PHYSICS and ASTRONOMY
Energy Option - BA (120 hours) Effective 2017-2020

NAME	PID	Optional 2nd Major or Minor

FOUNDATIONS

Math PL

English Comp. and Rhetoric	Foreign Language*		Quant. Reas. (QR)	Lifetime Fitness (LFIT)
ENGL 105	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)
	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♦ Core Requirements (9 courses)		Optional Minor	Electives/Minor	Electives
MATH 231(#)	CHEM 101 101L(#)	PHYS 118(#)	PHYS 211 (F) or 311			
MATH 232(#)	CHEM 102(#)	PHYS 119(#)	PHYS 331			
MATH 233(#)	CHEM 261(#)	PHYS 131 (#) (S)	PHYS 351 (F)			
MATH 383(#)	CHEM 481	PHYS 131L or 281L(#)	PHYS 581 or 582			
BIOL 101 BIOL 101L (#)		PHYS 201 (S) or 401				
BIOL 202 or 271(#)						

♦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
PHYS 131 and 201 are offered only in the spring; PHYS 211 and 351 are offered only in the fall.

Remaining courses after this term:

____	Foundations	_____
____	Approaches	_____
____	Connections	_____
____	Supplemental	_____
____	First Major (hrs C____)	_____
____	Major/Minor (hrs C____)	_____
____	Minor (hrs C____)	_____
	Requirements subtotal	**0**
____	Electives/Other	_____
	Total	**0**

Hours to be deducted:

Repeated courses	_____
HSFL	_____
Online courses > 24	_____
Other	_____
Professional School > 30	_____
Hours in subject (BA) > 45	_____
Total	**0**

Hours Tally:

Hours to date:	_____
Hours in progress	_____
Pending Study Abroad*	_____
Subtotal	**0**
Hours deducted	**0**
Hours after this term	**0**
Hours remaining to grad	_____
Semesters left	_____

Pending study abroad hours may differ from hours earned.

Notes:

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

April 23, 2020