

# Best Choices Guide

## Computer Science (BA)

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 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 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. Students need a 3.0, or higher, GPA to be admitted into the Computer Science BS program.

Degree Requirements	Courses	
<b>Written Communication</b> (6 hours)	<ul style="list-style-type: none"> <li>ENG 121 or ENG 122</li> <li>ENG 122 or one <a href="#">GT-CO2</a> course</li> </ul> <i>Note: Students who test into ENG 122 should take <b>ENG 201</b> as their second written communication course.</i>	
<b>Oral Communication</b> (3 hours)	<ul style="list-style-type: none"> <li>Complete COM 115, COM 125, or COM 220</li> </ul>	
<b>Mathematics</b> (4 hours)	<ul style="list-style-type: none"> <li>Complete MAT 121 or MAT 201</li> </ul>	
<b>Arts &amp; Humanities</b> (6 hours)	<ul style="list-style-type: none"> <li>Complete two GT-AH courses (<a href="#">GT-AH1</a>) (<a href="#">GT-AH2</a>) (<a href="#">GT-AH3</a>) (<a href="#">GT-AH4</a>)</li> </ul>	
<b>History</b> (3 hours)	<ul style="list-style-type: none"> <li>Complete one GT-HI1 course (<a href="#">GT-HI1</a>) (<b>DO NOT</b> take more than one GT-HI course for this AA.)</li> </ul>	
<b>Social &amp; Behavioral Sciences</b> (6 hours)	<ul style="list-style-type: none"> <li>Complete two GT-SS Courses (<a href="#">GT-SS1</a>) (<a href="#">GT-SS2</a>) (<a href="#">GT-SS3</a>)</li> </ul>	
<b>Physical and Life Sciences</b> (8 hours)	<ul style="list-style-type: none"> <li>Select two courses. (<a href="#">GT-SC1</a>) (<a href="#">GT-SC2</a>)</li> </ul> At least one course <b>MUST</b> come from the GT-SC1 category. <i>Note: Credits over 8 will be applied to the additional requirements below.</i>	
<b>Additional Requirements</b>		
<b>(24 hours)</b> Courses recommended by UCCS for this degree.	CSC 119	3
	CSC 160	4
	CSC 161	4
	CSC 225	4
	CSC 230	3
	General Electives	6

### 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.
- Only 6 elective credits are allowed in any combination of PED courses.
- Career and technical courses, whether taken at another institution or at CCCS, are not accepted toward this degree without approval of the CCCS Vice President for Instructional Services. Approval is given only when it is appropriate to the educational objectives of the student.
- 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 Pikes Peak 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 2<sup>nd</sup> semester at college level. **Please check with the Transfer Advisor ([transfer@uccs.edu](mailto:transfer@uccs.edu)) to see if this requirement applies to you.**

### Additional Resources

The UCCS transfer website ([www.uccs.edu/transfer](http://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 122	3		ENG 122 or GT-CO2 course	3
	CSC 119	3		CSC 160	4
	MAT 121	4		GT-AH course	3
	GT-AH course	3		GT-SS course	3
	GT-SS course	3		General Elective	3
	<b>TOTAL</b>	<b>16</b>		<b>TOTAL</b>	<b>16</b>

### Suggested Second Year

FALL			SPRING		
√	Course	Hours	√	Course	Hours
	CSC 161	4		CSC 225	4
	GT-SC course	4		CSC 230	3
	COM 115, 125, or 220	3		GT-SC course	4
	GT-HI course	3		General Elective	3
	<b>TOTAL</b>	<b>14</b>		<b>TOTAL</b>	<b>14</b>

### Suggested Third Year

FALL			SPRING		
√	Course	Hours	√	Course	Hours
	TCID 2090	3		CS 2020	3
	CS 2150	3		CS 3020, 3060 or 3080	3
	CS 2300	3		CS Core Course	3
	CS Core Course	3		CS Core Course	3
	CS Core Course	3		General Elective ( <i>Navigate/Writing Intensive</i> )	3
	<b>TOTAL</b>	<b>15</b>		<b>TOTAL</b>	<b>15</b>

### Suggested Fourth Year

FALL			SPRING		
√	Course	Hours	√	Course	Hours
	CS Core Course	3		CS 4300	3
	CS Track Course	3		CS Track Course	3
	CS Track Course	3		CS Track Course	3
	CS Track Course	3		CS Track Course	3
	General Elective ( <i>Inclusiveness</i> )	3		General Elective ( <i>Sustainability</i> )	3
	<b>TOTAL</b>	<b>15</b>		<b>TOTAL</b>	<b>15</b>

### 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 35 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](mailto:transfer@uccs.edu))