

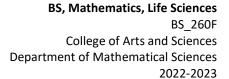


This four year guide is a recommended semester-by semester plan of study for this major. All four year guides are meant as examples of how a degree can be completed in four years. Individual plans will be developed for each student in consultation with the academic advisor. Prior credit, course availability,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

Shaded areas of guide require special attention.

6 6 1 1 1 1 1 1 1 1	Credit	Min.	Included	Important Notes
Course Subject and Title	Hours	Grade Required	in Major GPA	POS = Program of Study

		Semest	er One: [	15 Credit Hours]
RC 1000	3			May take in fall or spring semester of first year
MAT 1110	4	C-	Х	Also meets <b>Gen Ed Quantitative Literacy</b> requirement; Minimum C- required as prerequisite to MAT 1120
CHE 1101/1110	4		Х	Also counts in <b>Gen Ed Science Inquiry</b> requirement; (PRE: MAT 1020 or equivalent test score)
Liberal Studies Experience Course 1	3			HS or LS or FA or SS Designation
Gen Ed Wellness course	1			
		Semeste	r Two: [1	5-16 Credit Hours]
UCO 1200	3			May take in fall or spring semester of first year
MAT 1120	4	C-	Х	
CHE 1102/1120	4		х	Also counts in <b>Gen Ed Science Inquiry</b> requirement; (PRE: MAT 1020 or equivalent test score)
Life Sciences Concentration Required Sequence Course 1	3-4		Х	
Gen Ed Wellness course	1			
		Semeste	er Three:	[16 Credit Hours]
RC 2001	3			May take in fall or spring semester of sophomore year
MAT 2130	3		Х	
MAT 2240	3		Х	
MAT 2310	4		Х	(Fall only)
Integrative Learning Experience Course 1	3			
		Semest	er Four:	[14 Credit Hours]
MAT 2110	4		Х	
MAT 3130	3		Х	
STT 3850	4		Х	
Liberal Studies Experience Course 2	3			HS or LS or FA or SS Designation
		Semeste	r Five: [1	5-16 Credit Hours]
MAT 3110 or 3220	3		Х	[WID] Writing in the Discipline
Life Sciences Concentration Required Sequence Course 2	3-4		Х	
Life Sciences Electives Course 1	3		х	Choose additional <b>Life Sciences Concentration</b> courses to bring to total hours to at least 25 in concentration. Additional courses must be at or above the 2000 level and selected from a single departmental prefix in the list BIO, CHE, GHY, and GES.
Integrative Learning Experience Course 2	3			HS or LS or FA or SS Designation





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

Liberal Studies Experience Course 3	3		
		Semester Six: [1	5 Credit Hours]
Life Sciences Electives Course 3	3	х	Choose additional <b>Life Sciences Concentration</b> courses to bring to total hours to at least 25 in concentration. Additional courses must be at or above the 2000 level and selected from a single departmental prefix in the list BIO, CHE, GHY, and GES.
Liberal Studies Experience Course 4	3		HS or LS or FA or SS Designation
Free Elective	3		
Free Elective	3		
		Semester Seven: [	15 Credit Hours]
MAT 4040	1	Х	[CAP] Capstone; The capstone course has a co-requisite of concurrent enrollment in an associated 4000 level course chosen from the Depth Requirements or Major Electives
MAT 4310, 4420 or 4590	3	Х	
Depth Requirements Course	3	Х	Choose from list of <b>Depth Requirements</b> area on POS; A total of 3 hours in this area is required
Major Elective	3	Х	Choose from list of <b>Major Electives</b> area on POS; A total of 3 hours of electives required
Life Sciences Electives Course 4 OR Free Elective	2*	х	Choose additional <b>Life Sciences Concentration</b> courses to bring to total hours to at least 25 in concentration. Additional courses must be at or above the 2000 level and selected from a single departmental prefix in the list BIO, CHE, GHY, and GES. If all hours in concentration are complete, take Free Elective.
		Semester Eight: [13	3-15 Credit Hours]
Integrative Learning Experience Course 3	3		
Free Elective	10-12		*Take enough hours to reach the minimum 120 required for the degree

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



BS, Mathematics, Life Sciences

BS\_260F

College of Arts and Sciences

Department of Mathematical Sciences

2022-2023

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

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				
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:**

- Please consult with your advisor to ensure you will complete the appropriate number of free electives as needed to reach the 120 total hours required for your degree.
- Residency Requirements:
  - 30 hours must be from ASU
  - o 18 hours in the major must be from ASU
  - 9 hours in the minor must be from ASU