

## Business (BS) – Cyber Security AAS

This Associate of Applied Science degree is designed for PPCC students who want to transfer to UCCS and complete a Bachelor of Science in Business. It is based on the best academic advising choices for future UCCS students.

To earn the Associate of Applied Science Degree, students must complete the following course requirements for a total of 60 semester credit hours. 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.) Each transfer course must have a grade of “C” or better.

<b>General Education</b> (13 credit hours)	COM 115	Public Speaking	3
	ENG 131	Technical Writing	3
	MAT 121	College Algebra	4
	SOC 218	Sociology of Diversity	3
<b>Cyber Security Requirements</b> (48 credit hours)	CIS 223	Linux	3
	CNG 102	Local Area Networks	3
	CNG 132	Network Security Fundamentals	3
	CNG 257	Network and Defense Countermeasures	3
	CNG 260	Certified Cisco Network Associate I	5
	CNG 261	Certified Cisco Network Associate II	5
	CNG 270	CCNA Security	5
	CIS 124	Intro to Operating Systems	3
	CIS 280	Internship	3
	CSC 105	Computer Literacy	3
	CSC 119	Intro to Programming (Python)	3
	CSC 129	Introduction to Secure Coding	3
	CSC 217	Advanced Python Programming	3
Cyber Security Elective	<i>Complete one approved Cyber Security Elective.</i>		3
<b>Additional Elective Courses</b> (21 hours)	BUS 216	Legal Environment of Business	3
	BUS 226	Business Statistics	3
	ECO 201	Principles of Macroeconomics	3
	ECO 202	Principles of Microeconomics	3
	ENG 121	College Composition I	3
	MAT 125	Survey of Calculus	3
	GT-SC Course	<i>Complete any GT-SC course.</i>	

### Other AAS 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. 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 ([ppcc@uccs.edu](mailto:ppcc@uccs.edu)) to see if this requirement applies to you.**

### Advising at PPCC

(719) 502-3232 – [advising@ppcc.edu](mailto:advising@ppcc.edu)

## Four-Year Degree Plan – Business – Cyber Security AAS

The following four-year plan lists all the specific course requirements for the Bachelor of Science in Business 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			SUMMER		
√	Course	Hours	√	Course	Hours	√	Course	Hours
	CIS 124	3		CIS 223	3		ENG 121	3
	CNG 260	5		CNG 102	3		MAT 125	4
	CSC 105	3		CNG 132	3		ECO 201	3
	CSC 119	3		CNG 261	5			
				MAT 121	4			
<b>TOTAL</b>		14	<b>TOTAL</b>		18	<b>TOTAL</b>		10

### Suggested Second Year

FALL			SPRING			SUMMER		
√	Course	Hours	√	Course	Hours	√	Course	Hours
	CNG 257	3		CIS 280	3		ECO 202	3
	CNG 270	5		CSC 217	3		BUS 216	3
	CSC 129	3		Cyber Security Elective	3		BUS 226	3
	ENG 131	3		SOC 218	3			
				COM 115	3			
<b>TOTAL</b>		14	<b>TOTAL</b>		15	<b>TOTAL</b>		9

### Suggested Third Year

FALL			SPRING			SUMMER		
√	Course	Hours	√	Course	Hours	√	Course	Hours
	ACCT 2010	3		ACCT 2020	3		OPTM 3000	3
	INFS 1100	3		MGMT 3300	3		INFS 3000	3
	QUAN 2020	3		FNCE 3050	3			
	MKTG 3000	3		Emphasis Class	3			
	MGMT 3000	3		Emphasis Class	3			
	BUAD 3100	1		BUAD 3200	1			
<b>TOTAL</b>		16	<b>TOTAL</b>		13	<b>TOTAL</b>		6

### Suggested Fourth Year

FALL			SPRING		
√	Course	Hours	√	Course	Hours
	BGSO 4000	3		STRT 4500	3
	Emphasis class	3		Emphasis class	3
	Emphasis class	3		Emphasis class	3
	Explore Phys & Nat	3		Explore Arts & WIC	3
	BUAD 3300	1			
<b>TOTAL</b>		13	<b>TOTAL</b>		12

#### UCCS Bachelor of Science, Business 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).
- At least 30 hours of business course work for the degree must be completed while registered in the College of Business at UCCS. The 30 hours must include 18-21 hours in the area of emphasis, BGSO 4000, and STRT 4500.
- Students must acquire a 2.0 overall GPA and a 2.5 business course GPA to graduate with a specified emphasis, with no grade below a "C-" in all emphasis courses. Students not maintaining this GPA will receive General Business degree at the completion of the program.
- For specific department information and recommendations, please visit: <http://www.uccs.edu/business>; Prospective Student Advising: Transfer Advisor ([ppcc@uccs.edu](mailto:ppcc@uccs.edu))

## Five-Year Degree Plan – Business – Cyber Security AAS

The following five-year plan lists all the specific course requirements for the Bachelor of Science in Business 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
	CIS 124	3		CIS 223	3
	CNG 260	5		CNG 102	3
	CSC 105	3		CNG 132	3
	CSC 119	3		CNG 261	5
				MAT 121	4
<b>TOTAL</b>		<b>14</b>	<b>TOTAL</b>		<b>18</b>

### Suggested Second Year

FALL			SPRING		
√	Course	Hours	√	Course	Hours
	CNG 257	3		CIS 280	3
	CNG 270	5		CSC 217	3
	CSC 129	3		Cyber Security Elective	3
	ENG 131	3		SOC 218	3
				COM 115	3
<b>TOTAL</b>		<b>14</b>	<b>TOTAL</b>		<b>15</b>

### Suggested Third Year

FALL			SPRING		
√	Course	Hours	√	Course	Hours
	ACCT 2010	3		ACCT 2020	3
	ECON 1010*	3		BLAW 2000*	3
	ENGL 1310*	3		ECON 2020*	3
	INFS 1100	3		QUAN 2010*	3
	MATH 1120*	3		MGMT 3000	3
	Explore –Physical & Natural World*	3		BUAD 3100	1
<b>TOTAL</b>		<b>18</b>	<b>TOTAL</b>		<b>16</b>

### Suggested Fourth Year

FALL			SPRING		
√	Course	Hours	√	Course	Hours
	FNCE 3050	3		MKTG 3000	3
	MGMT 3300	3		INFS 3000	3
	QUAN 2020	3		Emphasis Course	3
	Emphasis Course	3		Emphasis Course	3
	Emphasis Course	3		OPTM 3000	3
	BUAD 3200	1		BUAD 3300	1
<b>TOTAL</b>		<b>16</b>	<b>TOTAL</b>		<b>16</b>

### Suggested Fifth Year

FALL			SPRING		
√	Course	Hours	√	Course	Hours
	BGSO 4000	3			
	STRT 4500	3			
	Emphasis Course	3			
	Emphasis Course	3			
	Explore –Arts, Humanities and Cultures & Writing Intensive	3			
<b>TOTAL</b>		<b>15</b>	<b>TOTAL</b>		

\* - Courses may be completed at PPCC prior to matriculation at UCCS and can reduce the time required to complete BS in Business degree at UCCS.