

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 (<i>PRE: MAT 1020 or equivalent test score</i>)
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 (<i>PRE: MAT 1020 or equivalent test score</i>)
BIO 1802	4		X	
MAT 1110	4		X	If taken in Semester One, take free elective here; Counts as Gen Ed Quantitative Literacy
Integrative Learning Experience Course 1	3			HS or LS or FA or SS Designation

Semester Three : [17 Credit Hours]

BIO 2300	1		X	May take fall or spring of sophomore year
BIO 2012	3		X	May take fall or spring of sophomore year
CHE 2101 & 2102	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	
Cellular/Subcellular or Anatomy & Physiology Course	3-4		X	Choose one course from Cell/Subcell or A&P area on POS; (Must choose one [WID] course overall when choosing course options)
Evolution or Ecology or Environmental Course 1	3-4		X	Choose one course from Evol or Ecol or Environ area on POS; A total of 3 courses is required; (Must choose one [WID] course overall when choosing course options)
Integrative Learning Experience Course 2	3			HS or LS or FA or SS Designation

Semester Five: [13-16 Credit Hours]

Evolution or Ecology or Environmental Course 2	3-4		X	Choose one course from Evol or Ecol or Environ area on POS; A total of 3 courses is required; (Must choose one [WID] course overall when choosing course options)
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Biodiversity Course 1	3-4		X	Choose one course from Biodiversity area on POS; A total of 2 courses is required; (Must choose one [WID] course overall when choosing course options)
Integrative Learning Experience Course 3	3			
Other Sciences Course 1	3-4		X	Choose one course from Other Sciences area on POS; A total of 14-20 hours is required to bring the total in the Ecology, Evolution, Environmental Concentration area to 38 hours
Gen Ed Wellness Literacy	1			

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

Semester Six: [15-18 Credit Hours]

Biodiversity Course 2	3-4		X	Choose one course from Biodiversity area on POS; A total of 2 courses is required; (Must choose one [WID] course overall when choosing course options)
Other Sciences Course 2	3-4		X	Choose one course from Other Sciences area on POS; A total of 14-20 hours is required to bring the total in the Ecology, Evolution, Environmental Concentration area to 38 hours
Liberal Studies Experience Course 2	3			HS or LS or FA or SS Designation
Evolution or Ecology or Environmental Course 3	3-4		X	Choose one course from Evol or Ecol or Environ area on POS; A total of 3 courses is required; (Must choose one [WID] course overall when choosing course options)
Liberal Studies Experience Course 3	3			

Semester Seven: [12-14 Credit Hours]

BIO 4501, 4700, 4910 or 4519	3		X	CAPSTONE ; May be taken in summer, fall, or spring of final year
Other Sciences Course 3	3-4		X	Choose one course from Other Sciences area on POS; A total of 14-20 hours is required to bring the total in the Ecology, Evolution, Environmental Concentration area to 38 hours
Other Sciences Course 4	3-4		X	Choose one course from Other Sciences area on POS; A total of 14-20 hours is required to bring the total in the Ecology, Evolution, Environmental Concentration area to 38 hours
Free Elective	3			

Semester Eight: [9-13 Credit Hours]

Other Sciences Course 5	3-4		X	Choose one course from Other Sciences area on POS; A total of 14-20 hours is required to bring the total in the Ecology, Evolution, Environmental Concentration area to 38 hours
Other Sciences Course 6	3-4		X	Choose one course from Other Sciences area on POS IF NEEDED to reach a total of 38 hours in Section II. C.; Otherwise, Free Elective needed
Liberal Studies Experience Course 4	3			If Gen Ed is complete, take Free Elective
Free Elective	0-3*			Only take this course if you haven't reached 120 total hours for the degree

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General Requirements Summary				
Minimum Total Hours	Gen Ed. Hours	Writing	Minimum	
			Major GPA	Overall GPA
120	44	RC 1000 and RC 2001	2.0	2.0

All BIO courses and all courses in Major Requirements section on Program of Study count in the major GPA.

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	
<p>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.</p>		

Additional Notes:

- Residency Requirements:
 - 30 hours overall must be from ASU
 - 18 hours in the major must be from ASU
 - 9 hours in the minor must be from ASU