

## Computer Science (BS)

This Associate of Science degree is designed for PCC students who want to transfer to UCCS and complete a Bachelor of Science 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 Science 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 2.5 or better, *including all remedial and repeated courses*. (Students with a transfer GPA between 2.0 and 2.49 will be considered for admission.) Each transfer course must have a grade of "C" or better.

Degree Requirements	Courses					
<b>Communication</b> (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 115 or COM 125					
<b>Mathematics</b> (5 credit hours)	<b>Category GT-MA1</b>					
	MAT 201					
<b>Arts &amp; Humanities/Social &amp; Behavioral Sciences</b> (15 credit hours)  1. Select two courses from two different GT-AH areas.	<b>Category GT-AH1</b>					
	ART 110	ART 111	ART 112	ART 207	DAN 125	MUS 120
	MUS 121	MUS 122	MUS 123	MUS 125	THE 105	THE 211
	THE 212					
	<b>Category GT-AH2</b>					
	HUM 115	HUM 121	HUM 122	HUM 123	LIT 115	LIT 201
	LIT 202	LIT 205	LIT 211	LIT 212	LIT 225	LIT 246
	LIT 268					
	<b>Category GT-AH3</b>					
	PHI 111	PHI 112	PHI 113	PHI 114	PHI 115	PHI 116
	PHI 214	PHI 218				
	<b>Category GT-AH4</b>					
	FRE 211	FRE 212	GER 211	GER 212	ITA 211	ITA 212
	JPN 211	JPN 212	RUS 211	RUS 212	SPA 211	SPA 212
2. Select one GT-HI course.	<b>Category GT-HI1</b>					
	HIS 101	HIS 102	HIS 111	HIS 112	HIS 121	HIS 122
	HIS 205	HIS 207	HIS 208	HIS 215	HIS 225	HIS 236
	HIS 243	HIS 244	HIS 247	HIS 249	HIS 250	HIS 255
	HIS 260					
3. Select two courses from two different GT-SS areas.	<b>Category GT-SS1</b>					
	AGE 102	ECO 201	ECO 202	ECO 245	POS 105	POS 111
	POS 125	POS 205	POS 215	POS 225		
	<b>Category GT-SS2</b>					
	GEO 105	GEO 106				
	<b>Category GT-SS3</b>					
	ANT 101	ETH 200	JOU 105	PSY 101	PSY 102	PSY 205
	PSY 217	PSY 226	PSY 227	PSY 235	PSY 238	PSY 249
	PSY 265	SOC 101	SOC 102	SOC 205	SOC 215	SOC 216
	SOC 218	SOC 220	SOC 231	SOC 237		

<b>Physical and Life Sciences</b> (12 credit hours) NOTE: Hours over 12 will be applied to the elective category.	<b>Category GT-SC1</b> Complete PHY 211, PHY 212, and one additional course from the list below to fulfill this requirement. CHE 111 is strongly recommended.					
	<b>PHY 211</b>	<b>PHY 212</b>	BIO 111	BIO 112	<b>CHE 111</b>	CHE 112
	GEY 111	GEY 112				
<b>Additional Requirements</b> 21 credits recommended by UCCS for this degree plus remaining courses from the approved course list.	CSC 160					4
	CSC 161					4
	CSC 230					3
	MAT 202					5
	MAT 204					5

**Other AS 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 ([higher.ed.colorado.gov/Academics/Transfers/Students.html](http://higher.ed.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 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. 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.**

**Advising at PCC**

(719) 549-3177

**Additional Resources**

The UCCS transfer website ([www.uccs.edu/transfer](http://www.uccs.edu/transfer)) has many additional resources for students transferring from PCC 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 Science 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	3		ENG 122	3
	COM 115 or COM 125	3		CSC 161	4
	CSC 160	4		MAT 202	5
	MAT 201	5		GT-SS course	3
	GT-AH course	3			
	<b>TOTAL</b>	<b>18</b>		<b>TOTAL</b>	<b>15</b>

### Suggested Second Year

FALL			SPRING		
√	Course	Hours	√	Course	Hours
	MAT 204	5		CSC 230	3
	PHY 211	5		CHE 111	5
	GT-HI course	3		PHY 212	5
	GT-SS course	3		GT-AH course	3
	<b>TOTAL</b>	<b>16</b>		<b>TOTAL</b>	<b>16</b>

### Suggested Third Year

FALL			SPRING		
√	Course	Hours	√	Course	Hours
	CS 2080	2		CS 3060 or CS 3020	3
	CS 2160	3		CS 3300	3
	ENGL 2090	3		CS 4200	3
	MATH 2150	3		MATH 3130 or CS 1300	3
	Technical Elective	3		Technical Elective	3
	Technical Elective	3			
	<b>TOTAL</b>	<b>17</b>		<b>TOTAL</b>	<b>15</b>

### Suggested Fourth Year

FALL			SPRING		
√	Course	Hours	√	Course	Hours
	CS 3160	3		CS 4100	3
	CS 4500	3		CS 4720	3
	CS 4700	3		CS Elective 4000+ level	3
	MATH 3810	3		CS Elective 4000+ level	3
	CS Elective 4000+ level	3		CS 3050	1
	General Elective	1		HUM/SS Elective	2
	<b>TOTAL</b>	<b>16</b>		<b>TOTAL</b>	<b>15</b>

#### UCCS Bachelor of Science, Computer Science Major Requirements

1. A minimum of 128 hours must be completed with a cumulative CU grade point average of 2.0; the Computer Science major requires a minimum grade point average of 2.0.
2. The last 30 hours of the degree must be completed while registered in the College of Engineering & Applied Science at UCCS.
3. For specific department information and recommendations, please visit: <http://www.uccs.edu/cs>

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