

PPCC – CATALOG YEAR 09/10 – ASSOCIATE OF SCIENCE CHECKLIST – BS MATHEMATICS – SECONDARY AREA IN BIOLOGY at UCCS

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 Mathematics – Secondary Area in Biology. 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 36 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 2.4 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.

Degree Requirements	Courses				Totals	
Communication (9 credits)	GT-CO1: ENG 121 (3)					
	GT-CO2: ENG 122 (3)					
	COM 115 (3)					
Arts and Humanities (9 credits) Select 3 courses with no more than 2 courses from any single GT-AH category. Courses listed here are those that best fit with the UCCS degree requirements for the BS in Mathematics.	Category GT-AH1					
	ART 110 (3)		ART 111 (3)		ART 112 (3)	
	ART 207 (3)		MUS 120 (3)		MUS 121 (3)	
	MUS 122 (3)		THE 105 (3)		THE 211 (3)	
	THE 212 (3)					
	Category GT-AH2					
	HUM 121 (3)		HUM 122 (3)		HUM 123 (3)	
	LIT 115 (3)		LIT 201 (3)		LIT 202 (3)	
	LIT 205 (3)		LIT 211 (3)		LIT 212 (3)	
	LIT 221 (3)		LIT 222 (3)		LIT 225 (3)	
	Category GT-AH3					
	PHI 111 (3)		PHI 112 (3)		PHI 113 (3)	
	PHI 114 (3)		PHI 214 (3)			
	Mathematics (5 credits)	MAT 201 (5)				
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, GT-SS2, or GT-SS3, or GT-HI1). BS Mathematics majors must select one course from ANT 101, GEO 105 or GEO 106 to fulfill part of this requirement. Do not take more than one GT-HI course.	Category GT-HI1					
	HIS 101 (3)		HIS 102 (3)		HIS 111 (3)	
	HIS 112 (3)		HIS 201 (3)		HIS 202 (2)	
	HIS 247 (3)					
	Category GT-SS1					
	ECO 201 (3)		ECO 202 (3)		POS 105 (3)	
	POS 111 (3)		POS 205 (3)		POS 225 (3)	
	Category GT-SS2					
	GEO 105 (3)		GEO 106 (3)			
	Category GT-SS3					
	ANT 101 (3)		ANT 107 (3)		ANT 111 (3)	
	ANT 215 (3)		PSY 101 (3)		PSY 102 (3)	
	PSY 205 (3)		PSY 217 (3)		PSY 226 (3)	
	PSY 227 (3)		PSY 235 (3)		PSY 238 (3)	
	PSY 249 (3)		SOC 101 (3)		SOC 102 (3)	
SOC 205 (3)		SOC 215 (3)		SOC 216 (3)		
SOC 231 (3)						
Physical and Life Sciences (10 credit hours) BS Mathematics majors must select PHY 211 and 212 to fulfill this requirement.	Category GT-SC1					
	PHY 211 (5) Extra hours apply to electives		PHY 212 (5)			

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Degree Requirements	Courses		Totals
Computer Communications (4 credits)	CSC 160 (4)		
	Extra hour applies to electives		
Additional General Education and Electives 14 credits recommended by UCCS for this degree.	CSC 161	4	
	MAT 202	5	
	MAT 203	4	
	General Elective (check for transferability)	1	

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 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.

Recommendation

Apply to the UCCS University Connection Program your first semester to help you qualify for a merit scholarship. Contact the Transfer Advisor at ppcc@uccs.edu for further information.

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

Four-Year Degree Plan

The following four-year plan lists all the specific course requirements for the Bachelor of Science in Mathematics (Secondary Area in Biology) 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.

<i>Suggested First Year</i>			
FALL		SPRING	
<i>Course</i>	<i>Hours</i>	<i>Course</i>	<i>Hours</i>
ENG 121	3	ENG 122	3
MAT 201	5	MAT 202	5
GT-HII course	3	GT-SS course	3
GT-AH course	3	GT-AH course	3
TOTAL		TOTAL	
14		14	
<i>Suggested Second Year</i>			
FALL		SPRING	
PHY 211	5	PHY 212	5
MAT 203	4	COM 115 or 125	3
CSC 160	4	CSC 161	4
GT-AH course	3	GT-SS course	3
		General Elective (check for transferability)	1
TOTAL		TOTAL	
16		16	
<i>Suggested Third Year</i>			
FALL		SPRING	
ENG 309	3	MATH 340	3
MATH 215	3	PHIL 344 or 443	3
MATH 310 or 381	3	Restricted Math Elective	3
MATH 313	3	Lower-division Biology courses	6
Lower-division Biology course	3		
TOTAL		TOTAL	
15		15	
<i>Suggested Fourth Year</i>			
FALL		SPRING	
Core Humanities course (HUM 300+)	3	CS 460 or MATH 465	3
MATH 431	3	MATH 448 or 485	3
Restricted Math Elective	3	General Math Elective	3
General Math Elective	3	Upper-division Biology courses	6
Upper-division Biology course	3		
TOTAL		TOTAL	
15		15	

UCCS Bachelor of Science, Mathematics (Secondary Area in Biology) Major Requirements

1. 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 300-499).
2. The Mathematics major requires grades of “C” or better for all Math coursework.
3. The last 30 hours of the degree must be completed while registered in the College of Letters, Arts and Sciences at UCCS.

University Connection Program Advising: Transfer Advisor (ppcc@uccs.edu)