

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]**

UCO 1200	3			May take in fall or spring semester first year
Integrative Learning Experience Course 1	3			
CHE 1101 & 1110	4		X	Counts towards Gen Ed Science Inquiry as well
BIO 1801	4	C	X	
Gen Ed Wellness Literacy	2			Take two PE Activity courses or one 2-hour course from POS

**Semester Two: [18 Credit Hours]**

RC 1000	3			May take in fall or spring semester first year
CHE 1102 & 1120	4		X	Counts towards Gen Ed Science Inquiry
BIO 1802	4		X	
MAT 1110	4		X	(PRE: MAT 1025 with C-)
Foreign Language 1040	3			1020 or 1030 is prerequisite; If test out of this level, take appropriate level or Free Elective if language is complete (FL 1060 may be an option for some lang)

**Semester Three : [16 Credit Hours]**

RC 2001	3			May take fall or spring of sophomore year
BIO 2400 or 2700	3		X	May take fall or spring of sophomore year
CHE 2201 & 2203	4	C-	X	
STT 2810	3		X	
Foreign Language 1050	3			Counts as <b>Liberal Studies Experience Course 1</b> ; if language complete, take Free Elective

**Semester Four: [16 Credit Hours]**

BIO 2012	3		X	May take fall or spring of sophomore year
CHE 2202 & 2204	4		X	
Minor Course 1	3			
Minor Course 2	3			
Liberal Studies Experience Course 2	3			HS or LS or FA or SS Designation

**Semester Five: [15-18 Credit Hours]**

BIO Cellular/Subcellular course	3-4		X	AREA A in section III. C. on POS. <i>(The total in Area III. C must be 17 hours. One course MUST be a [WID] course.)</i>
BIO Evolution or Ecology course	3-4		X	AREA B in section III. C. on POS. <i>(The total in Area III. C must be 17 hours. One course MUST be a [WID] course. )</i>
Physics or Geography Course 1	3-4		X	
Minor Course 3	3			
Integrative Learning Experience Course 2	3			HS or LS or FA or SS Designation

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**Semester Six: [15-17 Credit Hours]**

BIO Anatomy & Physiology Course	3-4		X	AREA C in section III. C. on POS. <i>(The total in Area III. C must be 17 hours. One course MUST be a [WID] course.)</i>
Physics or Geography Course 2	3-4		X	
Minor Course 4	3			
Minor Course 5	3			
Liberal Studies Experience Course 3	3			HS or LS or FA or SS Designation

**Semester Seven: [15-18 Credit Hours]**

BIO Biodiversity Course	3-4		X	AREA D in section III. C. on POS. <i>(The total in Area III. C must be 17 hours. One MUST be a [WID] course.)</i>
Additional Course from Area III. C. AREAS	3-4		X	Total in AREA III. C. MUST be 17 hours and one course must be a [WID].
Physics or Geography Course 3	3-4		X	Only If needed to reach 8 hours in that section
Integrative Learning Experience Course 3	3			
Liberal Studies Experience Course 4	3			HS or LS or FA or SS Designation

**Semester Eight: [15 Credit Hours]**

BIO 4501 or 4700 or 4910	3		X	<b>CAPSTONE</b>
Additional Course from Area III. C. AREAS	3		X	Total in AREA III. C. MUST be 17 hours and one course must be a [WID]. If this course is not needed for Area III. C., then take Free Elective.
Minor Course 6	3			If needed for 18 hour minor; otherwise free elective
Minor Course 7	3			If needed for 21 hour minor, otherwise free elective
Free Elective	3*			*Take enough Free Electives to reach the minimum 128 required for the degree.

**General Requirements Summary**

Minimum Total Hours	Gen Ed. Hours	Writing	Minimum	
			Major GPA	Overall GPA
128	44	RC 1000 and RC 2001	2.0	2.0

**All BIO courses and all courses in Area III on the Program of Study are counted in the major GPA.**

\*Some minors require a 2.0 GPA. See Programs of Study for information.

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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:**

- No more than 46 hours in BIO may be counted towards the degree.
- Minor outside Biology required for this degree.
- Foreign language requirement:
  - Student must take the Foreign Language Placement Test to determine starting course for the foreign language sequence.
  - If Foreign Language 1010 & 1020 taken for prerequisite purposes, they will count in place of 6 hours of Free Electives (3 hours per course).
  - FL 1030 may substitute for FL 1010 & 1020 for some languages; FL 1060 may substitute for FL 1040 & 1050 for some languages.
  - Foreign language classes can be taken in summer semesters.
- 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)