

Department of Biological Sciences

BOTANY

Sample Four Year Degree Program

HSU First Time Freshman

Note: This is a model four-year plan, not a guaranteed sequence or contract, based on the 2009-10 catalog.
For updates please see major advisor.

1st Year		units	units	
Fall Semester			Spring Semester	
Math 115 Algebra & Elem Functions	4		Chemistry 109 General Chemistry	5
or Math 105 Calculus for Bio Sci & NR	3		Math 105 Calculus for Bio Sci & NR	3
Botany 105 General Botany	4		or Biometry 109 Introductory Biometrics	4
LD GE Area A	3		LD GE Area A	3
LD GE Area C or D	3		LD GE Area C or D	3
	13-14		<u>American Inst. – History or Gov't</u>	3
				17-18

2nd Year		units	units	
Fall Semester			Spring Semester	
Biology 105 Principles of Biology	4		Zoology 110 Introductory Zoology	4
Elective or Biometry 109	3-4		Physics 106 College Physics	4
LD GE Area A	3		LD GE Area C	3
LD GE Area C	3		LD GE Area D	3
LD GE Area D	3		<u>American Inst. – History or Gov't</u>	3
	16-17			17

3rd Year		units	units	
Fall Semester			Spring Semester	
Biology 330 Principles of Ecology	4		Biology 340 Genetics	4
Botany 310 Gen. Plant Physiology	4		or Biology 345 Genetics w/ Pop Emphasis	4
Chemistry 328 Brief Organic Chemistry	4		Botany 353 Phycology	4
Physics 118 Biological Applications	1		or Botany 355 Lichens & Bryophytes	4
Botany 358 Biology of the Microfungi	2		Botany 350 Plant Taxonomy	4
Biology 307 Evolution	4		Botany 359 Asco. & Basidiomycetes	2
UD GE	3		Elective	2-3
	22		<u>UD GE</u>	3
				15-18

4th Year		units	units	
Fall Semester			Spring Semester	
Biology 412 General Bacteriology	4		Botany UD required	3
or UD Zoology course w/ lab	3-4		Biology Course or Elective	3-4
Botany 321 Dev. Plant Anatomy	4		Elective	3-4
or Botany 372 Evol. Morph. of Plants	4		<u>UD GE Area E</u>	3
Biology 490 or 499 Senior Project	1-2			12-14
UD GE	3			
	19-21			

Minimum of 120 units required for Bachelor of Science degree

LDGE Areas A, B, C, D 36 units

UDGE 12 units

LD major required courses 29-37 units

UD major required courses 27-40 units

(Revised 5/18/09)