

PHYSICS and ASTRONOMY
Energy Option - BA (120 hours) Effective 2012-2013

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. _____	MATH 231	(1 hr.)
	2. _____		
	3. _____		
	4. _____		

* Through Level 3

APPROACHES

Phys. and Life Sciences (PL/PX)	Social and Behavioral Sciences **	Humanities/Fine Arts
PHYS 116 (#)	Hist. Analysis (HS):	Vis. & Perf. Arts (VP):
PHYS 117 (#)	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)
	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 (6 courses)			
MATH 231 (#)	CHEM 102 (#)	PHYS 131 PHYS 131L			
MATH 232 (#)	CHEM 261 (#)				
MATH 233 (#)	CHEM 481	PHYS 331			
MATH 383 (#)	PHYS 116 (#)	PHYS 351			
APPL 150	PHYS 117 (#)	(##)			
BIOL 101 (#)	PHYS 128	(##)			
CHEM 101 (#)	PHYS 128L				
CHEM 101L (#)					

(#) 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.

(##) Two capstone courses, tentatively PHYS 391.001 and 391.002

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