**ACADEMIC ADVISING**

***Partnering with students to successfully navigate college***

**Location:** Main Hall 208

**Phone:** 719.255.3260

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

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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**

* 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 Biochemistry: [Degree and Career Information | Department of Chemistry & Biochemistry (uccs.edu)](https://chemistry.uccs.edu/future-students/degree-and-career-information)

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| **Major Requirements**  |
| **Biochemistry Major****Pre-Med Option**(49 hours)* 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.
 | **Course/Area** | **Course Title** | **Credit Hours** |
| 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 | *Complete 6 hours of upper-division (3000+ level) Chemistry Electives. Up to 6 hours may be from CHEM 4904/4905.* | 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 | *Complete one of the following courses:*PHIL 3130, 3160 or 3180 | 3 |

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| **General Education and Elective Requirements** |
| **Core Writing Requirement** (6 hours) | * ENGL 1310, 1308, or 1305 *(Students choosing ENGL 1305 must complete ENGL 1300 first.)*
* ENGL 1410
* PORT 3000 (0 Credits) – Writing Portfolio
 |
| **Reasoning Skills** (4 hours) | * MATH 1330
* CHEM 4001
 |
| **Area Requirements** (29 hours)* + Maximum 2 courses from any one discipline may be applied to the area requirements
	+ Courses may not be taken pass/fail
 | * 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

**NOTE:** Cannot select courses from primary major courses for area requirements. |
| **Oral Communication, Cultural Diversity, and Global Awareness Requirements** | One course from each list (see degree audit). *All courses that fulfill these requirements may also count towards other general education or major requirements.* |
| **Compass Curriculum** (9 hours)* Explore and Navigate courses must be outside major and area requirements
* Writing Intensive, Inclusiveness, and Sustainability courses can count towards other requirements within degree
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| **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)***Two courses with one upper-division (3000+ level)* | * 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**

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|  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 | 3 |
|  | 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 | 4 |
|  | 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 | 3 |
|  | 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 *(Global Awareness/Inclusiveness)* | 3 |  | PHIL 3130, 3160 or 3180 | 3 |
|  | **TOTAL** | 16 |  | **TOTAL** | 15 |
|  |  |
| **Year Four** | √ | **FALL** | *Hours* | √ | **SPRING** | *Hours* |
|  | CHEM 4921 | 3 |  | UD CHEM Elective | 3 |
|  | Upper-Division (UD) CHEM Elective | 3 |  | UD General Elective *(HPNU 3060 recommended)* | 3 |
|  | UD General Elective *(HPNU 3050 recommended)* | 3 |  | General Elective *(UD Stats course recommended)* | 3 |
|  | HUM 3990 | 3 |  | General Elective *(Sustainability)* | 3 |
|  | General Elective *(Cultural Diversity)* | 3 |  |  |  |
|  | **TOTAL** | 15 |  | **TOTAL** | 12 |