

Department of Biological Sciences

General Biology or Special Major in Biology Emphasis

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.

1stYear		units	units	
Fall Semester			Spring Semester	
Math 115 Alg & Elem Functions	4		Biology 105 Principles of Biology	4
or Math 105 Calculus for Bio Sci & NR	3		Math 105 Calculus for Bio Sci & NR	3
Chemistry 109 General Chemistry	5		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
	14-15		American Inst. – History or Gov't	3
				16-17

2ndYear		units	units	
Fall Semester			Spring Semester	
Botany 105 General Botany	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		LD Course required in option	3-4
	16-17			17-18

3rdYear		units	units	
Fall Semester			Spring Semester	
Biology 330 Principles of Ecology	4		Biology 340 Genetics	4
Botany 310 Plant Physiology	4		or Biology 345 Genetics w/ Pop. Emph.	4
or Zoology 310 Animal Physiology	4		Biology Course required	4
or Biology 410 Cell Biology	4		American Inst. – History or Gov't	3-4
Biology 307 Evolution	4		UD GE	3
Physics 118 Biological Applications	1			14-15
UD GE	3			
	16			

4thYear		units	units	
Fall Semester			Spring Semester	
Biology 412 General Bacteriology	4		Biology Course required	4
Biology Course required	3-4		Biology Course required	3-4
Elective	3-4		Biology Course required	3-4
Chemistry 328 Brief Organic Chemistry	4		Elective	3-4
UD GE	3		UD GE Area E	3
	17-19			16-19

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 30 units

Total LD and UD units required by major 61-76 (average 65)

(Revised 5/18/09)