

Best Choices Guide

Computer Science (BA)

This Associate of Science degree 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 Computer Science. 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's degree with Designation (DwD), 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. A minimum grade of C- or higher is required for courses to transfer to UCCS.

Degree Requirements = 33 hrs		Courses		
Written Communication ¹ (6 hours)	ENG 131/1031 – Technical Writing I (CO1) and ENG 122/1022 - English Composition II (CO2)			
Mathematics (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)			
Physical and Life Sciences (7 hours)	Select two courses. (GT-SC1) (GT-SC2) At least one course MUST come from the GT-SC1 category.			
Additional Requirements (27 hours) Courses recommended by UCCS for this degree. *NOTE: CSC 1060 & 1061 should both be taken in either Java or C++ (Java is preferred). If only CSC 1060 is taken, it must be in Java or it may need to be repeated at UCCS.	PPSC Courses		UCCS Equivalents	Credit Hours
	CSC 119/1019		CS 1120	3
	CSC 160/1060* (CSC 1019 prereq)		CS 1150 (<i>taught only in Java</i>)	4
	CSC 161/1061* (CSC 1060 prereq)		CS 1450 (<i>taught only in Java</i>)	4
	CSC 225/2025 (CSC 1061 co-req)		CS 2160	4
	CSC 230/2030 (CSC 1019 prereq, 1060 co-req)		CS 2060	3
	General Electives			9

¹Technical Writing I is required for the Computer Science, BS degree at UCCS.

State-Wide Articulation Agreement

This guide is based on the Colorado State-Wide Transfer Articulation Agreement (STAA) for your major. For additional information regarding guarantees, limitations, and addendums to that agreement please visit: [Transfer Degrees | Colorado Department of Higher Education Home](#).

Additional Resources

- Visit the UCCS Transfer website at [Transfer Admissions](#)
- Contact a Transfer Advisor at transfer@uccs.edu

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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 131/1031	3		ENG 122/1022	3
	CSC 119/1019	3		CSC 160/1060 (<i>Java preferred</i>)	4
	MAT 201/2410	5		GT-AH course MAT 201/2410	3
	GT-AH course	3		GT-SS course	3
	GT-SS course	3		General Elective	2
	TOTAL	17		TOTAL	15

Suggested Second Year

FALL			SPRING		
√	Course	Hours	√	Course	Hours
	CSC 161/1061 (<i>Java preferred</i>)	4		CSC 225/2025	4
	GT-HI course	3		CSC 230/2030	3
	GT-SC course	3		GT-SC1 course	4
	General Elective	4		General Elective	3
	TOTAL	14		TOTAL	14

Suggested Third Year

FALL			SPRING		
√	Course	Hours	√	Course	Hours
	General Elective	3		CS 2020	3
	CS 2150 or MATH 2150	3		CS 3160	3
	CS 2300 or MATH 3130 (Calc III prereq)	3		CS 3300	3
	CS 2080	3		CS Core Elective	3
	CS 3020, 3060 or 3080	3		Upper-Division (UD) General Elective (<i>Sustainability</i>)	3
	TOTAL	15		TOTAL	15

Suggested Fourth Year

FALL			SPRING		
√	Course	Hours	√	Course	Hours
	CS Track Course	3		CS 4300	3
	CS Track Course	3		CS Track Course	3
	CS Track Course	3		CS Track Course	3
	CS Core Elective	3		CS Track Course	3
	UD General Elective (<i>Writing Intensive/Inclusiveness</i>)	3		UD General Elective (<i>Navigate</i>)	3
	TOTAL	15		TOTAL	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, BA major requires a minimum of 36 hours plus 18 hours of CS Track courses, and a grade point average (GPA) of 2.0. At least 36 hours for the major must be at the upper-division level.
- The last 30 hours of the degree must be completed while registered in the College of Engineering & Applied Science at UCCS.