

ACADEMIC ADVISING

Partnering with students to successfully navigate college

Location: Main Hall 208

Phone: 719.255.3260

Website: [Academic Advising](https://www.uccs.edu/advising)

Connect With Your Advisor

Current UCCS Students

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

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

Major Requirements			
BI Chemistry Major (36 hours) <ul style="list-style-type: none"> • Requires a minimum of 36 credit hours of CHEM course work and an additional 12 hours of auxiliary coursework. • Requires a minimum of 16 credit hours of upper-division (3000+ level) CHEM course work. • All CHEM and auxiliary courses must have a grade of "C" or better. 	Course/Area	Course Title	Credit Hours
	CHEM 1401/1402	General Chemistry I and Lab I	5
	CHEM 1511/1513	General Chemistry II for Majors 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 and Lab	4
	CHEM 4211	Biochemistry	3
	CHEM 4701	Biophysical Chemistry (<i>spring only</i>)	3
	CHEM UD Electives	Complete 6 hours of Upper Division (3000+ level) Chemistry Electives. Up to 6 hours may be from CHEM 4904 and 4905.	6
	Auxiliary Requirements		
	BIOL 1350	General Biology II: Introduction to the Cell	3
	MATH 1330	Calculus for Life Science	4
	PES 1110/1160	General Physics I and Lab	5
BI Innovation Core (24 hours) *NOTE: ENTP 1001 and INOV 1011 may be taken as alternatives to these courses.	BLAW 2010	Business and Intellectual Property Law	3
	ENTP 1000*	Introduction to Entrepreneurship	3
	ENTP 4500	Entrepreneurship and Strategy	3
	INOV 1010*	The Innovation Process	3
	INOV 2010	Innovation Team: Analyze and Report	3
	INOV 2100	Technical Writing, Proposals, and Presentations	3
	INOV 3010	Innovation Team: Research and Execute	3
	INOV 4010	Innovation Team: Design and Lead	3
BI Cross Discipline Core (15 hours)	Complete one of the Cross-Discipline Cores listed below. Each Cross-Discipline Core consists of 15 credit hours. See the degree audit or the Bachelor of Innovation page in the Academic Catalog for specific course information. Business Engineering Technology Globalization Inclusive Education Custom Core (for Veterans and Transfer students only)		

General Education and Elective Requirements		
Core Writing Requirement (3 hours)	<ul style="list-style-type: none"> ENGL 1310 ENGL 1310, 1308, or 1305 (<i>Students choosing ENGL 1305 must complete ENGL 1300 first.</i>) PORT 3000 (0 Credits) – Writing Portfolio 	
Reasoning Skills (4 hours)	<ul style="list-style-type: none"> MATH 1330 CHEM 4001 	
Area Requirements (26 hours) <ul style="list-style-type: none"> Maximum 2 courses from any one discipline may be applied to the area requirements 	<ul style="list-style-type: none"> Humanities – 9 credit hours of which 3 credits must be HUM 3990. Social Sciences – 9 credit hours Natural Sciences – 8 credit hours as listed in auxiliary requirements - BIOL 1350, PES 1110, PES 1160 <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>	
LAS Language other than English Requirement	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>	
Compass Curriculum (3 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 	Component	Course
	Gateway	GPS 1010
	Explore – Arts, Humanities and Cultures	INOV 1010 (included in Innovation requirements)
	Explore – Society, Behavior and Health	ENTP 1000 (included in Innovation requirements)
	Explore – Physical and Natural World	MATH 1330 (included in Auxiliary requirements)
	Navigate	INOV 3010 (included in Innovation requirements)
	Summit	ENTP 4500 (included in Innovation requirements)
	Writing Intensive Courses (WIC) <i>Two courses with one upper-division (3000+ level)</i>	<ul style="list-style-type: none"> INOV 2010 (included in Innovation requirements) INOV 3010 (included in Innovation requirements)
	Inclusiveness	INOV 1010 (included in Innovation requirements)
	Sustainability	ENTP 1000 (included in Innovation requirements)
General Electives (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
		CHEM 1401/1402	5		CHEM 1511/1513	5
		ENTP 1000 or 1001	3		INOV 1010 or 1011	3
		MATH 1330	3		PES 1110/1160	5
		GPS 1010	4		ENGL 1310	3
		TOTAL	15		TOTAL	16

Year Two	✓	FALL	Hours	✓	SPRING	Hours
		CHEM 3201/3203	5		CHEM 3211/3213	5
		BIOL 1350	3		INOV 2100	3
		BLAW 2010	3		Cross-Discipline Core Course	3
		INOV 2010	3		Social Science Elective	3
		TOTAL	14		TOTAL	14

Year Three	✓	FALL	Hours	✓	SPRING	Hours
		CHEM 4001/4002	4		CHEM 4211	3
		INOV 3010	3		Upper-Division (UD) CHEM Elective	3
		HUM 3990	3		Cross-Discipline Core Course	3
		Cross-Discipline Core Course	3		Humanities Elective	3
		Social Science Elective (<i>Global Awareness</i>)	3		Social Science Elective	3
		TOTAL	16		TOTAL	15

Year Four	✓	FALL	Hours	✓	SPRING	Hours
		CHEM 4701	3		UD CHEM Elective	3
		INOV 4010	3		ENTP 4500	3
		Cross-Discipline Core Course	3		Cross-Discipline Core Course	3
		Humanities Elective (<i>Cultural Diversity</i>)	3		UD General Elective	3
		UD General Elective	3		UD General Elective	3
		TOTAL	15		TOTAL	15