

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. Shaded areas of plan require special attention.

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			First Year Seminar (may take fall or spring 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: [16 Credit Hours]

ENG 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
Gen Ed Wellness Literacy	1			

Semester Three : [16 Credit Hours]

BIO 2400 or 2700	3		X	May take fall or spring of sophomore year
CHE 2201 & 2203	4	C-	X	
STT 2810	3		X	
ENG 2001	3			May take in fall or spring of sophomore year
Gen Ed Perspective	3			Fine Arts Designation

Semester Four: [14 Credit Hours]

BIO 2012	3		X	May take fall or spring of sophomore year
BIO 2600	3		X	May take fall or spring of sophomore year
BIO 2410 or 2610	1		X	
CHE 2202 & 2204	4		X	
Gen Ed Perspective	3			Historical Studies Designation

Semester Five: [17-18 Credit Hours]

BIO 3301 or 3314 or 4555	4		X	May be taken fall or spring of junior year
BIO Evol/Ecology or Biodiversity	3-4		X	Area II. C. 1 Biology; Need a total of 15 hours in area II. C 1 & 2
CHE 4580	3		X	
PHY 1103	4		X	
Gen Ed Perspective	3			

Semester Six: [14-15 Credit Hours]

BIO 3800	4		X	[WID] ; May be taken fall or spring of junior year
BIO Cell/Subcell or Anat & Phys	3-4		X	Area II. C. 2 Biology; Need a total of 15 hours in area II. C 1 & 2
PHY 1104	4		X	

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Gen Ed Perspective	3			
Semester Seven: [15-17 Credit Hours]				
BIO Cell/Subcell or Anat & Phys	3-4		X	Area II. C. 2 Biology; Need a total of 15 hours in area II. C 1 & 2
BIO Cell/Subcell or Anat & Phys	3-4		X	Area II. C. 2 Biology; Need a total of 15 hours in area II. C 1 & 2
Gen Ed Perspective	3			
Gen Ed Perspective	3			Literary Studies Designation
Free Elective	3			
Semester Eight: [15-16 Credit Hours]				
BIO 4501 or 4700 or 4910	3			CAPSTONE
BIO Cell/Subcell or Anat & Phys	3-4		X	Area II. C. 2 Biology; Need a total of 15 hours in area II. C 1 & 2 OR if not needed, take free elective
Gen Ed Perspective	3			If Gen Ed is complete, take Free Elective
Free Elective (Not BIO)	3			
Free Elective	3*			*Take enough Free Electives to reach a total of 128 hours required for the degree

General Requirements Summary				
Minimum Total Hours	Gen Ed. Hours	Writing	Minimum	
			Major GPA	Overall GPA
128	44	ENG 1000 and ENG 2001	2.0	2.0

All BIO courses and all courses used in Area II are counted 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	
Perspectives:	29	

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Aesthetic	6 or 9			
Historical & Social	6 or 9			
Local to Global	6 or 9			
Science Inquiry	8			

Additional Notes:

- A minor in Chemistry may be completed by adding CHE 4581.
- Residency Requirements:
 - 32 hours must be from ASU
 - 18 hours in the major must be from ASU
 - 9 hours in the minor must be from ASU