

Mathematics (BA)

This Associate of Arts degree is designed for PCC students who want to transfer to UCCS and complete a Bachelor of Arts degree with a major in Mathematics. It is based on the [best academic advising choices](#) for future UCCS students.

To earn the Associate of Arts Degree, students must complete the following course requirements for a total of 60 semester credit hours, at least 35 of which must be Colorado State-Guaranteed Courses. Courses taken at other colleges, AP, IB, CLEP, and other sources of credit may not be applicable upon transfer to UCCS even if applied to the associate's degree at PCC.

To transfer to UCCS, students should have a cumulative GPA of 2.4 or better, *including all remedial and repeated courses*. (Students with a transfer GPA between 2.0 and 2.39 will be considered for admission.) Each transfer course must have a grade of "C" or better.

Degree Requirements	Courses					
Communication (9 credit hours)	ENG 121	<i>Note: Students who test into ENG 122, should take ENG 201 as their second composition course.</i>				
	ENG 122					
	COM 125					
Mathematics (5 credit hours)	Category GT-MA1					
	MAT 201					
Arts & Humanities/Social & Behavioral Sciences (18 credit hours) 1. Select three courses from at least two different GT-AH areas. 2. Select one GT-HI course. Do not take more than one GT-HI course for the AA. 3. Select two courses from two different GT-SS areas. ANT 101, GEO 105 or GEO 106 are preferred options to fulfill part of this requirement for UCCS students.	Category GT-AH1					
	ART 110	ART 111	ART 112	ART 207	MUS 120	MUS 122
	MUS 125	THE 105	THE 211	THE 212		
	Category GT-AH2					
	HUM 115	HUM 121	LIT 115	LIT 201	LIT 202	LIT 205
	LIT 211	LIT 212	LIT 246			
	Category GT-AH3					
	PHI 111	PHI 112	PHI 113	PHI 114	PHI 115	PHI 214
	PHI 218	PHI 220				
	Category GT-AH4					
	FRE 211	FRE 212	GER 211	GER212	ITA 211	ITA 212
	SPA 211	SPA 212				
	Category GT-HI1					
	HIS 101	HIS 102	HIS 111	HIS 112	HIS 121	HIS 122
HIS 225	HIS 244	HIS 247				
Category GT-SS1						
ECO 201	ECO 202	ECO 245	POS 105	POS 111	POS 125	
Category GT-SS2						
GEO 105	GEO 106					
Category GT-SS3						
ANT 101	ANT 107	ANT 215	COM 220	ETH 200	PSY 101	
PSY 102	PSY 205	PSY 217	PSY 226	PSY 227	PSY 235	
PSY 238	PSY 240	PSY 249	PSY 265	SOC 101	SOC 102	
SOC 205	SOC 215	SOC 216	SOC 218	SOC 231	SOC 237	
WST 200						

Physical and Life Sciences (10 credit hours) Complete PHY 211 and PHY 212.	Category GT-SC1				
	PHY 211	PHY 212			
Additional Requirements 18 credits recommended by UCCS for this degree plus remaining courses from the approved course list.	MAT 202				5
	MAT 203 or MAT 204				4-5
	CSC 160				4
	Open Electives				4-5

Other AA Requirements

1. 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 PCC.
2. Only 6 elective credits are allowed in any combination of PED courses.
3. Career and technical courses, whether taken at another institution or at PCC, are not accepted toward this degree without approval of the vice president for educational services. Approval is given only when it is appropriate to the educational objectives of the student.
4. 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 (higherred.colorado.gov/Academics/Transfers/Students.html).

Foreign Language Note – UCCS

UCCS admission requirements include 2 years of the same high school foreign language (or equivalent 2 semesters at the Community College). Students planning to attend UCCS who do not have the prerequisite foreign language requirement should consider enrolling in these courses in addition to the degree requirements. This admission requirement does not apply to those who graduated from high school prior to 1988, who have a GED, who graduated from a non-U.S. high school, or who can prove proficiency in a foreign language through the 2nd semester at college level. **Please check with the Transfer Advisor (transfer@uccs.edu) to see if this requirement applies to you.**

Advising at PCC

(719) 549-3177

Additional Resources

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

Four-Year Degree Plan - Mathematics

The following four-year plan lists all the specific course requirements for the Bachelor of Arts in Mathematics 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	3		ENG 122	3
	MAT 201	5		MAT 202	5
	GT-AH course	3		CSC 160	4
	GT-SS course	3		GT-AH course	3
		TOTAL			TOTAL
		14			15

Suggested Second Year

FALL			SPRING		
√	Course	Hours	√	Course	Hours
	MAT 203 or MAT 204	4-5		GT-HI course	3
	PHY 211	5		PHY 212	5
	General Elective	4-5		COM 125	3
	GT-SS course	3		GT-AH course	3
		TOTAL			TOTAL
		17			14

Suggested Third Year

FALL			SPRING		
√	Course	Hours	√	Course	Hours
	MATH 2150	3		MATH 3810 (Or Math 3100 –Spring Only)	3
	MATH 3130	3		UD MATH Elective (MATH 3110 Recommended)	3
	MATH 3400	3		UD MATH Elective (MATH 3410 Recommended)	3
	Upper-Division (UD) General Elective	3		General Elective	3
	PHIL 3420 (Req. Humanities Elective)	3		UD General Elective	3
		TOTAL			TOTAL
		15			15

Suggested Fourth Year

FALL			SPRING		
√	Course	Hours	√	Course	Hours
	MATH 4310 (Fall Only)	3		MATH 4040	1
	MATH 4140 (Fall Only)	3		MATH 4480 or MATH 4850	3
	HUM 3990 (Req. Humanities Elective)	3		UD MATH Elective	3
	General Elective (<i>Cultural Diversity</i>)	3		General Elective	4
	UD General Elective	3		UD General Elective	4
		TOTAL			TOTAL
		15			15

UCCS Bachelor of Arts, Mathematics Major Requirements

1. 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).
2. The Mathematics major requires a minimum of 43 hours with a grade point average of 2.0, and at least 28 of the hours must be at the upper-division level (courses numbered 3000-4999)
3. The last 30 hours of the degree must be completed while registered in the College of Letters, Arts and Sciences at UCCS.
4. 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 majors will have met the Global Awareness requirements by completing one course from ANT 101, GEO 105 or GEO 106 at the community college and Oral Communication by taking MATH 4040 at UCCS. The Cultural Diversity requirement will be met by taking an approved general elective course at UCCS.
5. For specific department information and recommendations, please visit www.uccs.edu/math.

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