

This is a model pathway for students coming to HSU prepared for calculus & choosing to take accelerated English composition (ENGL 104) to meet LD GE A1

Major: Biology

Concentration: Marine Biology

Degree: BS

**Fall** Review DARS & meet with your advisor each semester.

Description	Course	Units
LD GE A1 or A2 [1]	ENGL 104 or COMM 100	3
LD GE B: Math [1] & Major	MATH 105	3
LD GE B: Phys Univ & Major	OCN 109/109L	4
LD GE B: Life Forms & Major	BOT 105 or ZOO 110	4

Semester Total: 14

**Spring** Review DARS & meet with your advisor each semester.

Description	Course	Units
LD GE A1 or A2 [1]	ENGL 104 or COMM 100	3
LD GE C1 or C2 [4]		3
Major	BOT 105 or ZOO 110	4
Major	PHYX 106	4
Major	PHYX 118	1

Semester Total: 15

**Year 1**

**Fall** Review DARS & meet with your advisor each semester.

Description	Course	Units
LD GE A3 [1]		3
LD GE C1 or C2 [4]		3
LD GE D [4]		3
Major	BIOL 255	3
Major	CHEM 109	5

Semester Total: 17

**Spring** Review DARS & meet with your advisor each semester.

Description	Course	Units
LD GE C1 or C2 [4]		3
Major	CHEM 110	5
Major	BIOL 105	4
Major	STAT 109	4

Semester Total: 16

**Year 2**

LD GE A: Basic Subjects & LD GE B: Math must be completed with C- or better & by 60 units earned.

**Fall** Complete a major contract. Apply to graduate.

Description	Course	Units
Amer. Inst. [2] [LD GE D]		3
Major	BIOL 330	4
Major	BIOL 340	4
Major	CHEM 328	4

Semester Total: 15

**Spring** Take the GWPE.

Description	Course	Units
American Institutions		3
Major	FISH 310	4
Major	BOT 356	4
Major	ZOO 314	5

Semester Total: 16

**Year 3**

**Fall** Review DARS & meet with your advisor each semester.

Description	Course	Units
LD GE D [4]		3
UD GE C or D [4]		3
Major [5, 6]	Cells/Physiology Elective	4
Major Elective	OCN 310 or Marine Biology Elective [5, 7, 8]	3-4

Semester Total: 13-14

**Spring** Register for commencement ceremony.

Description	Course	Units
UD GE C or D [4]		3
GE E		3
Major	BIOL 490 or 499	1-2
UD GE B & Major	BIOL 307	4
Major Elective	BIOL 430 or Marine Biology Elective [5, 7, 8]	3-4

Semester Total: 14-16

**Year 4**

Units for the major: 81-85      Total units: 120 units required for this BS degree

A1=Written Communication; A2 = Oral 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.**

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**Notes**

- (1) LD GE A: (Basic Subjects) & B (Math) must be completed with C- or higher & by 60 units earned.
- (2) One American Institution course will also count for LD GE D.
- (3) One science course must include a lab.
- (4) DCG requirements may be met with major courses. Check with your major advisor.
- (5) Select major elective in consultation with major advisor
- [6] Take one of the following BIOL 410, BOT 310, ZOOL 310.
- [7] Take one of the following or any optional course from elsewhere in the major: BIOL 418, BOT 553, FISH 375, FISH 435, OCN 410, ZOOL 530, ZOOL 552, ZOOL 556.
- [8] Take BIOL 430 (offered in spring) or OCN 310 (offered in fall)

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