

Major/Degree: Fisheries Biology BS: Aquaculture Concentration

Units for the major: 72-73 Total units: 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. This MAP is based on the 2020-21 catalog.

**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 A2 [1]         | COMM 100                      | 3     |
| LD GE B: Math; Major    | MATH 101 or MATH 101i+MATH 1 or MATH 1 | 3-4   | LD GE B: Life; Major | BIOL 105                      | 4     |
| Major [Core]            | FISH 260                               | 3     | Major [Core]         | STAT 109                      | 4     |
| LD GE B: Physical Unive | CHEM 107                               | 4     | LD GE A1 [1]         | ENGL 103 (+optional ENGL 110) | 3-4   |
| LD GE E                 | SCI 100                                | 3     |                      |                               |       |

Semester Total: 16-18

Semester Total: 14-15

**Sophomore Year**

| Fall (semester 3) |          |       | Spring (semester 4) |                             |       |
|-------------------|----------|-------|---------------------|-----------------------------|-------|
| Description       | Course   | Units | Description         | Course                      | Units |
| LD GE A3 [1]      |          | 3     | LD GE D             | [4]                         | 3     |
| LD GE C1 or C2    | [4]      | 3     | LD GE C1 or C2      | [4]                         | 3     |
| LD GE D           | [4]      | 3     | LD GE C1 or C2      | [4]                         | 3     |
| Major [Core]      | ZOOL 110 | 4     | Major [Core]        | Physical science course [5] | 3-4   |
|                   |          |       | Major [Core]        | FISH 310                    | 4     |

Semester Total: 13

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 |
| UD GE C                   | [4]      | 3     | American Institutions |          | 3     |
| Major [Core]              | FISH 314 | 3     | Major [Core]          | FISH 311 | 3     |
| Major [Concentration]     | FISH 370 | 4     | Major [Core]          | FISH 474 | 4     |
| Major [Core]              | FISH 380 | 3     | Major Elective        | [7]      | 3     |
| American Institutions     | [2]      | 3     |                       |          |       |

Semester Total: 16

Semester Total: 13

**Senior Year**

| Fall (semester 7)     |                         |       | Spring (semester 8)               |                                       |       |
|-----------------------|-------------------------|-------|-----------------------------------|---------------------------------------|-------|
|                       |                         |       | To Do: Register for commencement. |                                       |       |
| Description           | Course                  | Units | Description                       | Course                                | Units |
| Major [Core]          | Quantitative course [6] | 4     | Major [Concentration]             | FISH 471                              | 3     |
| Major [Core]          | FISH 460                | 3     | Major [Concentration]             | FISH 472                              | 3     |
| Major [Concentration] | FISH 375                | 3     | UD GE D                           | [8]                                   | 3     |
| Major Elective        | [7]                     | 3     | Major Elective                    | [7]                                   | 3     |
| Elective              |                         | 3     | Elective                          | as needed to bring total units to 120 | 1-3   |

Semester Total: 16

Semester Total: 13-15

A1=Written Communication; A2 = Oral Communication; A3 = Critical Thinking; C1 = Arts; C2 = Humanities;

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### 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] Select one of the following courses: CHEM 128, GEOL 109, PHYX 106, OCN109/109L

[6] Choose one quantitative course: FISH 458 or FISH 558.

[7] Used to satisfy the required 9 units of approved electives. Must be approved in advance by advisor.

[8] Fisheries Biology majors are not required to take an UD GE Area B course because this requirement is incorporated into the overall degree program.

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