BS, Biology; Secondary Education BS_142D College of Arts & Sciences Department of Biology

2021-2022



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 Number	Credit Hours	Min. Grade Required	Included in Major GPA	Important Notes POS = Program of Study

		Seme	ester One:	: [14 Credit Hours]
RC 1000	3			May be taken in fall or spring of first year
Integrative Learning Experience (ILE) Course 1	3			HS or LS or FA or SS Designation
BIO 1801	4	С	Х	
CHE 1101 & 1110	4		х	Should be taken in 1st or 2 nd semester. Counts towards Gen Ed Science Inquiry (PRE: MAT 1020 or equivalent test score)
		Seme	ester Two	: [17 Credit Hours]
UCO 1200	3			May take fall or spring of first year
ILE Course 2	3			HS or LS or FA or SS Designation
Liberal Studies Experience (LSE) Course 1	3			HS or LS or FA or SS Designation; PSY 3010 is strongly recommended as an LSE course for this degree
CHE 1102 & 1120	4		Х	Counts towards Gen Ed Science Inquiry (PRE: MAT 1020 or equivalent test score)
BIO 1802	4		Х	
		Semes	ster Three	e: [16 Credit Hours]
RC 2001	3			May take fall or spring semester of sophomore year
EDU 2000	3	С		Required prior to admission to College of Education
EDU 2100	3	С		Required prior to admission to College of Education
BIO 2012	3		Х	May take fall or spring semester of sophomore year
BIO 2400	3		Х	
BIO 2410	1		Х	
Complete Tea	cher Edu	cation Ad	mission a	pplication (Min 2.7 cumulative GPA required)
		Seme	ster Four	: [14 Credit Hours]
LSE Course 2	3			HS or LS or FA or SS Designation
BIO 3312 or BIO 3302	3		Х	May take spring of sophomore year or fall semester of junior year
CHE 2101 & 2102	4		Х	
STT 2820	4		Х	Counts towards Gen Ed Quantitative Literacy
		Seme	ester Five:	: [15 Credit Hours]
ILE Course 3	3			
Gen Ed Wellness Literacy	1			
EDU 3000	3	С		Requires Admission to teacher education
BIO 3521	1		Х	
GS 3300	3		Х	Offered Fall Semester only for Secondary Science Ed students
PHY 1103	4		Х	

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		Sen	nester Six	x: [17 Credit Hours]
LSE Course 3	3			
EDU 3100	3	С		Requires Admission to teacher education
BIO 3301 or BIO 4555	4		Х	May take fall or spring semester of junior year
GS 4403	3	С	Х	Spring only for Secondary; Take the last spring before CI 4900.
PHY 1104	4		Х	
		Seme	ester Sev	en: [15 Credit Hours]
LSE Course 4	3			
Gen Ed Wellness Literacy	1			
BIO 3800	4		Х	May take fall or spring semester of junior year
GES 1101	4		Х	
GS 4404	3	С	Х	Offered Fall Semester only
		Sem	ester Eigl	ht: [12 Credit Hours]
EDU 4900 Student Teaching (CAP)	12			Capstone ; Minimum 2.7 cumulative GPA required to do student teaching

General Requirements Summary							
Minimum	nimum Gen Ed.		Minimum				
Total Hours Hours	Writing	Major GPA	Overall GPA				
120	44	RC 1000 and RC 2001	2.0	2.7			

All BIO courses and all courses in Major Requirements section of Program of Study are counted 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			



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course subject and realiser	Hours	Required	GPA	POS = Program of Study

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:

- PSY 3010 is strongly recommended as an LSE course for this degree.
- Admission to Teacher Education is required. To be admitted to the Teacher Education Program students must have a minimum 2.7 cumulative GPA and take & satisfy testing requirements for Reading, Writing and Math areas of the PRAXIS (PPST or CBT).
- Graduation & licensure requires a cumulative 2.7 GPA.
- 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:

- o 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