

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

- 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
- 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 \(uccs.edu\)](#)

Major Requirements				
Biochemistry Major Pre-Med Option (49 hours)	Course/Area	Course Title	Credit Hours	
<ul style="list-style-type: none"> • Requires a minimum of 49 credit hours of CHEM course work • Requires a minimum of 16 credit hours of upper-division (3000-4999 level) CHEM course work. • Must maintain a minimum 2.0 major GPA (all CHEM courses) to graduate. • All auxiliary requirements must be completed in addition to the required major courses. 	CHEM 1401/1402	General Chemistry I	5	
	CHEM 1511/1513	General Chemistry for Majors II and Lab II	5	
	CHEM 2201	Introduction to Biochemical Principles	3	
	CHEM 3101/CHEM 3102	Organic Chemistry I and Lab I	4	
	CHEM 3111/CHEM 3112	Organic Chemistry II and Lab II	4	
	CHEM 4001/CHEM 4002	Analytical Chemistry and Lab	4	
	CHEM 4201	Current Perspectives in Science and Medicine	3	
	CHEM 4221	Biochemistry I	3	
	CHEM 4222	Biochemistry Laboratory	3	
	CHEM 4231	Biochemistry II	3	
	CHEM 4701	Biophysical Chemistry (spring only)	3	
	CHEM 4921	Biochemistry Capstone	3	
	Electives	<i>Complete 6 hours of upper-division (3000+ level) Chemistry Electives. Up to 6 hours may be from CHEM 4904/4905.</i>	6	
	Auxiliary Requirements			
	BIOL 1300/1310	General Biology: Organismic Biology and Lab	4	
	BIOL 1350/1360	General Biology: Introduction to the Cell and Lab	4	
	MATH 1330	Calculus for Life Sciences	4	
PES 1110/1160	General Physics I and Lab	5		
PES 1120/2160	General Physics II and Lab	5		
Ethics Course	<i>Complete one of the following courses: PHIL 3130, 3160 or 3180</i>	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 CHEM 4001 																				
Area Requirements (29 hours) <ul style="list-style-type: none"> Maximum 2 courses from any one discipline may be applied to the area requirements Courses may not be taken pass/fail 	<ul style="list-style-type: none"> Humanities – 9 credit hours – ENGL 1500, HUM 3990, PHIL 3130, 3160 or 3180 Social Sciences – 10 credit hours - PSY 1000, SOC 1110 and one other Natural Sciences – 10 credit hours as listed in auxiliary 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) <ul style="list-style-type: none"> Explore and Navigate courses must be outside major and area requirements Writing Intensive, Inclusiveness, and Sustainability courses can count towards other requirements within degree 	<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>See Degree Audit</td> </tr> <tr> <td>Explore – Physical and Natural World</td> <td>BIOL 1350 (included in auxiliary requirements)</td> </tr> <tr> <td>Navigate</td> <td>HUM 3990 (included in LAS area requirements)</td> </tr> <tr> <td>Summit</td> <td>CHEM 4921 (included in major requirements)</td> </tr> <tr> <td>Writing Intensive Courses (WIC) <i>Two courses with one upper-division (3000+ level)</i></td> <td> <ul style="list-style-type: none"> HUM 3990 (included in LAS area requirements) CHEM 1513 (included in major requirements) </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	See Degree Audit	Explore – Physical and Natural World	BIOL 1350 (included in auxiliary requirements)	Navigate	HUM 3990 (included in LAS area requirements)	Summit	CHEM 4921 (included in major requirements)	Writing Intensive Courses (WIC) <i>Two courses with one upper-division (3000+ level)</i>	<ul style="list-style-type: none"> HUM 3990 (included in LAS area requirements) CHEM 1513 (included in major requirements) 	Inclusiveness	See Degree Audit	Sustainability	See Degree Audit
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General Electives (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
		BIOL 1300/1310	4		BIOL 1350/1360	4
		GPS 1010	3		MATH 1330	4
		TOTAL	15		TOTAL	16

Year Two	✓	FALL	Hours	✓	SPRING	Hours
			CHEM 3101/3102	4		CHEM 3111/3112
		PES 1110/1160	5		PES 1120/2160	5
		PSY 1000	3		CHEM 2201	3
		Explore – Arts, Humanities & Cultures Course	3		SOC 1110	4
		TOTAL	15		TOTAL	16

Year Three	✓	FALL	Hours	✓	SPRING	Hours
			CHEM 4001/4002	4		CHEM 4201
		CHEM 4221	3		CHEM 4222	3
		ENGL 1500	3		CHEM 4231	3
		Explore – Society, Behavior and Health Course	3		CHEM 4701	3
		Social Science elective (<i>Global Awareness, Inclusiveness</i>)	3		PHIL 3130, 3160 or 3180	3
		TOTAL	16		TOTAL	15

Year Four	✓	FALL	Hours	✓	SPRING	Hours
			CHEM 4921	3		UD CHEM Elective
		Upper-Division (UD) CHEM Elective	3		UD General Elective (<i>HPNU 3060 recommended</i>)	3
		UD General Elective (<i>HPNU 3050 recommended</i>)	3		General Elective (<i>UD Stats course recommended</i>)	3
		HUM 3990	3		General Elective (<i>Sustainability</i>)	3
		General Elective (<i>Cultural Diversity</i>)	3			
		TOTAL	15		TOTAL	12