

Major/Degree: Botany

This major requires **72-79 units** units. **A total of 120 units are required for a bachelor's degree.**

Major Academic Plans (MAP) show a general recommended pathway to graduation. Meet with your major advisor each semester to discuss your progress and degree plan for future semesters. Consult the HSU catalog for complete list of major program courses. See the current schedule of classes for courses offered in General Education, American Institutions, and Diversity & Common Ground requirements.

Academic Year: 2020-21

Freshman Year

Fall (semester 1)			Spring (semester 2)		
Description	Course	Units	Description	Course	Units
LD GE E	SCI 100	3	LD GE A1 [1]	ENGL 102 (+optional ENGL 110)	3-4
LD GE B: Math [1, 5]	MATH 101 or (MATH 101i & MATH 1) [5]	3	LD GE A3 [1]		3
LD GE B: Life & Major	BOT 105	4	Prerequisite	MATH 101T	3
LD GE D; DCG-d	NAS 104	3	LD GE B: Physical Univ & Major: CHEM 109		5
			LD GE C1 or C2 [4]		3
Semester Total: 13			Semester Total: 17		

Sophomore Year

Fall (semester 3)			Spring (semester 4)		
Description	Course	Units	Description	Course	Units
LD GE A1 [1]	ENGL 103 (+optional ENGL 110)	3-4	LD GE A2 [1]	COMM 100	3
Major	MATH 105 or MATH 109	3-4	Major	STAT 109	4
Major	BIOL 105	4	LD GE C1 or C2 [4]		3
Major [Core]	CHEM 110	5	LD GE D [4]		3
			Major [Core]	ZOOL 110	4
Semester Total: 16-18			Semester Total: 17		

Junior Year

Fall (semester 5)			Spring (semester 6)		
To Do: Apply to graduate.			To Do: Take the GWPE.		
Description	Course	Units	Description	Course	Units
LD GE C1 or C2		3	American Institutions		3
DCG [4] if requirement	is not fulfilled by taking a double count GE course	0-3	Major [Core]	BIOL 340	4
American Institutions [2]		3	Major	PHYX 106	4
Major [Core]	CHEM 228	4	Major [Core]	Plant Group Course [6,7]	2-4
Major [Core]	BIOL 330	4	Major [Core]	Plant Group Course [6,7]	2-4
Semester Total: 14-17			Semester Total: 15-19		

Senior Year

Fall (semester 7)			Spring (semester 8)		
			To Do: Register for commencement.		
Description	Course	Units	Description	Course	Units
UD GE B; Major	BIOL 307	4	UD GE C or D [4]		3
Major [Core]	Plant Group Course [6,7]	2-4	UD GE C or D [4]		3
Major [Core]	Life Science Elective [9]	3-5	Major [Core]	BOT 322 or BOT 372 or BOT 521	4
Major [Core]	PHYX 118	1	Major [Core]	BIOL 490 or BIOL 499	1-2
			Elective		3
Semester Total: 10-14			Semester Total: 14-15		

A1=Oral Communication; A2 = Written 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: Botany

Notes

[1] Requirement: Complete LD GE A1, A2, A3 & B: Math with C- or higher in each course; Complete by 60 units earned.

[2] One American Institution course will also count for LD GE D.

[3] Science Lab Requirement: Take one science course with a lab.

[4] Complete 2 DCG courses, (one must be domestic) with courses that also meet GE. DCG units can be reduced with double count GE/

[5] Credit earned for math support course does not count toward unit requirements for graduation, GE, or major.

[6] Select major elective in consultation with major advisor

[7] Take three of the following courses or mycology options: BOT 350, BOT 355, BOT 356 or BOT 358 and BOT 359 or BOT 360/360L or BOT 394.

[8] A Plant Group Course is only necessary here if BOT 358 and BOT 359 are used to satisfy this major requirement.

[9] Take one of the following or a course approved by your advisor: BOT 330/330L, BOT 553, BIOL 350, BIOL 412, BIOL 418, BIOL 433/433D, BIOL 434, BIOL 448, BIOL 564, OCN 109/109L, SOIL 260 or an upper division ZOO, FISH, or WLDF course with a lab.

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