

2024-2025 ASSOCIATE IN SCIENCE (A.S) AWC ADVISEMENT CHECK SHEET

To help you decide upon which courses to include in both the major and elective blocks, you and your advisor should consult university requirements (aztransfer.com) for specific required and recommended courses. Sign in to your [Self-Service Student Planning](#) account to load the recommended program map and to track your academic progress.

ENVIRONMENTAL SCIENCES- BIOLOGY EMPHASIS

Student Name	ID #	Advisor	Major Code: AS.ESBIO Credits: 65
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Intended for students pursuing a career in fields such as environmental consulting, natural resource management, science education, or graduate school in the sciences. Two emphases are available: Applied Geology and Biology. Students may complete the BS degree with a Biology Emphasis entirely at NAU in Yuma. The Applied Geology Emphasis requires transfer to NAU in Flagstaff or elsewhere for the BS degree.

Required Major Courses (8 Credits)		Cr	Sem	Notes
ENV 230	Foundations of Environmental Science: Humans and the Environment	4		
ENV 280	Physical and Chemical Processes in Environment	4		
Other Departmental Requirements (20 Credits)		Cr	Sem	Notes
BIO 181	General Biology (Majors) I	4		
BIO 182	General Biology (Majors) II	4		
BIO 205	Microbiology	4		
GPH 213	Intro to Climate Science	4		
MAT 270	Applied Statistics	4		
Arizona General Education Curriculum - AGEC-S (37 Credits)		Cr	Sem	Notes
See the AGEC-S course list in the current catalog for selection of courses.				
English Composition (6 credits)				
ENG 101 or 107	Freshman Composition	3		
ENG 102 or 108	Freshman Composition	3		
Mathematics (5 credits)				
MAT 220	Calculus I with Analytic Geometry OR approved higher level math	5		
<i>MAT 220 prerequisite: MAT 150 and MAT 183 or MAT 151 and MAT 183 or MAT 187</i>				
Arts/Humanities - Select at least one course from the Arts list and one course from the Humanities list. (6 credits)				
	Arts:			
	Humanities:			
Social and Behavioral Sciences (6 credits)				
Physical and Biological Sciences (8 credits)				
CHM 151	General Chemistry I	4		
<i>CHM 151 prerequisite: MAT 150 or MAT 151 or approved higher level math</i>				
CHM 152	General Chemistry II	4		
Additional Courses (6-8 credits)				

***Dual Application of Courses** is the sharing of coursework between the AGEC and major or program requirements which allows the student to meet both requirements with a single course. Students must still meet the required number of credits to satisfy the program or degree.

List any courses used to satisfy program or degree credits due to dual application and or courses that satisfy the Cultural (C) and Global (G) or Historical (H), or Writing Intensive (WI) awareness areas.

	Dual App
	Dual App
	C or G
	H
	WI