

Major Academic Plan

Catalog Year: 2021-22

Degree	B.S.
Major:	Physics (Astronomy)

Major Academic Plans (MAP) show a general recommended pathway to graduation. Meet with your major advisor each semester to discuss your progress and degree plan for future semesters. Consult the HSU catalog for complete list of major program courses. See the current schedule of classes for courses offered in General Education, American Institutions, and Diversity & Common Ground requirements.

The online registration tutorial during orientation will help you:

- determine your CSU designated math "[placement category](#)" (1, 2, 3 or 4)
- choose your English class(es) through a similar self-directed process
- choose your Math class(es) based on your major and category information as described in the online registration tutorial

Total units required		120
First Year Fall (Semester 1)		
Requirements Met:	Course	Units
GE Area A: Written Communication	ENGL 102* or ENGL 104 (+ optional ENGL 110)	3
Major & GE Area B: Mathematics	MATH 109**	4
Major & GE Area B: Physical Science	CHEM 109	5
GE Area E: Lifelong Learning	SCI 100	3
Semester Total:		15

**If ENGL 102 is selected, students must complete ENGL 103 in semester 2. Adjust spring courses in consultation with an advisor.*

***Prerequisite of MATH 102 or (MATH 101 & 101T) or placement into calculus. See [placement categories](#) for more information. Students not yet eligible to take MATH 109 should consult with an advisor for course sequencing information.*

First Year Spring (Semester 2)		
Requirements Met:	Course	Units
GE Area F: Ethnic Studies & DCG Domestic	NAS 104	3
Major (Core)	MATH 110	4
Major (Core)	CHEM 110	5
Major (Core)	PHYX 109	4
Semester Total:		16

Second Year Fall (Semester 3)		
Requirements Met:	Course	Units
GE Area A: Oral Communication	COMM 100	3
Major (Core)	MATH 210	4
Major (Core)	MATH 241	3
Major (Core)	PHYX 210	4
Semester Total:		14

Second Year Spring (Semester 4)		
Requirements Met:	Course	Units
GE Area A: Critical Thinking		3
Major (Core)	MATH 313	4
Major (Core)	PHYX 211	4
Major (Core)	PHYX 340	2
American Institutions/GE Area D: Social Science		3

	Semester Total:	16
To Do: Register for the GWPE		
Third Year Fall (Semester 5)		
Requirements Met:	Course	Units
American Institutions		3
Major (Core)	MATH 311	2
Major (Core)	PHYX 320	3
GE Area C: Arts		3
GE Area D: Social Science		3
	Semester Total:	14
Third Year Spring (Semester 6)		
Requirements Met:	Course	Units
Major (Concentration)	PHYX 324	4
Major (Core)	PHYX 325	4
Major (Concentration)	PHYX 310*	3
GE Area C: Humanities		3
	Semester Total:	14
Fourth Year Fall (Semester 7)		
Requirements Met:	Course	Units
Major (Core)	PHYX 441	3
Major (Core)	PHYX 450	4
Major (Concentration)	PHYX 360*	4
Major (Core)	PHYX 484	0.5
GE Area C: Arts or Humanites		3
	Semester Total:	14.5
Fourth Year Spring (Semester 8)		
Requirements Met:	Course	Units
Major (Core)	PHYX 361#	4
Major (Core)	PHYX 442	3
Major (Core)	PHYX 485	0.5
UD GE Area C		3
UD GE Area D & DCG		3
GE Area B: Life Science	BIOL 102	3
	Semester Total:	16.5
Notes		
* - only offered on even years		
# - only offered on odd years		
GE modifications in this major - the Upper Division Area B General Education requirement is met by the coursework within the Bachelor of Science degree for either option in the Physics major.		