

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: Microbiology

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
LD GE A3 [1]		3
LD GE B: Phys Univ & Major	CHEM 109 [3]	5
Prerequisite OR		
LD GE C1 or C2 [4]	MATH 113 or 115 or LD GE C	3/4

Semester Total: 14/15

Spring 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		
LD GE B: Math [1] & Major	MATH 114 or MATH 105	3
Major	CHEM 110	5
LD GE B: Life Forms & Major	BIOL 105	4

Semester Total: 15

Year 1

Fall Review DARS & meet with your advisor each semester.

Description	Course	Units
LD GE C1 or C2 [4]		3
Amer. Inst. [2] [LD GE D]		3
LD GE D [4]		3
Major	BOT 105 or ZOOL 110	4
Major (& LD GE B: Math if not already met)	STAT 109	4

Semester Total: 17

Spring Review DARS & meet with your advisor each semester.

Description	Course	Units
LD GE C1 or C2 [4]		3
LD GE D [4]		3
Major	BOT 105 or ZOOL 110	4
Major	MATH 105 (if not taken in yr 1)	0/3
Major	PHYX 106	4
Major	PHYX 118	1

Semester Total: 15/18

Year 2

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.

Description	Course	Units
Major	CHEM 328 or CHEM 321	4/5
Major	BIOL 330	4
Major	BIOL 340	4
Major	BOT 358	2
LD GE C1 or C2 [4] if needed or Elective		0/3

Semester Total: 14-18

Spring Take the GWPE.

Description	Course	Units
American Institutions		3
Major	CHEM 322 or Elective	3-5
Major	BIOL 412	4
UD GE B & Major	BIOL 307	4

Semester Total: 14-16

Year 3

Fall Review DARS & meet with your advisor each semester.

Description	Course	Units
UD GE C or D [4]		3
Major	BIOL 418 or 433/433D	3-4
Major	CHEM 438 or CHEM 431	4-5
Major	BIOL 440	2
Major	BIOL 490 or BIOL 499	1-2

Semester Total: 13-16

Spring Register for commencement ceremony.

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

Semester Total: 15

Year 4

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) DCG requirements may be met with major courses. Check with your major advisor.
- (5) Consult with your major advisor.
- [6] Take one of the following: BIOL 410, BOT 310, ZOOL 310, ZOOL 312.

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