

## Major Academic Plan

Catalog Year: 2021-22

<b>Degree:</b>	B.S.
<b>Major:</b>	Botany

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.

The online registration tutorial during orientation will help you:

- determine your CSU designated math "[placement category](#)" (1, 2, 3 or 4)
- choose your English class(es) through a similar self-directed process
- choose your Math class(es) based on your major and category information as described in the online registration tutorial

<b>Total units required</b>			<b>120</b>
<b>First Year Fall (Semester 1)</b>			
Requirements Met:	Course	Units	
GE Area B: Mathematics [2]	MATH 101 or (MATH 101i & MATH 1*) or MATH 102	3-4	
GE Area E: Lifelong Learning	SCI100	3	
GE Area F: Ethnic Studies & DCG Domestic [1]	NAS 104	3	
Major (Core) & GE Area B	CHEM 109** or BOT 105	4-5	

**Semester Total:** 13-15

*\*Credit earned for math support course does not count toward unit requirements for graduation, GE or major.*

*\*\*Prerequisite of math placement category I, II or III.*

<b>First Year Spring (Semester 2)</b>			
Requirements Met:	Course	Units	
GE Area A: Written Communication	ENGL 102 or ENGL 104 (+ optional ENGL 110)	3-4	
Major Prerequisite or Major (Core) [2]	MATH 101T or MATH 105*	3	
Major & GE Area B	CHEM 109 or BOT 105	4-5	
GE Area A: Oral Communication	COMM 100	3	
American Institutions/GE Area D: Social Science		3	

**Semester Total:** 16-18

*\*See footnote 2. If already completed MATH 105, adjust plan in consultation with advisor.*

<b>Second Year Fall (Semester 3)</b>			
Requirements Met:	Course	Units	
GE Area A: Written Communication	ENGL 103 (+ optional ENGL 110)*	3-4	
Major	BIOL 105	4	
Major [2]	MATH 105**	3	
GE Area A: Critical Thinking		3	
GE Area C: Arts or Major (Core)	GE area C or CHEM 110	3-5	

**Semester Total:** 16-19

*\*If ENGL 104 was taken the previous semester take an elective, other GE or a major course in place of ENGL 103.*

*\*\*See footnote 2. If already completed MATH 105, adjust plan in consultation with advisor.*

<b>Second Year Spring (Semester 4)</b>			
Requirements Met:	Course	Units	
GE Area C: Arts or Major (Core)	GE area C or CHEM 110	3-5	
Major	STAT 109	4	
Major	ZOOL 110	4	
GE Area C: Humanities		3	

**Semester Total:** 14-16

To Do: Register for the GWPE

<b>Third Year Fall (Semester 5)</b>		
Requirements Met:	Course	Units
Major	BIOL 330	4
Major	CHEM 228	4
GE Area D: Social Science		3
GE Area C: Arts or Humanities		3
<b>Semester Total:</b>		17

<b>Third Year Spring (Semester 6)</b>		
Requirements Met:	Course	Units
American Institutions		3
Major	PHYX 106	4
Major	Botanical Diversity option 1*	2-4
Major	BIOL 340	4
Major	Botanical Diversity option 2*	2-4
<b>Semester Total:</b>		15-19

\*Take three of the following sets of courses or mycology options: BOT 350, BOT 354, BOT 355, BOT 356 or (BOT 358 & BOT 359) or (BOT 360 & 360L) or BOT 394. See catalog.

<b>Fourth Year Fall (Semester 7)</b>		
Requirements Met:	Course	Units
Major	BOT 310	4
Major	Botanical Diversity option 3*	2-4
Major	Life Science Elective with advisor approval	3-5
Major	PHYX 118 or PHYX 107	1-4
<b>Semester Total:</b>		10-17

\*Take three of the following sets of courses or mycology options: BOT 350, BOT 354, BOT 355, BOT 356 or (BOT 358 & BOT 359) or (BOT 360 & 360L) or BOT 394. See catalog.

<b>Fourth Year Spring (Semester 8)</b>		
Requirements Met:	Course	Units
Major	BOT 322 or BOT 372 or BOT 521	3-4
Major	BIOL 490 or BIOL 499	1-2
Major (Concentration)	Plant Grp [5,6,7] or Elective	0-4
UD GE Area B, Major	BIOL 307	4
UD GE Area C or D [1]		3
<b>Semester Total:</b>		12-17

### **Notes**

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

[2] Major & GE Area B dependent on Math Placement Category - review details about math placement categories. MATH 105 is required for the major. If MATH 105 is taken earlier than shown here, adjust plans accordingly in consultation with an advisor.