

Major Academic Plan

Catalog Year: 2021-22

Degree

B.S.

Major:

**Environmental Science and Management,
Energy and Climate concentration**

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 completed 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)	3-4
Major & GE Area B: Mathematics	MATH 101 or (MATH 101i & MATH 1**)	3-4
Major & GE Area E: Lifelong Learning	SCI 100	3
Major & GE Area B: Life Science	BOT 105	4
Elective		1
Semester Total:		14-16
<i>*If ENGL 102 is selected, students must complete ENGL 103 in semester 2. Adjust spring courses in consultation with an advisor.</i>		
<i>**Credit earned for math support course does not count toward unit requirements for graduation, GE or major.</i>		
First Year Spring (Semester 2)		
Requirements Met:	Course	Units
Major & GE Area D: Social Science	ESM 105	3
Major & GE Area D: Social Science	GSP 101/L	3
Major (Concentration)	MATH 101T	3
American Institutions/DCG Domestic	NAS 200	3
Elective		2
Semester Total:		14
Second Year Fall (Semester 3)		
Requirements Met:	Course	Units
Major (Concentration)	PHYX 106	4
Major (Concentration)	MATH 105	3
Major (Core)	STAT 109	4
GE Area A: Critical Thinking	Critical Thinking course	3
GE Area A: Oral Communication	COMM 100	3
Semester Total:		17
Second Year Spring (Semester 4)		
Requirements Met:	Course	Units

Major (Concentration)	PHYX 107	4
Major (Core)	ESM 230	3
Major & GE Area B: Physical Science	CHEM 107	4
Major (Concentration)	ECON 104	3
GE Area C: Humanities & DCG Domestic	Domestic or Non-Domestic DCG	3
	Semester Total:	17
To Do: Register for the GWPE		
Third Year Fall (Semester 5)		
Requirements Met:	Course	Units
Major & UD GE Area C	ESM 309B	3
Major (Core)	ESM 325	3
Major (Concentration)	restricted elective--consult advisor	3
GE Area C: Arts	lower division Area C GE	3
American Institutions	PSCI 110 or PSCI 159 or FOR 359	3
	Semester Total:	15
Third Year Spring (Semester 6)		
Requirements Met:	Course	Units
Major & UD GE Area B	ESM 303	4
Major (Concentration)	ENGR 305	3
Major (Concentration)	ESM 370	3
GE Area C: Arts or Humanities	lower division Area C GE	3
GE Area F: Ethnic Studies	Ethnic Studies course from list	3
	Semester Total:	16
Fourth Year Fall (Semester 7)		
Requirements Met:	Course	Units
Major (Concentration)	ECON 450	4
Major (Concentration)	ESM 411	4
Major (Concentration)	ENGR 371	2
Elective		3
	Semester Total:	13
Fourth Year Spring (Semester 8)		
Requirements Met:	Course	Units
Major & UD GE Area D	ESM 305	3
Major (Concentration)	ESM 425	3
Major (Core)	ESM 435	2
Major (Concentration)	restricted elective--consult advisor	3
Elective		3
	Semester Total:	14