

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.

BIOLOGY

Student Name	ID #	Advisor	Major Code: AS.BIOLO Credits: 64
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This program is designed for those students pursuing a career in biological sciences. Students who wish to pursue a pre-med preparation should follow this program as well. It is recommended that all students who wish to enter other related fields, such as medical technology or pre-professional health science (pre-dental, pre-optometry, pre-pharmacy, and pre-veterinary) should also follow this program and consult with an Academic Advisor for the appropriate courses and sequences for their particular field. Students may also be interested in the A.S. degree in Environmental Sciences with Biology Emphasis.

Required Major Courses (8 Credits)		Cr	Sem	Notes
BIO 181	General Biology (Majors) I	4		
BIO 182	General Biology (Majors) II	4		

Other Departmental Requirements (19 Credits)		Cr	Sem	Notes
BIO 205	Microbiology	4		
MAT 270	Applied Statistics	4		

MAT 270 prerequisite: MAT 142 or approved higher level math

Select at least one of the following courses		Cr	Sem	Notes
BIO 218	Pathophysiology	4		
ENV 230	Foundations of Environmental Science: Humans and the Environment	4		
BIO 254	Entomology	4		

Select at least 7 additional credits from the following courses **Cr Sem Notes**

BIO 201, BIO 202, BIO 218, BIO 254; CHM 235, CHM 236; ENV 230, ENV 280; GLG 101, GLG 102, GLG 110; PLS 200, PLS 211, PLS 240; PHY 111, PHY 112, PHY 121, PHY 131

It is critical that the appropriate courses are chosen and that these are completed in proper sequence; you should review specific requirements of the university to which you wish to transfer.

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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	
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MAT 220 prerequisite: MAT 150 and MAT 183 or MAT 151 and MAT 183 or MAT 187

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)

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Physical and Biological Sciences (8 credits)

CHM 151	General Chemistry I	4	
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CHM 151 prerequisite: MAT 150 or MAT 151 or approved higher level math

CHM 152	General Chemistry II	4	
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Additional Courses (6-8 credits)

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***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

