

ACADEMIC ADVISING

Partnering with students to successfully navigate college

Location: Main Hall 208

Phone: 719.255.3260

Website: www.uccs.edu/advising

Connect With Your Advisor

Current UCCS Students

- Appointments: www.uccs.edu/advising/current-students

- Drop In Advising: Most Wednesdays, 1:00pm - 4:00pm

Prospective Students: www.uccs.edu/admissions/contact

GENERAL ACADEMIC INFORMATION

Minimum Graduation Requirements

1. 124 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 Chemistry: [Degree and Career Information | Department of Chemistry & Biochemistry \(uccs.edu\)](#)

Major Requirements				
Chemistry 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 3201/CHEM 3203	Organic Chemistry for Majors I and Lab I	5	
	CHEM 3211/CHEM 3213	Organic Chemistry for Majors II and Lab II	5	
	CHEM 4001/CHEM 4002	Analytical Chemistry and Lab	4	
	CHEM 4211	Biochemistry	3	
	CHEM 4701	Biophysical Chemistry	3	
	Electives	<i>Complete 3 hours of Upper Division (3000+ level) CHEM Electives.</i>	3	
	Auxiliary Requirements			
	BIOL 1350/1360	General Biology: Introduction to the Cell and 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 General Astronomy II	3		
<h3>UCCS Teach Courses (33 hours)</h3> <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 1030	Inquiry Approaches/Lesson Plan Design for Secondary Math/Science	3	
	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 (4 hours)	<ul style="list-style-type: none"> MATH 1330 (included in auxiliary requirements) CHEM 4001 (included in major requirements) 																				
Area Requirements (28 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 (9 hours)	<table border="1"> <thead> <tr> <th>Component</th> <th>Course</th> </tr> </thead> <tbody> <tr> <td>Gateway</td> <td>GPS 1010</td> </tr> <tr> <td>Explore – Arts, Humanities and Cultures</td> <td>See Degree Audit</td> </tr> <tr> <td>Explore – Society, Behavior and Health</td> <td>PSY 1000</td> </tr> <tr> <td>Explore – Physical and Natural World</td> <td>BIOL 1350/1360</td> </tr> <tr> <td>Navigate</td> <td>HUM 3990 (included in LAS area requirements)</td> </tr> <tr> <td>Summit</td> <td>UTED 4730 (included in major requirements)</td> </tr> <tr> <td>Writing Intensive Courses (WIC) <i>Two courses with one upper-division (3000+ level)</i></td> <td>1. HUM 3990 (included in LAS area requirements) 2. CHEM 1513</td> </tr> <tr> <td>Inclusiveness</td> <td>See Degree Audit</td> </tr> <tr> <td>Sustainability</td> <td>See Degree Audit</td> </tr> </tbody> </table>	Component	Course	Gateway	GPS 1010	Explore – Arts, Humanities and Cultures	See Degree Audit	Explore – Society, Behavior and Health	PSY 1000	Explore – Physical and Natural World	BIOL 1350/1360	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. CHEM 1513	Inclusiveness	See Degree Audit	Sustainability	See Degree Audit
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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		BIOL 1350/1360	4
		Explore – Arts, Humanities & Cultures Course	3			
		TOTAL	17		TOTAL	16

Year Two	✓	FALL	Hours	✓	SPRING	Hours
			CHEM 3201/3203	5		CHEM 3211/3213
		PES 1110/1160	5		PES 1120/2160	5
		UTED 2010	3		UTED 3020	3
		Explore – Society, Behavior & Health Course	3		PSY 1000	3
		TOTAL	16		TOTAL	16

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
		Upper Division (UD) CHEM Elective	3		UTED 4710	3
		UTLS 3040 (Fall Only)	3		Humanities Elective	3
		PES 1050 or 1060	3		Social Science Elective (<i>Global Awareness/Inclusiveness</i>)	3
		TOTAL	16		TOTAL	15

Year Four	✓	FALL	Hours	✓	SPRING	Hours
			GEOL 1010	4		UTED 4730
		UTED 4720	3			
		HUM 3990	3			
		Humanities Elective (<i>Cultural Diversity</i>)	3			
		Social Science Elective (<i>Sustainability</i>)	3			
		TOTAL	16		TOTAL	12

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