

**PHYSICS and ASTRONOMY**  
**Astrophysics Option BS (123 hours)** **Effective 2017-2018**

NAME	PID	Optional 2 <sup>nd</sup> Major or Minor
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**FOUNDATIONS**

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

\*Recommended: ENGL 1051 (Writing in the Natural Sciences)      \*\* 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 2 <sup>nd</sup> 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)

**MAJOR/MINOR/ELECTIVES**

Other Requirements	PHYSICS ♦ Core Requirements (14 courses)				
ASTR 202(#)(F)	PHYS 281L(#)	PHYS 412 (S)			
MATH 231(#)	PHYS 311 (F)#	PHYS 441 (F)			
	PHYS 321 (S)	PHYS 521 (F)			
MATH 232(#)	PHYS 331 (4) (#)	ASTR 519			
MATH 233(#)	PHYS 351 (F)	PHYS 395 or 692H (##)			
MATH 383(#)					
CHEM 101 CHEM 101L(#) <sup>¥</sup>	PHYS 358 (F)	♦♦			
PHYS 118(#)	PHYS 401 (S)	♦♦♦			
PHYS 119(#)	♦ 18 hours of C or higher grades (not C-) required in PHYS core requirements. Advantageous to defer some of the General Education requirements to the junior and/or senior year(s).				

(#) These courses should be taken prior to the Junior year. Consult the suggested course of study.

(##) Optional for UNC-BEST students

<sup>¥</sup> CHEM 102/CHEM 102L are recommended but not required.

♦♦ One additional course chosen from ASTR (numbered above 300).

♦♦♦ One additional course chosen from ASTR (numbered above 300); ENGL 303; MATH 528, 529; PHYS 231.

PHYS 202, 311, 351, 358, 441, and 521 are only offered in the fall; PHYS 231, 321, 401, 412 are only offered in the spring.

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) > 4 5 _____	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**