

Major/Degree: Physics BS: Astronomy Concentration

Units for the major: 77 Total: 120 units are required for a BS degree

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. This MAP is based on the **2020-21** catalog.

**Freshman Year**

Fall (semester 1)			Spring (semester 2)		
Description	Course	Units	Description	Course	Units
LD GE A1 [1]	ENGL 104	3	LD GE D; DCG-d	NAS 104	3
LD GE B: Math; Major	MATH 109	4	Major [Core]	MATH 110	4
LD GE B: Phys; Major	CHEM 109	5	Major [Core]	CHEM 110	5
LD GE E	SCI 100	3	Major [Core]	PHYX 109	4
Semester Total: 15			Semester Total: 16		

**Sophomore Year**

Fall (semester 3)			Spring (semester 4)		
Description	Course	Units	Description	Course	Units
Major [Core]	MATH 210	4	Major [Core]	MATH 241	3
Major [Core]	PHYX 210	4	Major [Core]	PHYX 320	3
Major [Core]	PHYX 211	4	Major [Core]	PHYX 340	2
LD GE A3 [1]		3	American Institutions [2]		3
			LD GE A2 [1]	COMM 100	3
Semester Total: 15			Semester Total: 14		

**Junior Year**

Fall (semester 5)			Spring (semester 6)		
To Do: Apply to graduate.			To Do: Take the GWPE.		
Description	Course	Units	Description	Course	Units
Major [Core]	MATH 311	2	Major [Concentration]	PHYX 361	4
Major [Core]	MATH 313	4	Major [Core]	PHYX 441	3
Major [Concentration]	PHYX 360	4	LD GE C1 [4]		3
Major [Core]	PHYX 324	3	LD GE C2 [4]		3
American Institutions		3	LD GE C1 or C2 [4]		3
Semester Total: 16			Semester Total: 16		

**Senior Year**

Fall (semester 7)			Spring (semester 8)		
			To Do: Register for commencement.		
Description	Course	Units	Description	Course	Units
Major [Core]	PHYX 442	3	Major [Core]	PHYX 325	4
Major [Core]	PHYX 450	4	Major [Core]	PHYX 485	0.5
Major [Concentration]	PHYX 310	3	LD GE B: Life Forms		3
Major [Core]	PHYX 484	0.5	UD GE C [4]		3
LD GE D [4]		3	UD GE D [4]		3
			Elective		2
Semester Total: 13.5			Semester Total: 15.5		

A1=Written Communication; A2 = Oral Communication; A3 = Critical Thinking; C1 = Arts; C2 = Humanities;

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**Notes**

[1] Requirement: Complete LD GE A1, A2, A3 & B: Math with C- or higher in each course; Complete by 60 units earned.

[2] One American Institution course will also count for LD GE D.

[3] Science Lab Requirement: Take one science course with a lab.

[4] Complete 2 DCG courses, (one must be domestic) with courses that also meet GE.

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