

ACADEMIC ADVISING

Partnering with students to successfully navigate college

Location: Main Hall 208

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Website: [Academic Advising](http://www.uccs.edu/academic-advising)

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GENERAL ACADEMIC INFORMATION

Minimum Graduation Requirements

1. 121 credit hours
2. 45 upper-division credit hours (3000-4999 level)
3. 2.0 CU cumulative GPA
4. Residency: Last 30 credit hours of degree must be completed while registered in the College of Letters, Arts, and Sciences at UCCS

Student Responsibilities

Students are required to know and follow:

1. All academic policies set forth by the University, College, and academic department in the UCCS Catalog: catalog.uccs.edu
2. All course prerequisites designated by the University. Failure to meet course prerequisites may result in an administrative drop of the course from a student's schedule. See degree audit for course prerequisites within the academic major.

DEGREE REQUIREMENTS

Explore Biochemistry: [Degree and Career Information | Department of Chemistry & Biochemistry \(uccs.edu\)](http://www.uccs.edu/degree-and-career-information)

Major Requirements				
Biochemistry Major (33 hours)	Course/Area	Course Title	Credit Hours	
<ul style="list-style-type: none"> • Requires a minimum of 33 credit hours of CHEM course work and an additional 25 hours of auxiliary course work. • Requires a minimum of 16 credit hours of upper-division (3000+ level) CHEM course work. • All CHEM courses must have a grade of "C" or better. <p>*Students must contact the department chair in the semester prior to that in which they wish to teach to determine an appropriate lab to teach.</p>	CHEM 1401/1402	General Chemistry I and Lab I	5	
	CHEM 1511/1513	General Chemistry for Majors II and Lab II	5	
	CHEM 2201	Introduction to Biochemical Principles	3	
	CHEM 3101/3102	Organic Chemistry I and Lab I	4	
	CHEM 3111/3112	Organic Chemistry II and Lab II	4	
	CHEM 4001/4002	Analytical Chemistry and Lab	4	
	CHEM 4211	Biochemistry	3	
	CHEM 4701	Biophysical Chemistry	3	
	Electives	<i>Complete 2 hours of upper-division (3000+ level) Chemistry Electives.</i>	2	
	Auxiliary Requirements			
	BIOL 1350/1360	General Biology: Intro to the Cell & Lab	4	
	GEOL 1010	Physical Geology	4	
	MATH 1330	Calculus for Life Sciences	4	
	PES 1110/1160	General Physics I and Lab I	5	
PES 1120/2160	General Physics II and Lab II	5		
PES 1050 OR PES 1060	General Astronomy I OR General Astronomy II	3		
UCCS Teach Courses (33 hours)	UTED 1030	Inquiry Approaches/Lesson Plan Design for Secondary Math/Science Teaching	3	
<ul style="list-style-type: none"> • A grade of "B-" or better must be earned in all Education courses. • Courses should be taken in the appropriate semester. See the four-year plan for details. 	UTED 2010	Knowing and Learning in Mathematics and Science	3	
	UTED 3020	Classroom Interactions	3	
	UTED 4710	Project-Based Instruction	3	
	UTED 4720	Reading in the Content Area	3	
	UTED 4730	Apprentice Teaching UCCS Teach and Seminar	12	
	UTLS 3030	Perspectives on Science and Math	3	
	UTLS 3040	Science Research Methods	3	

General Education and Elective Requirements

Core Writing Requirement (6 hours)	<ul style="list-style-type: none"> ENGL 1310, 1308, or 1305 (<i>Students choosing ENGL 1305 must complete ENGL 1300 first.</i>) ENGL 1410 PORT 3000 (0 Credits) – Writing Portfolio 	
Reasoning Skills	<ul style="list-style-type: none"> MATH 1330 (included in auxiliary requirements) CHEM 4001 (included in major requirements) 	
Area Requirements (18 hours)	<ul style="list-style-type: none"> Humanities – 9 credit hours of which 3 credits must be HUM 3990. Social Sciences – 9 credit hours which must include PSY 1000 Natural Sciences – 10 credit hours as listed in course requirements PES 1110, PES 1120, PES 1160, PES 2160 <p>NOTE: Cannot select courses from primary major courses for area requirements.</p>	
Oral Communication, Cultural Diversity, and Global Awareness Requirements	One course from each list (see degree audit). <i>All courses that fulfill these requirements may also count towards other general education or major requirements.</i>	
Compass Curriculum (6 hours)	Component	Course
	Gateway	GPS 1010
	Explore – Arts, Humanities and Cultures	See Degree Audit
	Explore – Society, Behavior and Health	UTED 1030
	Explore – Physical and Natural World	BIOL 1350 (included in auxiliary requirements)
	Navigate	HUM 3990 (included in LAS area requirements)
	Summit	UTED 4730 (included in major requirements)
	Writing Intensive Courses (WIC) <i>Two courses with one upper-division (3000+ level)</i>	1. HUM 3990 (included in LAS area requirements) 2. UTED 4720 (included in major requirements)
	Inclusiveness	See Degree Audit
Sustainability	See Degree Audit	

FOUR-YEAR DEGREE PLAN

Please note that this is an *example* degree program and your program may vary. **Students are responsible for completing all course prerequisites.**

Year One	✓	FALL	Hours	✓	SPRING	Hours
			ENGL 1310	3		ENGL 1410
		CHEM 1401/1402	5		CHEM 1511/1513	5
		GPS 1010	3		MATH 1330	4
		UTED 1030	3		Explore – Arts, Humanities & Cultures Course	3
		TOTAL	14		TOTAL	15

Year Two	✓	FALL	Hours	✓	SPRING	Hours
			CHEM 3101/3102	4		CHEM 3111/3112
		PES 1110/1160	5		CHEM 2201	3
		UTED 2010	3		PES 1120/2160	5
		BIOL 1350/1360	4		UTED 3020	3
		TOTAL	16		TOTAL	15

Year Three	✓	FALL	Hours	✓	SPRING	Hours
			CHEM 4211	3		CHEM 4701 (<i>Spring Only</i>)
		CHEM 4001/4002	4		UTLS 3030 (<i>Spring Only</i>)	3
		UTLS 3040 (<i>Fall Only</i>)	3		UTED 4710	3
		HUM 3990	3		PES 1050 or PES 1060	3
		Social Science Elective (<i>Global Awareness</i>)	3		Humanities Elective (<i>Cultural Diversity</i>)	3
					Social Science Elective (<i>Inclusiveness</i>)	3
		TOTAL	16		TOTAL	18

Year Four	✓	FALL	Hours	✓	SPRING	Hours
			Upper-Division CHEM Electives	2		UTED 4730
		UTED 4720	3			
		GEOL 1010	4			
		Humanities Elective	3			
		Social Science Elective (<i>Sustainability</i>)	3			
		TOTAL	15		TOTAL	12

NOTE: Students must complete all course requirements other than UTED 4730 before the final semester.