending Study Abroad* Subtotal Hours deducted Hours after this term Hours remaining to grad Semesters left  <i>*Pending study abroad hours may differ from hours earned.</i>	<b>Notes:</b>
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This tally assumes successful completion of presently enrolled courses (not AB or IN), and it does not account for all possible overlaps