Best Choices Guide

Chemistry - Secondary Education Option (BA)

This Associate of Science pathway 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 - Secondary Education Option. 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 Science Degree, students must complete courses listed on page 1 of this guide for a total of 60 credit hours. At least 31 credits must be GT Pathways Courses. At least 15 credit hours must be earned from the CCC granting the AA or AS degree. 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.

A cumulative GPA of 2.0 or better is required for transfer student admission to UCCS. A minimum grade of C- or higher is required for courses to transfer to UCCS.

Degree Requirements = 36 hours	Courses	
Written Communication (6 hours)	• ENG 1021 • ENG 1022 *Note: Students who test into ENG 122/1022 should take ENG 201/2001 or HIS 265/2765 as their second written communication course.*	
Mathematics[1] (5 hours)	• MAT 2410	
Arts & Humanities (6 hours)	• Complete two GT-AH courses (GT-AH1) (GT-AH2) (GT-AH3) (GT-AH4)	
History (3 hours)	• Complete one GT-HI1 course (GT-HI1) (**DO NOT** take more than one GT-HI course for this AA.)	
Social & Behavioral Sciences (6 hours)	• Complete two GT-SS courses (GT-SS1) (GT-SS2) (GT-SS3) *GEO 1006 is highly recommended, and fulfills an Inclusiveness course at UCCS.* *SOC 2007 is also highly recommended, and fulfills an Inclusiveness and Sustainability course at UCCS.*	
Natural and Physical Sciences (10 hours)	• CHE 1111 • CHE 1112	
Additional Recommended Courses (25 hours)	CHE 2111	5
	CHE 2112	5
	BIO 1111	5
	GEY 1111	4
	EDU 2211 *(fulfills EDUC 1000 at UCCS)*	3
	EDU 2341 *(fulfills EDUC 2700 at UCCS)*	3

[1]Reasoning Skills – UCCS

The College of Letters, Arts and Sciences (LAS) at UCCS requires all students to complete a Reasoning Skills requirement.

- **Chemistry – Secondary Education Option majors** take MAT 201/2410 **AND** a required Statistics course for the major (CHEM 4001 Analytical Chemistry I) to fulfill the Reasoning Skills requirement at UCCS.

Language other than English - UCCS

Beginning fall 2023, the College of Letters, Arts and Sciences (LAS) at UCCS requires all students to complete a language requirement as part of their degree program. Students who provide a final, official transcript showing completion of an Associate's degree prior to their first semester of enrollment at UCCS will be waived from this requirement. For those who don't complete the Associate's degree, the second semester of a world language (ex: SPA 1012, Spanish Language II) or higher completes the requirement. Students who completed two years of the same world language in high school, or have AP, IB, or CLEP scores equivalent to a Language II course, will have completed the requirement upon receipt of high school transcripts and/or exam scores. Other exemptions and test-out options are available.

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Four-Year Degree Plan - Chemistry - Secondary Education Option

The following four-year plan lists all the specific course requirements for the Bachelor of Arts in Chemistry - Secondary Education Option 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 1021	3		ENG 1022	3
	BIO 1111	5		MAT 2410	5
	CHE 1111	5		CHE 1112	5
	GT-AH course	3		GT-SS course - *SOC 2007 highly recommended*	3
	TOTAL	16		**TOTAL**	16

Suggested Second Year

FALL			SPRING		
√	*Course*	*Hours*	√	*Course*	*Hours*
	CHE 2111	5		CHE 2112	5
	EDU 2211	3		EDU 2341	3
	GT-SS course - *GEO 1006 highly recommended*	3		GEY 1111	4
	GT-HI1 course	3		GT-AH course	3
	TOTAL	14		**TOTAL**	15

Suggested Third Year

FALL			SPRING		
√	*Course*	*Hours*	√	*Course*	*Hours*
	CHEM 4001 & 4002 *(Reasoning Skills)*	4		CHEM 4101 **or** 4111	3
	PES 1110 & 1160	5		PES 1120 & 2160	5
	ASTR 1050 **or** 1060	3		HUM 3990	3
	EDUC 2000	3		UTED 3020	3
	UTED 1030	3		UTED 4710	4
	TOTAL	18		**TOTAL**	18

Suggested Fourth Year

FALL			SPRING		
√	*Course*	*Hours*	√	*Course*	*Hours*
	CHEM 4211	3		EDUC 4950 *(Oral Comm)*	12
	Upper-Division (UD) CHEM Elective	3			
	UD CHEM Elective	3			
	EDUC 3800	3			
	UTED 4720	3			
	UD General Elective *(Inclusiveness - US/Local) (if needed)*	(3)			
	TOTAL	15-18		**TOTAL**	12

UCCS Bachelor of Arts, Chemistry - Secondary Education Option 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 (UD) level (courses numbered 3000 or above).
- **This pathway requires 124-127 credit hours to complete due to the difference in science hours and an additional UD CHEM elective.** Most Education programs require an additional 1-8 credits hours beyond the required minimum 120 hours to complete a bachelor's degree.
- This Chemistry-Secondary Education pathway requires a minimum of 36 CHEM hours with a grade point average of 2.0. At least 16 of the hours must be at the UD level.
- At least 30 hours of the degree must be completed while registered in the College of Letters, Arts and Sciences at UCCS.

Additional Resources

- Visit the UCCS Transfer website at Transfer Admissions
- Contact a Transfer Advisor at transfer@uccs.edu