

Best Choices Guide

Mathematics - Secondary Education Option (BS)

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 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 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>	
Oral Communication (3 hours)	<ul style="list-style-type: none"> Complete COM 125/1250 or COM 220/2300 	
Mathematics (5 hours)	<ul style="list-style-type: none"> MAT 201/2410 	
Arts & Humanities (6 hours)	<ul style="list-style-type: none"> Complete two GT-AH courses (GT-AH1) (GT-AH2) (GT-AH3) (GT-AH4) 	
History (3 hours)	<ul style="list-style-type: none"> Complete one GT-HI1 course (GT-HI1) (DO NOT take more than one GT-HI course for this AA.) 	
Social & Behavioral Sciences (9 hours)	<ul style="list-style-type: none"> Complete three GT-SS Courses (GT-SS1) (GT-SS2) (GT-SS3) 	
Physical and Life Sciences (7 hours)	<ul style="list-style-type: none"> Complete two GT-SC courses. (GT-SC1) (GT-SC2) <p>At least one course MUST come from the GT-SC1 category.</p> <p><i>Note: Credits over 7 will be applied to the additional Science hours below.</i></p>	
Additional Requirements (21 hours) Courses recommended by UCCS for this degree.	Two additional hours of Natural & Physical Sciences (GT-SC1 , GT-SC2)	2
	MAT 202/2420	5
	MAT 203/2430	4
	MAT 215/2520	4
	MAT 255/2540	3
	General Electives	3

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.
- Career and technical courses, whether taken at another institution or at CCCS, are not accepted toward this degree without approval. Approval is given only when it is appropriate to the educational objectives of the student.
- Courses numbered below 100/1000 do not apply towards degrees.

Language other than English - UCCS

Beginning fall 2023, the College of Letters, Arts and Sciences at UCCS requires all students to meet a language requirement equivalent to two semesters of beginner-level instruction in a language other than English before graduation. Students will have fulfilled the requirement upon admission by having completed any of the following equivalents to the first two semesters of language courses (1010/1020) at UCCS: two years of the same world language in high school; AP, IB, or CLEP scores; or completion of a World Language course 1012 or higher in the Colorado Community College System. Students who graduated from high school prior to 1993 and veteran and active duty military students in specific situations will be exempt. Students may test out of all or part of the requirement by taking a placement exam at UCCS. **Please contact a Transfer Advisor (transfer@uccs.edu) with questions.**

Additional Resources

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

Best Choices Guide

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 125/1250 or COM 220/2300	3
	MAT 215/2520	4		MAT 255/2540	3
	GT-HI1 course	3		GT-AH course	3
	GT-SC course	5		GT-SS course	3
				GT-SS course	3
	TOTAL	16		TOTAL	15

Suggested Third Year

FALL			SPRING		
✓	Course	Hours	✓	Course	Hours
	MATH 3210	3		MATH 3110 (Spring Only)	3
	MATH 3480 or UTLS 3480 (Fall Only)	3		MATH 3400	3
	HUM 3990	3		MATH 3410 (Spring Only)	3
	UTED 1030	3		UTED 3020	3
	UTED 2010	3		UTED 4710	3
				UTLS 3030 (Spring Only)	3
	TOTAL	15		TOTAL	18

Suggested Fourth Year

FALL			SPRING		
✓	Course	Hours	✓	Course	Hours
	MATH 3810	3		UTED 4730	12
	MATH 4140 or 4310 (Fall Only)	3			
	MATH 4000 Elective	3			
	MATH 4000 Elective	3			
	UTED 4720	3			
	TOTAL	15		TOTAL	12

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 33 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. Mathematics - Secondary Education Option majors will meet these requirements by completing the required courses at UCCS.

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