BS, Environmental Science
Life Sciences Concentration
BS_121D
College of Arts & Sciences
Department of Geological & Environmental Sciences
2020-2021

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	Include in Major GPA	Important Notes POS = Program of Study
Semester One: [14 Credit Hours]				
GES 1010	3		X	
GES 1101	4		X	
UCO 1200	3			May take fall or spring of first year
RC 1000	3			May take fall or spring of first year
Gen Ed Wellness Literacy Course	1			
Semester Two: [15 Credit Hours]				
GES 2250	4		X	
BIO 1801	4	C	X	
CHE 1101 & 1110	4		X	Also meets **Gen Ed Science Inquiry** requirement *(Pre: MAT 1020 or equivalent test score)*
Liberal Studies Experience Course 1	3			HS or LS or FA or SS Designation
Semester Three : [15 Credit Hours]				
CHE 1102 & 1120	4		X	Also meets **Gen Ed Science Inquiry** requirement *(Pre: MAT 1020 or equivalent test score)*
MAT 1110	4	C-	X	Also meets **Gen Ed Quantitative Literacy** requirement
RC 2001	3			May take fall or spring of sophomore year
Integrative Learning Experience Course 1	3			HS or LS or FA or SS Designation
Gen Ed Wellness Literacy Course	1			
Semester Four: [14-16 Credit Hours]				
BIO 1802	4		X	
PHY 1103 or PHY 1150	4 or 5		X	
GES 3105	3		X	**[WID]**
Life Science Core Course 1	3-4		X	Must choose courses from **Life Science Core** area on POS; A total of 16 hours (4-6 courses) required
Semester Five: [16 Credit Hours]				
GES 3310 or CHE 3310	3		X	Offered Fall semester only
BIO 3302	4		X	
GHY 3812	3		X	GHY 3812 requires prerequisite of GHY 2310 & 2812; see dept for help with prerequisites
Integrative Learning Experience Course 2	3			HS or LS or FA or SS Designation
Liberal Studies Experience Course 2	3			

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Semester Six: [16-18 Credit Hours]				
Life Science Core Course 2	3-4		X	Must choose courses from **Life Science Core** area on POS; A total of 16 hours (4-6 courses) required
Life Science Core Course 3	3-4		X	Must choose courses from **Life Science Core** area on POS; A total of 16 hours (4-6 courses) required
STT 3850	4		X	
Integrative Learning Experience Course 3	3			
Liberal Studies Experience Course 3	3			HS or LS or FA or SS Designation
Semester Seven: [13-14 Credit Hours]				
CHE 2101 & 2102 OR CHE 2201 & 2203	4		X	
Life Science Core Course 4	3-4		X	Must choose courses from **Life Science Core** area on POS; A total of 16 hours (4-6 courses) required
Social Sys/Ecosystem Course 1	3		X	Must choose courses from **Social System – Ecosystem Integration Electives** area on POS; A total of 6 hours (2 courses) required
Liberal Studies Experience Course 4	3			
Semester Eight: [10-17 Credit Hours]				
GES 4105	1		X	**CAPSTONE;** GES 4510 is an option for honors students
Life Science Core Course 5 or Free Elective	3-4		X	Must choose courses from **Life Science Core** area on POS; A total of 16 hours (4-6 courses) required; If Life Science Core area complete, take Free Elective
Life Science Core Course 6 or Free Elective	3-4		X	Must choose courses from **Life Science Core** area on POS; A total of 16 hours (4-6 courses) required; If Life Science Core area complete, take Free Elective
Social Sys/Ecosystem Course 2	3		X	Must choose courses from **Social System – Ecosystem Integration Electives** area on POS; A total of 6 hours (2 courses) Required
Free Electives	0-7			*Make sure to take enough Free Elective to earn the 120 hours required for the degree.

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Course Subject and Title	Credit Hours	Min. Grade Required	Include in Major GPA	Important Notes POS = Program of Study

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 courses in GES and all courses in Major Requirements area on POS count in major GPA.

General Education Program Model - 44 Semester Hours Total		
Program Categories	Hours	Important Notes – *Be sure to check for Gen Ed courses required in your major*
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	Can be taken first or second semester of second year
Perspectives:	29	
Aesthetic	6 or 9	
Historical & Social	6 or 9	
Local to Global	6 or 9	
Science Inquiry	8	

Additional Notes:

- Study Abroad: Please see program director
- Summer courses: Please refer to the appropriate departmental policy for courses
- **THIS 4 YEAR PLAN IS AN EXAMPLE AND SHOULD BE MODIFIED DURING STUDENT ADVISING. PLEASE SEE ENVIRONMENT.APPSTATE.EDU FOR OTHER EXAMPLE 4-YEAR PLANS**.
- Residency Requirements:

  o 30 hours must be from ASU
  o 18 hours in the major must be from ASU
  o 9 hours in the minor must be from ASU