

Pikes Peak Community College
Associate of Science Checklist for UCCS Computer Science
2007-2008

This Associate of Science degree is designed for students who want an emphasis in computer science and who intend to transfer to the University of Colorado at Colorado Springs to earn a Bachelor of Science in Computer Science degree.

This sheet is intended for advising purposes only and does not represent an official transfer agreement between PPCC and UCCS.

To earn the Associate of Science Degree, students must complete the following course requirements. The prescribed courses and 24 hours of electives are specific to the Computer Science program at UCCS. 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 2.4 or better, *including all remedial and repeated courses*. (Students with a transfer GPA between 2.0 and 2.39 will be considered for admission to LAS.) Each transfer course must have a grade of "C" or better.

<i>Content Area</i>	<i>Courses</i>	<i>Credits</i>	<i>Credits Completed</i>
Communications (9 credits)	GT-CO1: ENG 121	3	
	GT-CO2: ENG 122	3	
	SPE 115 or 125	3	
	Total Comm.		

Art and Humanities (9 credits) Select 3 courses with no more than 2 courses from any single GT-AH category.	GT-AH1: ART 110	3	
	ART 111	3	
	ART 112	3	
	ART 207	3	
	MUS 120	3	
	MUS 121	3	
	MUS 122	3	
	GT-AH2: HUM 121	3	
	HUM 122	3	
	HUM 123	3	
	LIT 115	3	
	LIT 201	3	
	LIT 202	3	
	GT-AH3: PHI 111	3	
	PHI 112	3	
	PHI 113	3	
	PHI 114	3	
	PHI 214	3	
	Total Art/Hum		

Mathematics GT-MA1 4 credit min	GT-MA1 MAT 201	4*	
	Courses below MAT 201 do not count towards the program.	Total Math	

Computer Communication	CSC 160	3**	
	Total Computer Communication		

<i>Content Area</i>	<i>Courses</i>	<i>Credits</i>	<i>Credits Completed</i>	
Social and Behavioral Sciences (9 credits) Select three courses, one of which must be History (GT-HI1) with no more than 2 courses from any one category (GT-SS1, or GT-SS3, or GT-HI1).	GT-SS1: ECO 201	3		
	ECO 202	3		
	POS 105	3		
	POS 111	3		
	POS 205	3		
	POS 225	3		
	GT-SS3: ANT 101	3		
	PSY 101	3		
	PSY 102	3		
	PSY 205	3		
	PSY 217	3		
	PSY 226	3		
	PSY 227	3		
	PSY 235	3		
	SOC 101	3		
	SOC 102	3		
	SOC 215	3		
	GT-HI1: HIS 101	3		
	HIS 102	3		
	HIS 201	3		
	HIS 202	3		
	HIS 247	3		
	Total Soc Sci			

Physical and Life Sciences GT-SC1 (8 credits) Select two courses. Note: Credits over 8 will be applied to the elective category.	GT-SC1: PHY 211	5	
	PHY 212	3***	
	Total Science		

Electives – 24 credits Students planning on completing the Computer Science degree at UCCS should take CSC 160 and 161 using the JAVA programming language.	**1 hr from CSC160	1		
	CSC161	4		
	CSC 230	3		
	*1 hr from MAT 201	1		
	MAT 202	5		
	MAT 203	4		
	***2 hrs from PHY 212	2		
	GEY 111 OR 112	4		
	Total Electives			

Total GT Courses	
Total Fine Arts/Comm	
Total Computer Comm	
Total Electives	
Grand Total	

Other 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). **To guarantee that all courses will transfer, a student must have a grade of “C” or better in every course.** At least 15 of these credit hours must be earned from PPCC.
2. Career and technical courses, whether taken at another institution or at PPCC, 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 a student.
3. Courses numbered below 100 do not apply toward the degree.

Recommendation

Apply to the UCCS University Connection Program your first semester to help you qualify for a merit scholarship. Contact Linda Foltz, Transfer Coordinator, at lfoltz@uccs.edu for further information.

Foreign Language Note:

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 2nd semester at college level. **Please check with the Transfer Advisor, Linda Foltz (lfoltz@uccs.edu), to see if this requirement applies to you.**

Transfer Completion

After transferring to UCCS, you should be able to complete your BS degree in Computer Science in two additional years, if you have followed the transfer plan in its entirety (see below for details). However, most students take 1 to 3 classes in the summer to relieve their spring and fall semester loads.

Fall 1		
C S 208	Programming w/ UNIX	2
C S 216	Computer Organization & Assembly Language	3
MATH 215	Discrete Mathematics	3
ENGL 309	Tech Writing & Present	3
	Technical Electives	6
Spring 1		
C S 306	Object Oriented Programming in C++	3
C S 330	Software Engineering	3
C S 420	Computer Architecture I	3
MATH 313	Intro to Linear Algebra	3
	Technical Elective	3
Fall 2		
C S 316	Concepts of Prog Lang	3
C S 450	Operating Systems I	3
C S 470	Computability, Automata & Formal Languages	3
MATH 381	Intro to Probability & Statistics	3
C S 400-599	C S Elective	3
Spring 2		
C S 410	Compiler Design	3
C S 472	Design & Analysis of Algorithms	3
C S 400-599	C S Electives	6
C S 305	Ethical Implications in Computing	1
	HUM/SS Elective	2