

## ACADEMIC ADVISING

*Partnering with students to successfully navigate college*

**Location:** Main Hall 208

**Phone:** 719.255.3260

**Website:** [www.uccs.edu/advising](http://www.uccs.edu/advising)

**Connect With Your Advisor**

Current UCCS Students

- Appointments: [www.uccs.edu/advising/current-students](http://www.uccs.edu/advising/current-students)

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

Prospective Students: [www.uccs.edu/admissions/contact](http://www.uccs.edu/admissions/contact)

## GENERAL ACADEMIC INFORMATION

### Minimum Graduation Requirements

- 120 credit hours
- 45 upper-division credit hours (3000-4999 level)
- 2.0 CU cumulative GPA
- 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:

- All academic policies set forth by the University, College, and academic department in the UCCS Catalog: [catalog.uccs.edu](http://catalog.uccs.edu)
- 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				
BA Chemistry Major (51 hours)	Course/Area	Course Title	Credit Hours	
<ul style="list-style-type: none"> <li>• Requires a minimum of 51 credit hours of CHEM course work</li> <li>• Requires a minimum of 16 credit hours of upper-division (3000-4999 level) CHEM course work.</li> <li>• All CHEM courses must have a grade of "C" or better.</li> </ul>	CHEM 1401/1402	General Chemistry I and Lab I	5	
	CHEM 1511/1513	General Chemistry for Majors II and Lab II	5	
	CHEM 3201/3203	Organic Chemistry for Majors I and Lab I	5	
	CHEM 3211/3213	Organic Chemistry for Majors II and Lab II	5	
	CHEM 4001/4002	Analytical Chemistry I and Lab	4	
	CHEM 4011/4012	Practical Instrumental Analysis and Lab	5	
	CHEM 4101	Physical Chemistry: Quantum Mechanics and Molecular Spectroscopy	3	
	CHEM 4102	Experimental Physical Chemistry: Quantum Mechanics and Molecular Spectroscopy	1	
	CHEM 4111	Physical Chemistry: Thermodynamics and Kinetics	3	
	CHEM 4112	Experimental Physical Chemistry: Thermodynamics and Kinetics	1	
	CHEM 4211	Biochemistry Principles	3	
	CHEM 4301	Inorganic Chemistry I	3	
	CHEM 4911	Chemistry Capstone	3	
	Electives	<i>Complete 5 hours of Upper-Division (3000+ Level) Chemistry Electives. Up to 5 hours may be from CHEM 4904/4905.</i>		5
	<b>Auxiliary Requirements</b>			
	BIOL 1350	General Biology II		3
	MATH 1350	Calculus I		4
MATH 1360	Calculus II		4	
PES 1110/1160	General Physics I and Lab		5	
PES 1120/2160	General Physics II and Lab		5	

General Education and Elective Requirements																					
<b>Core Writing Requirement</b> (6 hours)	<ul style="list-style-type: none"> <li>ENGL 1310, 1308, or 1305 (<i>Students choosing ENGL 1305 must complete ENGL 1300 first.</i>)</li> <li>ENGL 1410</li> <li>PORT 3000 (0 Credits) – Writing Portfolio</li> </ul>																				
<b>Reasoning Skills</b> (4 hours)	<ul style="list-style-type: none"> <li>MATH 1350</li> <li>CHEM 4001</li> </ul>																				
<b>Area Requirements</b> (28 hours) <ul style="list-style-type: none"> <li>Maximum 2 courses from any one discipline may be applied to the area requirements</li> <li>Courses may not be taken pass/fail</li> </ul>	<ul style="list-style-type: none"> <li>Humanities – 9 credit hours of which 3 credits must be HUM 3990.</li> <li>Social Sciences – 9 credit hours</li> <li>Natural Sciences – 10 credit hours as listed in auxiliary requirements - PES 1110, PES 1120, PES 1160, PES 2160</li> </ul> <p><b>NOTE:</b> Cannot select courses from primary major courses for area requirements.</p>																				
<b>Oral Communication, Cultural Diversity, and Global Awareness Requirements</b>	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>																				
<b>Compass Curriculum</b> (9 hours) <ul style="list-style-type: none"> <li>Explore and Navigate courses must be outside major and area requirements</li> <li>Writing Intensive, Inclusiveness, and Sustainability courses can count towards other requirements within degree</li> </ul>	<table border="1"> <thead> <tr> <th>Component</th> <th>Course</th> </tr> </thead> <tbody> <tr> <td><b>Gateway</b></td> <td>GPS 1010</td> </tr> <tr> <td><b>Explore – Arts, Humanities and Cultures</b></td> <td>See Degree Audit</td> </tr> <tr> <td><b>Explore – Society, Behavior and Health</b></td> <td>See Degree Audit</td> </tr> <tr> <td><b>Explore – Physical and Natural World</b></td> <td>BIOL 1350 (included in auxiliary requirements)</td> </tr> <tr> <td><b>Navigate</b></td> <td>HUM 3990 (included in LAS area requirements)</td> </tr> <tr> <td><b>Summit</b></td> <td>CHEM 4911 (included in major requirements)</td> </tr> <tr> <td><b>Writing Intensive Courses (WIC)</b> <i>Two courses with one upper-division (3000+ level)</i></td> <td> <ul style="list-style-type: none"> <li>HUM 3990 (included in LAS area requirements)</li> <li>CHEM 1513 (included in major requirements)</li> </ul> </td> </tr> <tr> <td><b>Inclusiveness</b></td> <td>See Degree Audit</td> </tr> <tr> <td><b>Sustainability</b></td> <td>See Degree Audit</td> </tr> </tbody> </table>	Component	Course	<b>Gateway</b>	GPS 1010	<b>Explore – Arts, Humanities and Cultures</b>	See Degree Audit	<b>Explore – Society, Behavior and Health</b>	See Degree Audit	<b>Explore – Physical and Natural World</b>	BIOL 1350 (included in auxiliary requirements)	<b>Navigate</b>	HUM 3990 (included in LAS area requirements)	<b>Summit</b>	CHEM 4911 (included in major requirements)	<b>Writing Intensive Courses (WIC)</b> <i>Two courses with one upper-division (3000+ level)</i>	<ul style="list-style-type: none"> <li>HUM 3990 (included in LAS area requirements)</li> <li>CHEM 1513 (included in major requirements)</li> </ul>	<b>Inclusiveness</b>	See Degree Audit	<b>Sustainability</b>	See Degree Audit
Component	Course																				
<b>Gateway</b>	GPS 1010																				
<b>Explore – Arts, Humanities and Cultures</b>	See Degree Audit																				
<b>Explore – Society, Behavior and Health</b>	See Degree Audit																				
<b>Explore – Physical and Natural World</b>	BIOL 1350 (included in auxiliary requirements)																				
<b>Navigate</b>	HUM 3990 (included in LAS area requirements)																				
<b>Summit</b>	CHEM 4911 (included in major requirements)																				
<b>Writing Intensive Courses (WIC)</b> <i>Two courses with one upper-division (3000+ level)</i>	<ul style="list-style-type: none"> <li>HUM 3990 (included in LAS area requirements)</li> <li>CHEM 1513 (included in major requirements)</li> </ul>																				
<b>Inclusiveness</b>	See Degree Audit																				
<b>Sustainability</b>	See Degree Audit																				
<b>General Electives</b> (15 hours)	Complete additional courses to meet total and upper-division requirements for your degree program.																				

## 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
		MATH 1350	4		MATH 1360	4
		GPS 1010	3		Explore – Arts, Humanities & Cultures Course	3
		<b>TOTAL</b>	15		<b>TOTAL</b>	15

Year Two	✓	FALL	Hours	✓	SPRING	Hours
			CHEM 3201/3203	5		CHEM 3211/3213
		PES 1110/1160	5		PES 1120/2160	5
		Explore – Society, Behavior and Health Course	3		BIOL 1350	3
		Humanities Elective	3		General Elective	3
		<b>TOTAL</b>	16		<b>TOTAL</b>	16

Year Three	✓	FALL	Hours	✓	SPRING	Hours
			CHEM 4001/4002	4		CHEM 4011/4012
		CHEM 4101	3		CHEM 4111	3
		CHEM 4102	1		CHEM 4112	1
		CHEM 4211	3		Humanities Elective	3
		Social Science Elective ( <i>Global Awareness</i> )	3		General Elective ( <i>Cultural Diversity</i> )	3
		<b>TOTAL</b>	14		<b>TOTAL</b>	15

Year Four	✓	FALL	Hours	✓	SPRING	Hours
			CHEM 4301	3		UD CHEM Elective
		CHEM 4911	3		Social Science Elective	3
		Upper Division (UD) CHEM Elective	3		UD General Elective	3
		HUM 3990	3		General Elective ( <i>Inclusiveness</i> )	3
		Social Science Elective	3		General Elective ( <i>Sustainability</i> )	3
		<b>TOTAL</b>	15		<b>TOTAL</b>	14