

This is a model pathway for students coming to HSU ready for two semesters of remedial math & choosing to take two-semester English composition (ENGL 102/103) to meet LD GE A1

Major: Biology

Concentration: Marine Biology

Degree: BS

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

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

Description	Course	Units
LD GE A1 [1]	ENGL 102	3
LD GE A2 [1]	COMM 100	3
Remedial Math [5]	MATH 40	[3] 0
LD GE B: Life Forms & Major	BOT 105 or ZOOL 110	4
LD GE C1 or C2 [4]		3
Semester Total: [16]13		

**Year 1**

Description	Course	Units
LD GE A1 [1]	ENGL 103	3
Prerequisite [6] and	MATH 113	3
Math co-requisite [5]	MATH 43	[2] 0
LD GE A3 [1]		3
LD GE B: Physical & Major	OCN 109/109L [3]	4
Semester Total: [15]13		

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

Description	Course	Units
Prerequisite [6]	MATH 114	3
Major	BOT 105 or ZOOL 110	4
Major	BIOL 255	3
Major	CHEM 109	5
Semester Total: 15		

**Year 2**

Description	Course	Units
LD GE B: Math [1] & Major	MATH 105	3
Major	CHEM 110	5
Major	BIOL 105	4
Amer. Inst. [2] [LD GE D]		3
Semester Total: 15		

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

**Spring** Take the GWPE.

Description	Course	Units
American Institutions		3
LD GE C1 or C2 [4]		3
LD GE D [4]		3
Major	STAT 109	4
LD GE C1 or C2 [4]		3
Semester Total: 16		

**Year 3**

Description	Course	Units
LD GE D [4]		3
Major	PHYX 106	4
Major	PHYX 118	1
Major	BIOL 330	4
Major	BIOL 340	4
Semester Total: 16		

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

**Spring** Register for commencement ceremony.

Description	Course	Units
UD GE C or D [4]		3
UD GE B & Major	BIOL 307	4
Major	ZOOL 314	5
Major	FISH 310	4
Semester Total: 16		

**Year 4**

Description	Course	Units
UD GE C or D [4]		3
Major	CHEM 328	4
Major	BOT 356	4
Major [7, 9]	BIOL 430 or Major Elective	3-4
Semester Total: 14-15		

**Fall**

Description	Course	Units
Major [7, 9]	OCN 310 or Major Elective	3-4
Major Elective [7, 8]	Cells/Physiology Elective	4
Major	BIOL 490 or 498 or 499	1-2
GE E		3
Semester Total: 11-13		

**Year 5**

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

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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] Complete 2 DCG courses, (one must be domestic) with courses that also meet GE.

[5] Credit earned for remedial math will not count toward unit requirements for graduation, GE or major.

[6] Prerequisite for MATH 105.

[7] Consult with your major advisor.

[8] Take one of the following BIOL 410, BOT 310, ZOO 310.

[9] Take one of the following or any optional course from elsewhere in the major: BIOL 418, BOT 553, FISH 375, FISH 435, OCN 410, ZOO 530, ZOO 552, ZOO 556.

[10] Take BIOL 430 (offered in spring) or OCN 310 (offered in fall)

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