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.

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

	1	'	1	
		Seme	ster One:	[18 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
CHE 1101 & 1110	4		х	Should be taken in 1st or 2 nd semester. Counts towards Gen Ed Science Inquiry as well. (PRE: MAT 1020 or equivalent test score)
MAT 1110	4		Х	Counts towards Gen Ed Quantitative Literacy as well
BIO 1801	4	С	Х	
		Seme	ster Two:	[15 Credit Hours]
CHE 1102 & 1120	4		х	Counts towards Gen Ed Science Inquiry as well. (PRE: MAT 1020 or equivalent test score)
BIO 1802	4		Х	
PHY 1103	4		Х	
UCO 1200	3			May take fall or spring of first year
		Semes	ter Three	: [14Credit Hours]
RC 2001	3			May take fall or spring semester of sophomore year
FDN 2400	2	С		Required prior to admission to College of Education
CI 2300	2	С		Required prior to admission to College of Education
BIO 2012	3		Х	May take fall or spring semester of sophomore year
BIO 2410	1		Х	
BIO 2400	3		Х	
Complete Te	acher Edu	cation Adr	mission ap	oplication (Min 2.7 cumulative GPA required)
		Seme	ster Four:	[17 Credit Hours]
BIO 3312 or BIO 3302	3		х	May take spring of sophomore year or fall semester of junior year
PHY 1104	4		Х	
PSY 3010	3	С		This can also count as Liberal Studies Experience Course 1
CHE 2101 & 2102	4		Х	
Liberal Studies Experience Course 2	3			HS or LS or FA or SS Designation
		Seme	ster Five:	[14 Credit Hours]
BIO 3301 or BIO 4555	4		Х	May take fall or spring semester of junior year
BIO 3521	1		Х	
SPE 3300	3	С		Requires Admission to teacher education
ILE Course 2	3			HS or LS or FA or SS Designation
Liberal Studies Experience Course 3	3			HS or LS or FA or SS Designation

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		Seme	ester Six:	[16 Credit Hours]
GS 4403	3	С	Х	
STT 2810	3		Х	
CI 3400	2	С		Requires Admission to teacher education
BIO 3800	4		Х	May take fall or spring semester of junior year
Liberal Studies Experience Course 4	3			
Gen Ed Wellness Literacy	1			
		Semes	ter Seven	: [14 Credit Hours]
Gen Ed Wellness Literacy	1			
GES 1101	4		Х	
GS 4404	3	С	Х	Offered Fall Semester only
Integrative Learning Experience Course 3	3			
Free Elective	3*			*Take enough Free Electives to reach the 120 hours required for degree (including student teaching)
		Semes	ter Eight	: [12 Credit Hours]
CI 4900 Student Teaching (CAP)	12			Capstone ; Minimum 2.7 cumulative GPA required to do student teaching

General Requirements Summary					
Minimum	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		



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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:

- Reading & English proficiencies required.
- 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
- 18 hours in the major must be from ASU
- 9 hours in the minor must be from ASU