

# 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 Networking Cybersecurity from Pueblo Community College, students must complete the following course requirements for a total of 63 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 [GT Pathways](#) website for more information.

To transfer to UCCS, students should have a cumulative GPA of 2.0 or better.

Degree Requirements	Courses
<b>Written Communication</b> (3 hours)	<ul style="list-style-type: none"> <li>ENG 121 or ENG 131</li> </ul>
<b>Mathematics</b> (4 hours)	<ul style="list-style-type: none"> <li>MAT 121</li> </ul>
<b>General Education</b> (12 hours)	<ul style="list-style-type: none"> <li>CSC 120</li> <li>CSC 129</li> <li>ECO 201</li> <li>One GT-AH course</li> </ul>
<b>CIS Core</b> (33 hours)	<ul style="list-style-type: none"> <li>CIS 223</li> <li>CNG 104</li> <li>CNG 120</li> <li>CNG 124</li> <li>CNG 131 or CNG 133</li> <li>CNG 132</li> <li>CNG 136</li> <li>CNG 142</li> <li>CNG 212</li> <li>CNG 224</li> <li>CNG 258</li> </ul>
<b>Electives</b> (11 hours)	<ul style="list-style-type: none"> <li>CSC 160</li> <li>CSC 161</li> <li>CSC 267</li> </ul>

### 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 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.

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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 121 or ENG 131	3		CIS 223	3
	CNG 104	3		CNG 120	4
	CSC 120	3		CNG 124	3
	ECO 201	3		CSC 160	4
	MAT 121	4			
	<b>TOTAL</b>	<b>16</b>		<b>TOTAL</b>	<b>14</b>

### Suggested Second Year

FALL			SPRING		
√	Course	Hours	√	Course	Hours
	CNG 131 or 133	3		GT-AH Course	3
	CNG 132	3		CNG 212	4
	CNG 136	3		CNG 224	3
	CSC 129	3		CNG 258	4
	CSC 161	4		CSC 267	3
	<b>TOTAL</b>	<b>16</b>		<b>TOTAL</b>	<b>17</b>

### Suggested Third Year

FALL			SPRING		
√	Course	Hours	√	Course	Hours
	ENGL 1310 or TCID 2090	3		CS 2200	3
	CS 2060	3		CS 2300	3
	CS 2150	3		CS 3300	3
	CS 2160	3		Explore – PNW ( <i>Sustainability</i> )	3
	CS Core Course	3			
	<b>TOTAL</b>	<b>15</b>		<b>TOTAL</b>	<b>12</b>

### Suggested Fourth Year

FALL			SPRING		
√	Course	Hours	√	Course	Hours
	CS 3160	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, Inclusiveness</i> )	3		CS Track Course	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 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](mailto:transfer@uccs.edu))