

## ACADEMIC ADVISING

### Partnering with students to successfully navigate college

**Location:** Main Hall 208

**Phone:** 719.255.3260

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

### Connect With Your Advisor

Current UCCS Students

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

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

## 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](http://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 \(uccs.edu\)](http://www.uccs.edu/department-of-chemistry-and-biochemistry)

Major Requirements				
Chemistry Major (33 hours)	Course/Area	Course Title	Credit Hours	
<ul style="list-style-type: none"> <li>• Requires a minimum of 33 credit hours of CHEM course work and an additional 25 hours of auxiliary course work.</li> <li>• Requires a minimum of 16 credit hours of upper-division (3000+ level) CHEM course work.</li> <li>• All CHEM and auxiliary courses must have a grade of "C" or better.</li> </ul> <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 3201/3203	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 4211	Biochemistry	3	
	CHEM 4701	Biophysical Chemistry	3	
	Electives	<i>Complete 3 hours of Upper Division (3000+ level) CHEM Electives.</i>	3	
	<b>Auxiliary Requirements</b>			
	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 - Calculus Based	5	
PES 1120/2160	General Physics II and Lab II - Calculus Based	5		
PES 1050 or PES 1060	General Astronomy I or General Astronomy II	3		
<b>UCCS Teach Courses</b> (33 hours) <ul style="list-style-type: none"> <li>• A grade of "B-" or better must be earned in all Education courses.</li> <li>• Courses should be taken in the appropriate semester. See the four-year plan for details.</li> </ul>	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 3030	Perspectives on Science and Math	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 3040	Science Research Methods	3	

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>	<ul style="list-style-type: none"> <li>MATH 1330 (included in auxiliary requirements)</li> <li>CHEM 4001 (included in major requirements)</li> </ul>																				
<b>Core Humanities</b> (3 hours)	<ul style="list-style-type: none"> <li>HUM 3990                             <ul style="list-style-type: none"> <li>This course also fulfills Navigate and one Writing Intensive course.</li> </ul> </li> </ul>																				
<b>Natural Sciences Lab</b>	<ul style="list-style-type: none"> <li>GEOL 1010 (included in auxiliary requirements)</li> </ul>																				
<b>Oral Communication</b>	<ul style="list-style-type: none"> <li>UTED 4730 (<i>Apprentice Teaching</i>)</li> </ul>																				
<b>LAS Language other than English Requirement</b>	Complete two semesters of a language other than English equivalent to 1010 & 1020 with high school, transfer, placement exam, or UCCS coursework. <i>Courses taken to fulfill this requirement may also count toward Compass Curriculum Explore - Arts, Humanities and Cultures or general electives. See degree audit for details.</i>																				
<b>Compass Curriculum</b> (12 hours) <ul style="list-style-type: none"> <li>Explore and Navigate courses must be outside major 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 Program Seminar</b></td> <td>GPS 1010</td> </tr> <tr> <td><b>Explore – Arts, Humanities and Cultures (2 courses)</b></td> <td>See Degree Audit</td> </tr> <tr> <td><b>Explore – Society, Behavior and Health (2 courses)</b></td> <td> <ul style="list-style-type: none"> <li>UTED 1030 (included in UCCS Teach requirements)</li> <li>See Degree Audit</li> </ul> </td> </tr> <tr> <td><b>Explore – Physical and Natural World (2 courses)</b></td> <td> <ul style="list-style-type: none"> <li>BIOL 1350 (included in auxiliary requirements)</li> <li>PES 1050 or 1060 (included in auxiliary requirements)</li> </ul> </td> </tr> <tr> <td><b>Navigate</b></td> <td>HUM 3990 (included in LAS gen ed requirements)</td> </tr> <tr> <td><b>Summit</b></td> <td>UTED 4730 (included in UCCS Teach requirements)</td> </tr> <tr> <td><b>Writing Intensive Courses (WIC) (2 courses)</b></td> <td> <ul style="list-style-type: none"> <li>HUM 3990 (included in LAS gen ed requirements)</li> <li>UTED 4720 (included in UCCS Teach requirements)</li> </ul> </td> </tr> <tr> <td><b>Inclusiveness (2 courses)</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 Program Seminar</b>	GPS 1010	<b>Explore – Arts, Humanities and Cultures (2 courses)</b>	See Degree Audit	<b>Explore – Society, Behavior and Health (2 courses)</b>	<ul style="list-style-type: none"> <li>UTED 1030 (included in UCCS Teach requirements)</li> <li>See Degree Audit</li> </ul>	<b>Explore – Physical and Natural World (2 courses)</b>	<ul style="list-style-type: none"> <li>BIOL 1350 (included in auxiliary requirements)</li> <li>PES 1050 or 1060 (included in auxiliary requirements)</li> </ul>	<b>Navigate</b>	HUM 3990 (included in LAS gen ed requirements)	<b>Summit</b>	UTED 4730 (included in UCCS Teach requirements)	<b>Writing Intensive Courses (WIC) (2 courses)</b>	<ul style="list-style-type: none"> <li>HUM 3990 (included in LAS gen ed requirements)</li> <li>UTED 4720 (included in UCCS Teach requirements)</li> </ul>	<b>Inclusiveness (2 courses)</b>	See Degree Audit	<b>Sustainability</b>	See Degree Audit
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<b>General Electives</b> (9 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
		GPS 1010	3		MATH 1330	4
		UTED 1030	3		BIOL 1350/1360	4
		<b>TOTAL</b>	<b>14</b>		<b>TOTAL</b>	<b>16</b>

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 – Arts, Humanities & Cultures Course	3		General Elective	3
		<b>TOTAL</b>	<b>16</b>		<b>TOTAL</b>	<b>16</b>

Year Three	✓	FALL	Hours	✓	SPRING	Hours
			CHEM 4211	3		CHEM 4701 ( <i>spring only</i> )
		CHEM 4001/4002	4		UTED 3030 ( <i>spring only</i> )	3
		Upper Division (UD) CHEM Elective	3		UTED 4710	3
		UTLS 3040 ( <i>fall only</i> )	3		Explore – Arts, Humanities & Cultures ( <i>Inclusiveness</i> )	3
		PES 1050 or 1060	3		Explore – Society, Behavior and Health Course	3
		<b>TOTAL</b>	<b>16</b>		<b>TOTAL</b>	<b>15</b>

Year Four	✓	FALL	Hours	✓	SPRING	Hours
			GEOL 1010	4		UTED 4730
		UTED 4720	3			
		HUM 3990	3			
		General Elective ( <i>Inclusiveness</i> )	3			
		General Elective ( <i>Sustainability</i> )	3			
		<b>TOTAL</b>	<b>16</b>		<b>TOTAL</b>	<b>12</b>

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