

Area of Interest: Biological/Physical Sciences & Agriculture

Degree: Associate of Science (AS)

Pathway: Biology

Certificate: AGEC-S

College Catalog: 2024-2025



Program Location: All Campuses

Program Description: The Biology pathway with AS in degree is for the student seeking a degree in biology and/or a professional discipline (e.g., medical, dental, pharmacy). Students will discover principles of laboratory science and build foundations in cell biology, genetics, ecology, evolution, and more. Students will study living organisms at a micro and macro level and will gain a perspective on both the unity and diversity that living organisms demonstrate.

Contact Information: stem.advising@centralaz.edu

Area of Interest Website: centralaz.edu/areasofinterest

Legend

Bold Course=Required Course

Recommended Course (**R**); see AGEC List, AZTransfer Major Guide, or an advisor for transfer options.

AGEC Course list (Arizona General Education Curriculum).

Written Communication (**WC**) Oral Communication (**OC**) Arts/Humanities (**AH**) Social/Behavioral Science (**SB**)

Lab Science (**LS**) Mathematics (**M**) Subject Option (SO) Transfer Elective (**TE**)

Special Awareness Requirements for transfer degrees met through courses on the AGEC Course list.

Cultural Awareness (**CU**)

Global/Historical Awareness (**GI/HI**)

Intensive Writing (**IW**)

Semester 1: New Students-Find your suggested starting point for English/Reading & Math courses.

		COURSE	CREDITS	SEMESTER/GRADE	NOTES
	WC	ENG101 College Composition I	3		
	M	MAT221 Analytical Geometry & Calculus I	4		Math prerequisites may be needed. Consult with Academic Advisor
	SO	CHM151 General Chemistry I	4		Prerequisite/Corequisite: CHM090 Preparation for College Chemistry. Consult advisor for additional options.
	LS	BIO181 General Biology I	4		
		Semester Credits:	15	Meet with your CAC advisor and plan your path!	

Semester 2

		COURSE	CREDITS	SEMESTER/GRADE	NOTES
	WC	ENG102 College Composition II	3		
	AH	Select an AGEC Arts & Humanities course	3		
	SO	CHM152 General Chemistry II	4		
	LS	BIO182 General Biology II	4		
		Semester Credits:	14	Research Career and Transfer Opportunities!	

Semester 3

		COURSE	CREDITS	SEMESTER/GRADE	NOTES
	AH	Select an AGEC Arts & Humanities course	3		
	SB	Select an AGEC Social & Behavioral course	3		
	TE	Transfer Elective Option: Math/Science/Language Transfer Option	4		
R	TE	CHM235 Organic Chemistry I	4		Fall Only
R	TE	MAT162 Applied Statistics	3		

Semester Credits:**17****Apply for graduation and attend transfer events!****Semester 4**

		COURSE	CREDITS	SEMESTER/GRADE	NOTES
	SB	Select an AGECE Social & Behavioral course	3		
R	TE	CHM236 Organic Chemistry II	4		Spring Only
	TE	Transfer Elective Option: Math/Science/Language Transfer Option	4		
	TE	Transfer Elective Option: Math/Science/Language Transfer Option	4		
Semester Credits:			15	Finish Strong-don't get distracted before finals!	
Total Degree Credits:			61		

Arizona Resident Tuition for 2024-2025 is \$75 per credit hour; see [Paying for College](#). Financial aid may be available

Transfer Information

AZTransfer: Biology Major Guide: has a list of transfer programs at ASU, NAU, or UA.

Note: Some programs require a foreign language requirement (CAC offers Spanish or Sign Language).

CAC University Transfer Center: centralaz.edu/transfer FREE CAC transfer resources and assistance.

Career Information

CAC Career Center: centralaz.edu/career FREE CAC career resources and assistance.

O*NET OnLine: Visit onetonline.org and search for:

Occupations in Biology, including:

- Education needed for specific occupations
- Occupation tasks, knowledge, skills and abilities
- Salary/wages for specific occupations (\$)

Note: Use this Program MAP as a guide to choose courses with your advisor and track progress towards milestones and completion of program. Work with an advisor to customize your plan to align with your specific career and/or transfer goals.

Part-Time Students: Plans can be modified to fit the need of part-time students by adding more semesters.

Student Name:**Advisor Name:****Student ID Number:** 880**Date:**