

Major Academic Plan

Catalog Year: 2021-22

Degree B.S.

Major: Chemistry

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
Freshman Year Fall (Semester 1)		
Requirements Met:	Course	Units
GE Area A: Written Communication	ENGL 102* or ENGL 104 (+ optional ENGL 110)	3-4
GE Area B: Mathematics	MATH 102**	4
GE Area E: Lifelong Learning	SCI 100	3
Major & GE Area B: Physical Science & Major (core)	CHEM 109	5
Semester Total:		15-16
<i>*If ENGL 102 is selected, students must complete ENGL 103 in semester 2. Adjust spring courses in consultation with an advisor.</i>		
<i>** Prerequisite of math placement category 1, 2 or 3. Students in category 4 begin with MATH 101i + 1 and consult with advisor.</i>		
Freshman Year Spring (Semester 2)		
Requirements Met:	Course	Units
GE Area A: Critical Thinking		3
Major (Core)	MATH 109	4
Major (Core)	CHEM 110	5
GE Area F: Ethnic Studies & DCG Domestic	NAS 104	3
Semester Total:		15
Sophomore Year Fall (Semester 3)		
Requirements Met:	Course	Units
Major (Core)	CHEM 324 & 324L	5
Major (Core)	MATH 110	4
Major (Core)	CHEM 341	5
GE Area A: Oral Communication	COMM 100	3
Semester Total:		17
Sophomore Year Spring (Semester 4)		
Requirements Met:	Course	Units
Major (Core)	CHEM 325 & 325L	5
Major (Core)	CHEM 323	1
Major (Core)	MATH 210	4
Major (Core)	PHYX 109	4
GE Area C: Arts		3
Semester Total:		17
To Do: Register for the GWPE		
Junior Year Fall (Semester 5)		

Requirements Met:	Course	Units
Major (Core)	PHYX 210	4
Major	CHEM 330	3
GE Area C: Humanities		3
American Institutions/GE Area D: Social Science		3
Elective		3
	Semester Total:	16-17
Junior Year Spring (Semester 6)		
Requirements Met:	Course	Units
Major (Core)	PHYX 211	4
Major	CHEM 441	4
GE Area D: Social Science		3
GE Area B: Life Science	BIOL 102	3
GE Area C: Arts or Humanities		3
	Semester Total:	17
Senior Year Fall (Semester 7)		
Requirements Met:	Course	Units
Major	CHEM 310	3
Major	CHEM 361	3
Major	CHEM 438	4
Elective		3
UD GE Area C		3
	Semester Total:	16
Senior Year Spring (Semester 8)		
Requirements Met:	Course	Units
Major	CHEM 410 & 410L	5
Major	CHEM 362	3
Major	CHEM 363	2
Major (Core)	CHEM 485	1
UD GE Area D & DCG		3
	Semester Total:	14
Notes:		
GE modifications in this major: the Upper Division Area B General Education requirement is met by completion of the major.		
Abbreviations:		
DCG = Diversity & Common Ground; GE = General Education; LD = Lower Division; UD = Upper Division		