

Major: Chemistry

Degree: B.A.

This major requires 55 or 67 units.

A total of 120 units are required for a bachelor's 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.

Academic Year: 2020-21

Freshman Year

Fall (semester 1)			Spring (semester 2)		
Description	Course	Units	Description	Course	Units
LD GE A1 [1]	ENGL 102 (+optional ENGL 110)	3-4	LD GE A1 [1]	ENGL 103 (+ optional ENGL 110)	3-4
LD GE B: Math [1]	MATH 101	3	Prerequisite	MATH 101T	3
LD GE E	SCI 100	3	Major	CHEM 110	5
LD GE B, Major [3]	CHEM 109	5	LD GE D, DCG-d	NAS 104	3
			LD GE A2 [1]	COMM 100	3
Semester Total: 14-15			Semester Total: 17-18		

Sophomore Year

Fall (semester 3)			Spring (semester 4)		
Description	Course	Units	Description	Course	Units
Major	CHEM 324	3	Major	CHEM 325	3
Major	CHEM 324L	2	Major	CHEM 325L	2
Major	CHEM 341	5	Major	CHEM 323	1
Major	MATH 105 or 109	3-4	Major	MATH 110 or 205	3-4
LD GE A3 [1]		3	Major	PHYX 106 or 109	4
			LD GE C [4]		3
Semester Total: 16-17			Semester Total: 16-17		

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	MATH 210 or elective	3-4	Major	PHYX 211 or elective	3-4
Major	PHYX 107 or 210	4	Major	CHEM 441 or 435 & 435L or elective	3-5
Major	CHEM 438 or 434 & 434L	4-5	LD GE B	BIOL 102	3
LD GE C [4]		3	LD GE C [4]		3
			LD GE D		3
			American Institutions [2]		3
Semester Total: 14-16			Semester Total: 16-18		

Senior Year

Fall (semester 7)			Spring (semester 8)		
To Do: Register for commencement.			To Do: Register for commencement.		
Description	Course	Units	Description	Course	Units
Major	CHEM 310	3	Major	CHEM 410 & 410L or 362 & 363 or elective	5
Major	CHEM 361	4	Major	CHEM 485	1
American Institutions [2]		3	UD GE B		3
LD GE D [4]		3	UD GE C [4]		3
		3	UD GE D [4]		3
		3			
Semester Total: 17			Semester Total: 15		

A1=Oral Communication; A2 = Written Communication; A3 = Critical Thinking; C1 = Arts; C2 = Humanities; DCG = Diversity & Common Ground; GE = General Education; LD = Lower Division; UD = Upper Division; See page 2 for notes.

Chemistry BA

Major:

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.

[5] Credit earned for math support course does not count toward unit requirements for graduation, GE, or major.

CHEM 310, 410, and 410L are offered every other year (odd F and even S), so they may need to be taken in the Junior year. Please see an advisor to discuss this situation.

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Department of Chemistry

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