

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

Major: Biology

Concentration: Microbiology

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 or A2 [1]	ENGL 104 or COMM 100	3
LD GE A3 [1]		3
LD GE B: Phys Univ & Major	CHEM 109 [3]	5
LD GE B: Math [1] & Major	STAT 109	4

Year 1

Description	Course	Units
LD GE A1 or A2 [1]	ENGL 104 or COMM 100	3
LD GE B: Life forms & Major	BIOL 105	4
Major	MATH 105	3
Major	CHEM 110	5

Semester Total: 15

Semester Total: 15

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Spring Review DARS & meet with your advisor each semester.

Description	Course	Units
LD GE C1 or C2 [4]		3
LD GE C1 or C2 [4]		3
Amer. Inst. [2] [LD GE D]		3
LD GE D [4]		3
Major	BOT 105 or ZOO 110	4

Year 2

Description	Course	Units
LD GE C1 or C2 [4]		3
LD GE D [4]		3
Major	BOT 105 or ZOO 110	4
Major	PHYX 106	4
Major	PHYX 118	1

Semester Total: 16

Semester Total: 15

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	CHEM 328	4
Major	BIOL 330	4
Major	BIOL 340	4
Elective		3

Year 3

Description	Course	Units
American Institutions		3
UD GE B & Major	BIOL 307	4
Major	BIOL 412	4
Major	BOT 358	2
Elective		2

Semester Total: 15

Semester Total: 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	BIOL 418 or 433/433D	3/4
Major	CHEM 438 [7] or CHEM 431	4/5
Major	BIOL 440	2
Major	BIOL 490 or BIOL 499	1/2
Elective [8]		0/1

Year 4

Description	Course	Units
UD GE C or D [4]		3
GE E		3
Major or Electives [7]	CHEM 432 or Electives	5
Major Elective [5, 6]	UD Cell Bio/Physio Elect	4

Semester Total: 14-16

Semester Total: 15

Units for the major: 70-79

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

[5] Consult with your major advisor.

[6] Take one of the following: BIOL 410, BOT 310, ZOOL 310, ZOOL 312.

[7] Select either the one-semester option CHEM 438 Introductory Biochemistry or the one-year sequence of CHEM 431/432 Biochemistry. If CHEM 438 is selected, take an elective units in place of CHEM 432 in the spring semester of year 4.

[8] If lower unit major options are selected, take elective unit to reach a total of 120 for the degree.

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