

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: Ecology and Biodiversity

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 104	3
LD GE A2 [1]	COMM 100	3
LD GE B: Phys. Univ & Major	CHEM 109 (3)	5
Major	BOT 105 or ZOOL 110	4

Year 1

Description	Course	Units
LD GE C1 or C2 [4]		3
LD GE B: Life Forms & Major	BIOL 105	4
LD GE B: Math [1] & Major	MATH 105	3
Major	CHEM 110	5

Semester Total: 15

Semester Total: 15

Fall Review DARS & meet with your advisor each semester.

Spring 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	BOT 105 or ZOOL 110	4
Major	STAT 109	4

Year 2

Description	Course	Units
LD GE C1 or C2 [4]		3
LD GE D [4]		3
Amer. Inst. [2] [LD GE D]		3
Major	PHYX 106	4
Major Elective [5, 6]		3-4

Semester Total: 17

Semester Total: 16-17

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.

Spring Take the GWPE.

Description	Course	Units
Major	BIOL 330	4
Major	PHYX 118	1
Major Elective [5, 7]	UD Statistics Course	4
Major Elective [5, 8]	UD Biodiversity Course	2-5
American Institutions		3

Year 3

Description	Course	Units
Major	BIOL 340	4
Major Elective [5, 10]	Cells/Physiology	4
Major Elective [5, 8]	UD Biodiversity Course	2-5
Major Elective [9]	Biological Science Course	3-4

Semester Total: 14-17

Semester Total: 13-17

Fall Review DARS & meet with your advisor each semester.

Spring Register for commencement ceremony.

Description	Course	Units
UD GE C or D [4]		3
Major	BIOL 434	4
Major	CHEM 328	4
Major UD Elective [9]	Biological Science Course	3-4

Year 4

Description	Course	Units
GE E		3
UD GE C or D [4]		3
UD GE B & Major	BIOL 307	4
Major Elective	BIOL 438, 490 or 499	1-4
Major UD Elective [9]	Biological Science Course	3-4

Semester Total: 14-15

Semester Total: 14-18

Units for the major: 78-93

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) Major courses meet LD GE B science lab requirement.
- (4) Complete 2 DCG courses, (one must be domestic) with courses that also meet GE.
- (5) Select major elective in consultation with major advisor
- [6] Complete one of the following for major requirement: FISH 320, GEOG 106, GEOL 109, OCN 109/109L, SOIL 260.
- [7] Take one of the following: STAT 333, STAT 406, or STAT 409.
- [8] Take at least 6 units from the following: BIOL 412, BOT 350, BOT 354, BOT 355, BOT 356, BOT 358, BOT 359, FISH 310, WLDF 365, ZOO 314, ZOO 316, ZOO 354, ZOO 356, ZOO 358, ZOO 556.
- [9] Three UD Biological Sciences courses chosen in consultation with advisor.
- [10] Take one of the following: BIOL 410, BIOL 412, BOT 310, or ZOO 310.

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