

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: Cellular & Molecular 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
Major	BOT 105 or ZOOL 110	4
Elective		2
Semester Total:		[15]12

Year 1

Description	Course	Units
LD GE A1 [1]	ENGL 103	3
Prerequisite [6]	MATH 113	3
Math corequisite [5]	MATH 43	[2] 0
LD GE A3 [1]		3
Major	BOT 105 or ZOOL 110	4
Semester Total:		[15]13

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Spring Review DARS & meet with your advisor each semester.

Description	Course	Units
Prerequisite	MATH 114	3
LD GE C1 or C2 [4]		3
LD GE C1 or C2 [4]		3
LD GE B: Phys Univ & Major	CHEM 109	5
Semester Total:		14

Year 2

Description	Course	Units
LD GE B: Math [1] & Major	STAT 109	4
Major	CHEM 110	5
LD GE B: Life Forms & Major	BIOL 105	4
Amer. Inst. [2] [LD GE D]		3
Semester Total:		16

Fall Complete a major contract. Apply to graduate.

Spring Take the GWPE.

Description	Course	Units
LD GE D [4]		3
LD GE D [4]		3
Major	PHYX 106	4
Major	BIOL 340	4
Major	MATH 105	3
Semester Total:		17

Year 3

Description	Course	Units
American Institutions		3
Major	CHEM 328 or CHEM 321	4-5
Major	PHYX 107	4
LD GE C1 or C2 [4]		3
Semester Total:		14-15

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 Elective [6]		4
Major	BIOL 440	2
Major	CHEM 438 [7] or CHEM 322	4-5
Elective (if CHEM 328 option is selected)		0-2
Semester Total:		14-15

Year 4

Description	Course	Units
UD GE C or D [4]		3
UD GE B & Major	BIOL 307	4
Major	BIOL 410 or BIOL 412	4
GE E		3
Semester Total:		14

Fall

Description	Course	Units
Major	BIOL 410 or BIOL 412	4
Major	BIOL 490 or BIOL 499	1-2
Major [8, 9]	CHEM 438	0-4
Semester Total:		5-10

Year 5

Units for the major: 68-82

Total units: 120 units required for this BS degree

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Concentration: Cellular & Molecular Biology

Degree: BS

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] In consultation with your major advisor select one of the following courses: BOT 310, ZOOL 310, or ZOOL 312
- [7] If the CHEM 328 option is selected.
- [8] If the CHEM 321/322 option is selected.
- [9] Consult your major advisor if you are interested in the taking the CHEM 432/432 option.

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