

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

Major: Biology

Concentration: Cellular & Molecular 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
Prerequisite or elective	MATH 115 (if needed)	4
LD GE B: Phys. & Major	CHEM 109	5
Major	BOT 105 or ZOOL 110	4

Semester Total: 16

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		3
Major	BOT 105 or ZOOL 110	4
Major	STAT 109	4

Semester Total: 17

Fall Complete a major contract. Apply to graduate.

Description	Course	Units
Major	PHYX 107	4
Major	BIOL 340	4
Major Elective	Physiology Elective [5, 6]	4
Major	CHEM 328 (or CHEM 321)	4/5

Semester Total: 16/17

Fall Review DARS & meet with your advisor each semester.

Description	Course	Units
GE E		3
Major	BIOL 410 or 412	4
Major	BIOL 440	2
Major Elective	CHEM 438 (or CHEM 431)	4/5

Semester Total: 13/14

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 B: Life & Major [3]	BIOL 105	4
LD GE B: Math & Major	MATH 105 [1]	3
Major	CHEM 110	5

Semester Total: 15

Spring Review DARS & meet with your advisor each semester.

Description	Course	Units
LD GE C1 or C2 [4]		3
LD GE D [4]		3
Amer. Inst. & LD D [2]		3
Major	PHYX 106	4
LD GE C1 or C2 [4]		3

Semester Total: 16

Spring Take the GWPE.

Description	Course	Units
UD GE C or D [4]		3
UD GE B & Major	BIOL 307	4
American Inst.		3
Elective or major (if taking CHEM 321/322 series)	CHEM 322	0/3
		0/5

Semester Total: 13/15

Spring Register for commencement ceremony.

Description	Course	Units
UD GE C or D [4]		3
Major	BIOL 410 or 412	4
Major Elective	BIOL 490 or BIOL 499	1
Elective or major (if taking CHEM 431/432 series)	CHEM 432	0/3
		0/5
Additional Elective	(if CHEM 328 & 438 taken)	0/3

Semester Total: 14/13

Units for the major: 68-82 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.

Major 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 course includes a lab. Meets 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 course in consultation with major advisor.
- [6] Take one of the following: BOT 310, ZOOL 310, or ZOOL 312.

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

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