

This four year guide is a recommended semester-by semester plan of study for this major. All four year guides are meant as examples of how a degree can be completed in four years. Individual plans will be developed for each student in consultation with the academic advisor. Prior credit, course availability, and student needs must be considered in developing the individual plan.

Course Subject and Title	Credit Hours	Min. Grade Required	Included in Major GPA	Important Notes POS = Program of Study
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Semester One: [16 Credit Hours]

MAT 1025	4	C-		If needed as prerequisite to MAT 1110; Otherwise take MAT 1110 here. Can take fall or spring first year
UCO 1200	3			May take fall or spring of first year
CHE 1101 & 1110	4		X	Counts towards Gen Ed Science Inquiry as well
BIO 1801	4	C	X	
Gen Ed Wellness Literacy	1			

Semester Two: [18 Credit Hours]

RC 1000	3			May take fall or spring of first year
CHE 1102 & 1120	4		X	Counts towards Gen Ed Science Inquiry as well
BIO 1802	4		X	
MAT 1110	4		X	If taken in Semester One, take free elective here
Integrative Learning Experience Course 1	3			HS or LS or FA or SS Designation

Semester Three : [16 Credit Hours]

BIO 2012	3		X	May take fall or spring of sophomore year
CHE 2101 & 2103	4		X	
STT 2810	3		X	
RC 2001	3			May take in fall or spring of sophomore year
Liberal Studies Experience Course 1	3			HS or LS or FA or SS Designation

Semester Four: [16-18 Credit Hours]

BIO 2400 or BIO 2700	3		X	May take fall or spring of sophomore year
BIO 3302	4		X	
BIO Cell/Subcell or Anat & Phys	3-4		X	Area II. C. 3 course (Must choose one [WID] course from this area or from Areas C. 1 or C. 2 area.)
BIO Evol/Ecol or Environ Course 1	3-4		X	Area II. C. 1.
Integrative Learning Experience Course 2	3			HS or LS or FA or SS Designation

Semester Five: [13-16 Credit Hours]

BIO Evol/Ecol or Environ Course 2	3-4		X	Area II. C. 1. course
BIO Biodiversity Course 1	3-4		X	Area II. C.2 course (Must choose one [WID] course from this area or Cell/Subcellular area.)
Integrative Learning Experience Course 3	3			
BIO Other Sciences Course 1	3-4		X	Area II. C. 4 course; A total of 38 hours is required in Section II. C.
Gen Ed Wellness Literacy	1			

Apply for summer internship in the department if planning to meet capstone BIO 4910 during Semester Eight

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Semester Six: [15-18 Credit Hours]

BIO Biodiversity Course 2	3-4		X	Area II. C. 2 course
BIO Other Sciences Course 2	3-4		X	Area II. C. 4 course; A total of 38 hours is required in Section II. C.
Liberal Studies Experience Course 2	3			HS or LS or FA or SS Designation
BIO Evol/Ecol or Environ Course 3	3-4		X	Area II. C. 1.
Liberal Studies Experience Course 3	3			

Semester Seven: [15-17 Credit Hours]

BIO Other Sciences Course 3	3-4		X	Area II. C. 4 course; A total of 38 hours is required in Section II. C.
BIO Other Sciences Course 4	3-4		X	Area II. C. 4 course; A total of 38 hours is required in Section II. C.
Liberal Studies Experience Course 4	3			If Gen Ed is complete, take Free Elective
Free Elective	3			
Free Elective	3			

Semester Eight: [13-15 Credit Hours]

BIO 4501, 4700, 4910 or 4519	3		X	CAPSTONE. BIO 4510 is an option for honors students
BIO Other Sciences Course 5	3-4		X	Area II. C. 4 course; A total of 38 hours is required in Section II. C.
BIO Other Sciences Course 6	3-4		X	Area II. C. 4 course; IF NEEDED to reach a total of 38 hours in Section II. C.; Otherwise, Free Elective needed
Free Elective	4*			*Take enough Free Electives to reach a total of 122 hours for the degree

General Requirements Summary

Minimum Total Hours	Gen Ed. Hours	Writing	Minimum	
			Major GPA	Overall GPA
122	44	RC 1000 and RC 2001	2.0	2.0

All BIO courses and all courses in Area II on Program of Study count in the major GPA.

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General Education Program Model - 44 Semester Hours Total

Program Categories	Hours	Important Notes – <i>Be sure to check for Gen Ed courses required in your major</i>
First Year Seminar	3	Can be taken first or second semester of freshman year
Wellness Literacy	2	
Quantitative Literacy	4	
First Year Writing	3	Can be taken first or second semester of freshman year
Sophomore Writing	3	
Integrative Learning Experience	9	Must choose a minimum of two disciplines
Liberal Studies Experience	12	Must choose a minimum of three disciplines
Science Inquiry	8	

You must also meet the Fine Arts, Literary Studies, Historical Studies, and the Social Science Designations. Those may be met within the Integrative Learning Experience and the Liberal Studies Experience.

Additional Notes:

- Residency Requirements:
 - 32 hours overall must be from ASU
 - 18 hours in the major must be from ASU
 - 9 hours in the minor must be from ASU
 - Final 30 hours must be courses taken through ASU (includes internships, study abroad taken through ASU)