

Best Choices Guide

Chemistry (BA)

This Associate of Arts degree is designed for Colorado Community College System (CCCS) students who want to transfer to UCCS and complete a Bachelor of Arts degree with a major in Chemistry. It is based on the [best academic advising choices](#) for future UCCS students. Please note that final graduation requirements for the bachelor's degree will be based on your year of admission to UCCS. Contact transfer@uccs.edu for more information.

To earn the Associate of Arts Degree, students must complete the following course requirements for a total of 60 semester credit hours, at least 34 of which must be Colorado State-Guaranteed Courses. Courses taken at other colleges, AP, IB, CLEP, DSST, and other sources of credit may not be applicable upon transfer to UCCS even if applied to the associate's degree at CCCS. Check the CDHE's [GT Pathways](#) website for more information.

To transfer to UCCS, students should have a cumulative GPA of 2.0 or better.

Degree Requirements	Courses	
Written Communication (6 hours)	<ul style="list-style-type: none"> ENG 121/1021 ENG 122/1022 <p><i>Note: Students who test into ENG 122/1022 should take ENG 201/2001 or HIS 265/2765 as their second written communication course.</i></p>	
Mathematics (5 hours)	<ul style="list-style-type: none"> MAT 201/2410 <p><i>Note: Credits over 4 will be applied to the additional requirements below.</i></p>	
Arts & Humanities (3 hours)	<ul style="list-style-type: none"> Complete one GT-AH Course (GT-AH1) (GT-AH2) (GT-AH3) (GT-AH4) 	
History (3 hours)	<ul style="list-style-type: none"> Complete one GT-HI Course (GT-HI) (DO NOT take more than one GT-HI course for this AA.) 	
Social & Behavioral Sciences (3 hours)	<ul style="list-style-type: none"> Complete one GT-SS Course (GT-SS1) (GT-SS2) (GT-SS3) <p><i>Note: These courses are highly recommended: ANT 101/1001, GEO 105/1005 or GEO 106/1006</i></p>	
Physical and Life Sciences (10 hours)	<ul style="list-style-type: none"> CHE 111/1111 CHE 112/1112 	
Additional Requirements (30 hours) Courses recommended by UCCS for this degree.	CHE 211/2111	5
	CHE 212/2112	5
	MAT 202/2420	5
	MAT 203/2430	4
	PHY 211/2111	5
	PHY 212/2112	5
	General Electives	1

Other AA/AS Requirements

- A minimum of 60 credit hours in a prescribed program of study with a cumulative grade point average of 2.0 (a C average). At least 15 of these credit hours must be earned from CCCS.
- Only 6 elective credits are allowed in any combination of PED courses.
- Career and technical courses, whether taken at another institution or at CCCS, are not accepted toward this degree without approval of the CCCS Vice President for Instructional Services. Approval is given only when it is appropriate to the educational objectives of the student.
- Courses numbered below 100 do not apply towards degrees

State-Wide Articulation Agreement

This guide is based on the Colorado state-wide transfer articulation for your major. For additional information regarding guarantees, limitations, and addendums to that agreement please visit the Guaranteed Transfer and Guided Pathways page on the Colorado Department of Higher Education website (higher.ed.colorado.gov/Academics/Transfers/Students.html).

Additional Resources

The UCCS transfer website (www.uccs.edu/transfer) has many additional resources for students transferring from CCCS to UCCS.

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Four-Year Degree Plan - Chemistry

The following four-year plan lists all the specific course requirements for the Bachelor of Arts in Chemistry degree at UCCS. Courses are listed by the course number at the appropriate institution. The order in which these courses are taken may vary with course availability. **Students are responsible for completing all course prerequisites.** Please note that this is a *suggested* degree program; your program may vary.

Suggested First Year

FALL			SPRING		
√	Course	Hours	√	Course	Hours
	ENG 121/1021	3		ENG 122/1022	3
	CHE 111/1111	5		CHE 112/1112	5
	GT-AH course	3		MAT 201/2410	5
	GT-SS course (<i>see recommendations above</i>)	3		GT-HI course	3
	TOTAL	14		TOTAL	16

Suggested Second Year

FALL			SPRING		
√	Course	Hours	√	Course	Hours
	CHE 211/2111	5		CHE 212/2112	5
	MAT 202/2420	5		MAT 203/2430	4
	PHY 211/2111	5		PHY 212/2112	5
				General Elective	1
	TOTAL	15		TOTAL	15

Suggested Third Year

FALL			SPRING		
√	Course	Hours	√	Course	Hours
	CHEM 4001/4002	4		CHEM 4011/4012	5
	CHEM 4101	3		CHEM 4111	3
	CHEM 4102	1		CHEM 4112	1
	BIOL 1350	3		CHEM 4211	3
	Humanities Elective	3		Social Science Elective (<i>Inclusiveness</i>)	3
	TOTAL	14		TOTAL	15

Suggested Fourth Year

FALL			SPRING		
√	Course	Hours	√	Course	Hours
	CHEM 4301	3		Upper Division (UD) CHEM Elective	3
	CHEM 4911	3		UD CHEM Elective	2
	HUM 3990	3		UD General Elective (<i>Sustainability</i>)	3
	Social Science Elective	3		UD General Elective	4
	General Elective (<i>Cultural Diversity</i>)	3		UD General Elective	4
	TOTAL	15		TOTAL	16

UCCS Bachelor of Arts, Chemistry Major Requirements

- A minimum of 120 hours must be completed with a cumulative CU grade point average of 2.0; at least 45 of these hours must be at the upper-division level (courses numbered 3000-4999).
- The Chemistry major requires a minimum of 51 hours with a grade point average of 2.0, and at least 16 of the hours must be at the upper-division level (courses numbered 3000-4999).
- The last 30 hours of the degree must be completed while registered in the College of Letters, Arts and Sciences at UCCS.
- In addition to the requirements listed on this handout, students are required to complete one course in Oral Communication, Cultural Diversity and Global Awareness. The courses may be within the major, part of general education or electives. Chemistry majors will have met the Global Awareness requirement by completing one course from ANT 101, GEO 105 or GEO 106 at the community college.

Prospective Student Advising: Transfer Advisor (transfer@uccs.edu)