

Major: Chemistry: Biochemistry

Degree: B.S.

This major requires 88 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)

Description	Course	Units
LD GE A1 [1]	ENGL 102 (+optional ENGL 110)	3-4
LD GE B: Math [1]	MATH 101	3
LD GE E	SCI 100	3
LD GE B, Major [3]	CHEM 109	5

Spring (semester 2)

Description	Course	Units
LD GE A1 [1]	ENGL 103 (+ optional ENGL 110)	3-4
Prerequisite	MATH 101T	3
Major	CHEM 110	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)

Description	Course	Units
Major	CHEM 324	3
Major	CHEM 324L	2
Major	MATH 109	4
LD GE A3 [1]		3
LD GE B, Major	BIOL 105 or BOT 105	4

Spring (semester 4)

Description	Course	Units
Major	CHEM 325	3
Major	CHEM 325L	2
Major	CHEM 323	1
Major	MATH 110	4
Major	PHYX 109	4
LD GE C [4]		3

Semester Total: 16

Semester Total: 17

Junior Year

Fall (semester 5)

To Do: Apply to graduate.

Description	Course	Units
Major	MATH 210	4
Major	PHYX 210	4
Major	CHEM 341	5
Major	BIOL 105 or Zool 110	4

Spring (semester 6)

To Do: Take the GWPE.

Description	Course	Units
Major	PHYX 211	4
Major	BIOL 340	3
Major	BIOL 340L	1
LD GE C [4]		3
LD GE D		3
American Institutions [2]		3

Semester Total: 17

Semester Total: 17

Senior Year

Fall (semester 7)

Description	Course	Units
Major	CHEM 434	3
Major	CHEM 434L	2
Major	CHEM 361	3
Major	BIOL 412, BOT 310, or ZOOL 310	4
Major	CHEM 485	1
LD GE C [4]		3

Spring (semester 8)

To Do: Register for commencement.

Description	Course	Units
Major	CHEM 435	3
Major	CHEM 435L	2
Major	CHEM 362	3
UD GE C [4]		3
UD GE D [4]		3
American Institutions [2]		3

Semester Total: 16

Semester Total: 17

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 BS: Biochemistry

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.

The CHEM BS: Biochemistry meets the requirements for UD GE B

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the Department of Chemistry

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