Best Choices Guide

Computer Science (BS)

This Associate of Science degree is designed for PPCC 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 <u>best academic advising choices</u> 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 PPCC.

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				
Communication (9 credit hours)	ENG 121	*Note: Students who test into ENG 122, should take ENG 201 as their second composition course.*			
	ENG 122				
	COM 220				
Mathematics (5 credit hours)	**Category GT-MA1**				
	MAT 201				
Arts & Humanities/Social & Behavioral Sciences (15 credit hours) 1. Select two courses from two different GT-AH areas.	**Category GT-AH1**				
	ART 110	ART 111	ART 112	ART 207	DAN 125	MUS 120
	MUS 121	MUS 122	MUS 123	MUS 125	THE 105	THE 108
	THE 211	THE 212	*THE 215*			
	Category GT-AH2				
	HUM 103	HUM 115	HUM 121	HUM 122	HUM 123	LIT 115
	LIT 201	LIT 202	LIT 205	*LIT 211*	*LIT 212*	LIT 221
	LIT 222	LIT 225	LIT 246	LIT 259	LIT 268	
	Category GT-AH3				
	PHI 111	PHI 112	PHI 113	PHI 114	PHI 205	PHI 214
	PHI 218	PHI 220				
	Category GT-AH4				
	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.	**Category GT-HI1**				
	HIS 101	*HIS 102*	*HIS 111*	*HIS 112*	*HIS 121*	*HIS 122*
	HIS 205	HIS207	HIS 208	HIS 215	*HIS 225*	HIS 235
	HIS 236	*HIS 243*	*HIS 244*	*HIS 247*	*HIS 249*	*HIS 250*
	HIS 251	*HIS 255*	HIS 260			
3. Select two courses from two different GT-SS areas.	**Category GT-SS1**				
	AGE 102	ECO 101	ECO 201	ECO 202	ECO 245	POS 105
	POS 111	POS 125	POS 205	POS 215	POS 225	
	Category GT-SS2				
	GEO 105	GEO 106				
	Category GT-SS3				
	AGR 260	ANT 101	ANT 103	ANT 107	ANT 108	ANT 201
	ANT 215	ANT 225	ANT 250	COM 220	CRJ 110	ETH 200
	JOU 105	PSY 101	PSY 102	PSY 205	PSY 217	PSY 226
	PSY 227	PSY 235	PSY 238	PSY 240	PSY 249	SOC 101
	SOC 102	SOC 205	SOC 207	SOC 215	SOC 216	SOC 218
	SOC 220	SOC 231	SOC 237	WST 200	WST 225	WST 240

Physical and Life Sciences (10 credit hours) **Choose a sequence of courses - two from the same department.**	Category GT-SC1					
	BIO 111	BIO 112	CHE 111	CHE 112	PHY 211	PHY 212

Additional Requirements 21 credits recommended by UCCS for this degree plus remaining courses from the approved course list.	CSC 119	3
	CSC 160	4
	CSC 161	4
	CSC 225	4
	MAT 202	5
	Open Electives	1

NOTE: Courses in italics will count towards the UCCS Writing Intensive Requirement.

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 PPCC.
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 PPCC, are not accepted toward this degree without approval of the PPCC Vice President for Instructional 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 (highered.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. 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 (ppcc@uccs.edu) to see if this requirement applies to you.**

Advising at PPCC
(719) 502-3232 – advising@ppcc.edu

Additional Resources
The UCCS transfer website (www.uccs.edu/transfer) has many additional resources for students transferring from PPCC to UCCS.

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Four-Year Degree Plan – Computer Science BS

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 Course	Hours	√	SPRING Course	Hours
	ENG 121	3		ENG 122	3
	CSC 119	3		CSC 160	4
	GT-AH course	3		GT-AH course	3
	GT-SS course	3		GT-SS course	3
	GT-HI course	3		COM 220	3
	TOTAL	15		**TOTAL**	16

Suggested Second Year

√	FALL Course	Hours	√	SPRING Course	Hours
	MAT 201	5		MAT 202	5
	CSC 161	4		CSC 225	4
	GT-SC1 – sequence course 1	5		GT-SC1 – sequence course 2	5
				General Elective	1
	TOTAL	14		**TOTAL**	15

Suggested Third Year

√	FALL Course	Hours	√	SPRING Course	Hours
	CS 2060	3		CS 3020, 3060 or 3080	3
	CS 2080	2		CS 3300	3
	CS 2150	3		CS 4200	3
	CS 2300	3		CS 2020	3
	Technical Elective	3		Technical Elective	3
	Technical Elective	3		CS 3050	1
	TOTAL	17		**TOTAL**	16

Suggested Fourth Year

√	FALL Course	Hours	√	SPRING Course	Hours
	CS 3160	3		CS 4100	3
	CS 4500	3		CS 4720	3
	CS 4700	3		UD CS Elective	3
	UD CS Elective	3		UD CS Elective	3
	General Elective (Navigate)	3		General Electives	5
	General Elective (Sustainability)	3			
	TOTAL	18		**TOTAL**	17

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 (**ppcc@uccs.edu**)