

Best Choices Guide

Computer Science (BA)

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

To earn the Associate of Applied Science Degree in Software Development and Security from Pueblo Community College, students must complete the following course requirements for a total of 60 semester credit hours, at least 24 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 ACC. Check the CDHE's [GI 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 (3 hours)	<ul style="list-style-type: none"> ENG 121 or ENG 131
Mathematics (4 hours)	<ul style="list-style-type: none"> Complete MAT 121
General Education (9 hours)	<ul style="list-style-type: none"> CIS 115 CIS 118 CSC 120
CIS Core (11 hours)	<ul style="list-style-type: none"> CIS 223 CIS 287 CNG 142 CNG 132
Software Development and Security Core (33 hours)	<ul style="list-style-type: none"> CIS 240 CIS 243 CSC 129 CSC 160 CSC 161 CSC 217 CSC 225 CSC 267 CWB 205 CWB 206

Other AAS 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 PCC.
- Courses numbered below 100 do not apply towards degrees

Foreign Language Note – UCCS

UCCS admission requirements include 2 years of the same high school foreign language (or equivalent 2 semesters at Pueblo 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. Students who do not meet this requirement will need to fulfill it upon transferring to UCCS. 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.**

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 – Computer Science

The following four-year plan lists all the specific course requirements for the Bachelor of Arts in Computer Science 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 or ENG 131	3		CIS 223	3
	CIS 115	3		CIS 243	3
	CIS 118	3		CIS 240	3
	CSC 120	3		CNG 132	3
	MAT 121	4		CSC 160	4
		TOTAL			TOTAL
		16			16

Suggested Second Year

FALL			SPRING		
√	Course	Hours	√	Course	Hours
	CIS 243	3		CIS 287	2
	CSC 129	3		CSC 225	4
	CSC 161	4		CSC 267	3
	CSC 217	3		CWB 206	3
	CWB 205	3			
		TOTAL			TOTAL
		16			12

Suggested Third Year

FALL			SPRING		
√	Course	Hours	√	Course	Hours
	ENGL 1310 or TCID 2090	3		CS 2020	3
	CS 2060	3		CS 2300	3
	CS 2150	3		CS 3300	3
	CS 3160	3		Explore – AHC (<i>Inclusiveness</i>)	3
	Explore – SBH	3		Explore – PNW (<i>Sustainability</i>)	3
		TOTAL			TOTAL
		15			15

Suggested Fourth Year

FALL			SPRING		
√	Course	Hours	√	Course	Hours
	CS Core Course	3		CS 4300	3
	CS Core Course	3		CS Core Course	3
	CS Track Course	3		CS Track Course	3
	CS Track Course	3		CS Track Course	3
	Navigate (<i>WIC</i>)	3		CS Track Course	3
		TOTAL			TOTAL
		15			15

UCCS Bachelor of Arts, Computer Science 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 Computer Science major requires a minimum of 36 hours and 18 hours in a CS Track, with a grade point average of 2.0, and at least 34 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 Engineering & Applied Science at UCCS.

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