

Best Choices Guide

Mathematics - Secondary Education Option (BA)

This Associate of Arts pathway is designed for Colorado Community College System (CCCS) students who want to transfer to UCCS and complete a Bachelor of Science degree with a major in Mathematics - 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 Arts 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	Courses	
Written Communication (6 hours)	- ENG 121/1021 - ENG 122/1022 <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>	
Mathematics¹ (5 hours)	MAT 201/2410	
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) <i>Note: These courses are highly recommended: ECO 101/1001 and 1 additional course from the following: COM 220/2300, GEO 106/1006, or SOC 101/1001.</i>	
Physical and Life Sciences (7 hours)	Complete two GT-SC courses. (GT-SC1) (GT-SC2) At least one course MUST come from the GT-SC1 category.	
Additional Recommendations (27 hours) Courses recommended by UCCS for this degree.	COM 115/1150	3
	MAT 202/2420	5
	MAT 203/2430	4
	MAT 215/2520	4
	MAT 255/2540	3
	EDU 221/2211	3
	General Electives ²	7

¹Reasoning Skills – UCCS

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

- Mathematics majors** take MAT 201/2410 (OR MATH 1350 at UCCS) **AND** a required Statistics course (MATH 3810 Introduction to Probability and Statistics) for the major to fulfill the Reasoning Skills requirement at UCCS.

²Language 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 - Mathematics - Secondary Education Option

The following four-year plan lists all the specific course requirements for the Bachelor of Science in Mathematics - 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 121/1021	3		ENG 122/1022	3
	MAT 201/2410	5		MAT 202/2420	5
	GT-AH course	3		GT-SC1 course	4
	GT-SS course	3		General Elective	3
	TOTAL	14		TOTAL	15

Suggested Second Year

FALL			SPRING		
✓	Course	Hours	✓	Course	Hours
	MAT 203/2430	4		COM 115/1150	3
	MAT 215/2520	4		MAT 255/2540	3
	GT-HI1 course	3		GT-AH course	3
	GT-SC course	5		GT-SS course (<i>Recommended: ECO 101/1001</i>)	3
				GT-SS course (<i>Recommended: COM 220/2300, GEO 106/1006, or SOC 101/1001</i>)	3
	TOTAL	16		TOTAL	15

Suggested Third Year

FALL			SPRING		
✓	Course	Hours	✓	Course	Hours
	MATH 2650 (Fall Only)	3		MATH 3020	3
	MATH 3010	3		MATH 3110 (Spring Only)	3
	EDUC 1000	3		MATH 3410 (Spring Only)	3
	EDUC 2000	3		UTED 3020	3
	UTED 1030	3		UTED 4710	3
	General Elective (<i>Writing Intensive</i>)	3			
	TOTAL	18		TOTAL	15

Suggested Fourth Year

FALL			SPRING		
✓	Course	Hours	✓	Course	Hours
	MATH 3210	3		UTED 4730	12
	MATH 3400	3		HUM 3990	3
	MATH 3810	3			
	MATH 4000 Elective	3			
	EDUC 3800	3			
	EDUC 3994	1			
	UTED 4720 (<i>Writing Intensive</i>)	3			
	TOTAL	19		TOTAL	15

UCCS Bachelor of Science, Mathematics - 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 level (courses numbered 3000-4999).
- Most Education programs require an additional 1-8 credits hours beyond the required 120 hours to complete the degree.
- The Mathematics - Secondary Education Option major requires a minimum of 45 hours with a grade point average of 2.0, and at least 27 of the hours must be at the upper-division 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](https://www.uccs.edu/transfer)
- Contact a Transfer Advisor at transfer@uccs.edu