

Area of Interest: Biological/Physical Sciences & Agriculture

Degree: Associate of Science (AS)

Pathway: Chemistry

Certificate: AGEC-S

College Catalog: 2024-2025



Program Location: All Campuses

Program Description: The Chemistry pathway with an AS degree is for the student seeking a degree in chemistry. Students will discover principles of laboratory science and build foundations in organic and inorganic chemistry. Additionally, students will complete a broad array of math and science transferrable coursework in preparation for university transfer.

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 .
	LS	CHM151 General Chemistry I	4		Prerequisite/Corequisite: CHM090 Preparation for College Chemistry. Consult advisor for additional options.
	TE	Transfer Elective Options: Math/Science/Language Transfer options	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		
	LS	CHM152 General Chemistry II	4		
R	TE	MAT231 Analytical Geometry & Calc II	4		
Semester Credits:			14	Research Career and Transfer Opportunities!	

Semester 3

		COURSE	CREDITS	SEMESTER/GRADE	NOTES
	AH	Select an AGEC Art & Humanities course	3		
	SB	Select an AGEC Social & Behavioral course	3		
	SO	CHM235 General Organic Chemistry I	4		Fall Only
R	TE	PHY121 University Physics I	4		Fall Only
R	TE	MAT241 Analytical Geometry & Calc III	4		
Semester Credits:			18	Apply for graduation and attend transfer events!	

Semester 4

		COURSE	CREDITS	SEMESTER/GRADE	NOTES
	SB	Select an AGEC Social & Behavioral course	3		
	SO	CHM236 General Organic Chem II	4		Spring Only
R	TE	PHY122 University Physics II	4		Spring Only
	TE	Transfer Elective Options: Math/Science/Language Transfer options	4		
		Semester Credits:	15	Finish Strong-don't get distracted before finals!	
		Total Degree Credits:	62		

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

Transfer Information

AZTransfer: Chemistry 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 Chemistry, 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: