

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)

| Description | Course | Units |
|--------------------|-------------------------------|-------|
| LD GE A1 [1] | ENGL 104 (+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 A2 [1] | COMM 100 | 3 |
| Prerequisite | MATH 101T | 3 |
| Major | CHEM 110 | 5 |
| LD GE D, DCG-d | NAS 104 | 3 |

Semester Total: **14-15**

Semester Total: **14**

Sophomore Year

Fall (semester 3)

| Description | Course | Units |
|--------------|-----------------|-------|
| Major | CHEM 324 | 3 |
| Major | CHEM 324L | 2 |
| Major | CHEM 341 | 5 |
| Major | MATH 105 or 109 | 3-4 |
| LD GE A3 [1] | | 3 |

Spring (semester 4)

| Description | Course | Units |
|-------------|-----------------|-------|
| Major | CHEM 325 | 3 |
| Major | CHEM 325L | 2 |
| Major | CHEM 323 | 1 |
| Major | MATH 110 or 205 | 3-4 |
| Major | PHYX 106 or 109 | 4 |
| LD GE C [4] | | 3 |

Semester Total: **16-17**

Semester Total: **16-17**

Junior Year

Fall (semester 5)

To Do: Apply to graduate.

| Description | Course | Units |
|-------------|------------------------|-------|
| Major | MATH 210 or elective | 3-4 |
| Major | PHYX 107 or 210 | 4 |
| Major | CHEM 438 or 434 & 434L | 4-5 |
| LD GE C [4] | | 3 |

Spring (semester 6)

To Do: Take the GWPE.

| Description | Course | Units |
|---------------------------|------------------------------------|-------|
| Major | PHYX 211 or elective | 3-4 |
| Major | CHEM 441 or 435 & 435L or elective | 3-5 |
| LD GE B | BIOL 102 | 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)

| Description | Course | Units |
|---------------------------|----------|-------|
| Major | CHEM 310 | 3 |
| Major | CHEM 361 | 4 |
| American Institutions [2] | | 3 |
| LD GE D [4] | | 3 |
| | | 3 |

Spring (semester 8)

To Do: Register for commencement.

| Description | Course | Units |
|-------------|--|-------|
| Major | CHEM 410 & 410L or 362 & 363 or elective | 5 |
| Major | CHEM 485 | 1 |
| UD GE B | | 3 |
| UD GE C [4] | | 3 |
| UD GE D [4] | | 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.

Compiled and published cooperatively by Humboldt State University Office of the Registrar and
the Department of Chemistry

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