

Best Choices Guide



Biology (BS)

This Associate of Science degree is designed for Colorado Community College System (CCCS) students who want to transfer to UCCS and complete a Bachelor of Science degree with a major in Biology. It is based on the <u>best academic advising choices</u> for future UCCS students. Please note that final graduation requirements for the bachelor's degree will be based on your year of admission to UCCS. Contact <u>transfer@uccs.edu</u> for more information.

To earn the Associate of Science Degree, students must complete the following course requirements for a total of 60 semester credit hours, at least 34 of which must be Colorado State-Guaranteed Courses. Courses taken at other colleges, AP, IB, CLEP, DSST, and other sources of credit may not be applicable upon transfer to UCCS even if applied to the associate's degree at CCCS. Check the CDHE's <u>GT Pathways</u> website for more information.

To transfer to UCCS, students should have a cumulative GPA of 2.0 or better.

Degree Requirements	Courses				
Written Communication (6 hours)	 ENG 121/1021 ENG 122/1022 Note: Students who test into ENG 122/1022 should take ENG 201/2001 or HIS 265/2765 as their second written communication course. 				
Mathematics (4 hours)	• MAT 121/1340				
Arts & Humanities (6 hours)	Complete two GT-AH Courses (<u>GT-AH1</u>) (<u>GT-AH2</u>) (<u>GT-AH3</u>) (<u>GT-AH4</u>)	ro GT-AH Courses (<u>GT-AH1</u>) (<u>GT-AH2</u>) (<u>GT-AH3</u>) (<u>GT-AH4</u>)			
History (3 hours)	• Complete one GT-HI Course (GT-HI) (DO NOT take more than one GT-HI course for this AS.)				
Social & Behavioral Sciences (6 hours)	Complete two GT-SS Courses (<u>GT-SS1</u>) (<u>GT-SS2</u>) (<u>GT-SS3</u>)				
Physical and Life Sciences (10 hours)	 BIO 111/1111 CHE 111/1111 				
Additional Requirements	BIO 112/1112	5			
(25 hours)	CHE 112/1112				
Courses recommended by UCCS for this degree.	PHY 111/1111 AND PHY 112/1112 (Algebra-Based Sequence) or PHY 211/2111 AND PHY 212/2112 (Calculus-Based Sequence – requires MAT 201/2410 as a prerequisite)	10			
	General Electives 5 Note: MAT 122/1420 (3) or MAT 166/1440 (5) is highly 5 recommended. Either course will fulfill the prerequisite for Calculus I: 5 MAT 201/2410 at CCCS or MATH 1350 or 1330 at UCCS. See note 5 below the 4-year plan. 5				

Other AA/AS Requirements

- 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 CCCS.
- Career and technical courses, whether taken at another institution or at CCCS, are not accepted toward this degree without approval of the CCCS Vice President for Instructional Services. Approval is given only when it is appropriate to the educational objectives of the student.
- Courses numbered below 100/1000 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 (<u>CDHE - Transfer Degrees</u>).

Language other than English - UCCS

Beginning fall 2023, the College of Letters, Arts and Sciences (LAS) at UCCS requires all students to complete a language requirement as part of their degree program. Students who have not completed two years of the same world language in high school or have equivalent AP, IB, or CLEP scores are encouraged to take a World Language course 1012, 2011, or 2012 at the community college. World Language credits will fulfill general electives toward the degree, or can apply to a minor. An exemption will be granted to those who complete an Associate's degree prior to their first semester of enrollment at UCCS. Other exemptions and test-out options are available at UCCS. **Contact (transfer@uccs.edu) with questions.**

Additional Resources

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



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Four-Year Degree Plan - Biology

The following four-year plan lists all the specific course requirements for the Bachelor of Science 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.

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Sug	gested First Year		1			
	FALL		SPRING			
1	Course	Hours	1	Course	Hours	
	ENG 121/1021	3		ENG 122/1022	3	
	BIO 111/1111	5		BIO 112/1112	5	
	MAT 121/1340	4		General Elective (MAT 122/1420 or MAT 166/1440 highly recommended)	3-5	
	GT-SS course	3		General Elective	0-2	
	TOTAL	15		TOTAL	13	
Sug	gested Second Year					
	FALL			SPRING		
\checkmark	Course	Hours	1	Course	Hours	
	CHE 111/1111	5		CHE 112/1112	5	
	PHY 111/1111 or PHY 211/2111*	5		PHY 112/1112 or PHY 212/2112	5	
	GT-AH course	3		GT-AH course	3	
	GT-HI1 course	3		GT-SS course	3	
	TOTAL	16		TOTAL	16	
Sug	gested Third Year					
	FALL			SPRING		
\checkmark	Course	Hours	1	Course	Hours	
	BIOL 3830	3		BIOL 3020 (prerequisites BIOL 3830)	3	
	BIOL 3700 (Sustainability)	3		Upper-Division (UD) Biology Elective	3	
	HUM 3990	3		UD BIOL Elective	3	
	CHEM 3101/3102	4		CHEM 3111/3112	4	
	General Elective or MATH 1050 or MATH 1060 (<i>if not taken at CCCS</i>)	3-4		MATH 1350 or 1330	4	
	TOTAL	16-17		TOTAL	17	
Sug	gested Fourth Year		-			
	FALL			SPRING		
\checkmark	Course	Hours	1	Course	Hours	
	BIOL 3000 (prerequisites BIOL 3830 and MATH 1350)	3		UD BIOL Elective (Summit/Capstone Experience)	3	
	BIOL 4250	3		UD BIOL Elective	3	
	UD BIOL Elective	3	<u> </u>	UD BIOL Elective	3	
	General Elective	1-2	<u> </u>	UD General Elective	1	
	General Elective (Inclusiveness)	3		General Elective (Inclusiveness)	3	
	TOTAL	13-14		TOTAL	13	

*PHY 211/2111 and PHY 212/2112 (Calculus-Based Sequence) – PHY 2111 requires MAT 2410 as a prerequisite. Students who place into MAT 1420 or 1440 are encouraged to take MAT 2410 in their second semester for the general elective credit.

UCCS Bachelor of Science, Biology 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 upperdivision level (courses numbered 3000-4999).
- The Biology major requires a minimum of 35 hours with a grade point average of 2.0, and at least 27 of the hours must be at the upperdivision level (courses numbered 3000-4999)
- The last 30 hours of the degree must be completed while registered in the College of Letters, Arts and Sciences at UCCS.

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