Academic Advising Hours:
Location: Main Hall 208
Hours: Monday: 9am-5pm Walk-in Advising
       Tuesday–Friday: 9am-4pm Appointments Only
Call: (719) 255-3260
Website: www.uccs.edu/advising

General Academic Information

Academic Policies
It is the responsibility of each student to know and follow all Academic policies established by the University and the College of Letters, Arts & Sciences (LAS) that are set forth in the Catalog (catalog.uccs.edu).

Course Prerequisites
Students are responsible for knowing and completing all course prerequisites. Course prerequisites are strictly enforced for all classes at UCCS.

Restrictions and Limitations
Students may apply a maximum of 30 credit hours towards the bachelor’s degree from course work taken outside the College of Letters, Arts & Sciences. Students may apply a maximum of 8 credit hours of independent study towards the major area of study and a maximum of 16 credit hours towards the bachelor’s degree. Students may apply a maximum of 21 credit hours of Military Science/ROTC towards general electives and towards the bachelor’s degree.

Probation/Suspension
To remain in good academic standing within the College of Letters, Arts & Sciences, students must maintain a cumulative CU GPA of 2.0, or better. Students whose cumulative CU GPA falls below a 2.0 will be placed on probation for the next semester in which they are enrolled. While on probation students must achieve a minimum semester GPA of a 2.25. If the required semester GPA is not met, the student will be suspended from the College of Letters, Arts & Sciences for a full academic year (Fall and Spring semesters). PLEASE NOTE: While on probation, registration for the subsequent semester will be blocked until final grades are posted for the current semester. This is to verify that the minimum semester GPA for each student has been fulfilled.

UCCS Bachelor of Arts, BA Biochemistry Major Degree Requirements
> A minimum of 120 hours must be completed with a cumulative CU grade point average of 2.0; at least 45 of these hours must be at the upper-division level (courses numbered 3000-4999).

> No more than 54 hours of CHEM course work can count towards the degree.
> The last 30 hours of the degree must be completed while registered in the College of Letters, Arts and Sciences at UCCS.
> Courses numbered below 1000 do not count towards degree completion.

Compass Curriculum
Compass Curriculum is the campus-wide general education program at UCCS. The Compass Curriculum has multiple components many of which will coincide with the degree requirements listed in this guide. Please visit the Compass Curriculum website at www.uccs.edu/compasscurriculum, review your degree audit, or check out the Compass Curriculum advising guide for specific course details. The required components are listed below and referenced in the guide.

REQUwquired Compass Curriculum Components:

<table>
<thead>
<tr>
<th>Component</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gateway</td>
<td>GPS 1010</td>
</tr>
<tr>
<td>Explore 1 – Arts, Humanities and Cultures</td>
<td>See List</td>
</tr>
<tr>
<td>Explore 1 – Society, Behavior and Health</td>
<td>See List</td>
</tr>
<tr>
<td>Explore 1 – Physical and Natural World</td>
<td>BIOL 1350</td>
</tr>
<tr>
<td>Navigate 2</td>
<td>HUM 3990</td>
</tr>
<tr>
<td>Summit</td>
<td>CHEM 4921</td>
</tr>
<tr>
<td>Writing Intensive Course (WIC) 3</td>
<td>CHEM 1513, HUM 3990</td>
</tr>
<tr>
<td>Inclusiveness 3</td>
<td>See List</td>
</tr>
<tr>
<td>Sustainability 3</td>
<td>See List</td>
</tr>
</tbody>
</table>

1 Explore must be outside major and area requirements.
2 Navigate must be outside major requirements.
3 Can count towards other requirements within the Compass Curriculum or within a student’s degree program.
### BA Biochemistry Major

(52 hours)

The Biochemistry major requires a minimum of 52 credit hours of CHEM course work and a minimum of 16 credit hours of upper-division (3000+ level) CHEM course work.

All CHEM courses must have a grade of “C” or better.

All auxiliary requirements must be completed in addition to the required major courses.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1401/1402</td>
<td>General Chemistry I and Lab</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 1511/1513</td>
<td>General Chemistry for Majors II and Lab</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 3201/3203</td>
<td>Organic Chemistry for Majors I and Lab</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 3211/3213</td>
<td>Organic Chemistry for Majors II and Lab</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 4001/4002</td>
<td>Analytical Chemistry and Lab</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 4221</td>
<td>Biochemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 4222</td>
<td>Biochemistry Laboratory</td>
<td>3</td>
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<tr>
<td>CHEM 4231</td>
<td>Biochemistry II</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 4241</td>
<td>Biochemistry of the Gene</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 4701</td>
<td>Biophysical Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 4921</td>
<td>Biochemistry of Human Health and Development</td>
<td>3</td>
</tr>
</tbody>
</table>

**Electives**

Complete 10 hours of Upper Division (3000+ level) Chemistry Electives. Up to 6 hours may be CHEM 4904/4905.

### Composition (6 hours)

**Complete ENGL 1310, 1410, and the Writing Portfolio.**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1310</td>
<td>Rhetoric &amp; Writing I</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1410</td>
<td>Rhetoric &amp; Writing II</td>
<td>3</td>
</tr>
<tr>
<td>PORT 3000</td>
<td>Writing Portfolio Assessment</td>
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</table>

### Reasoning Skills (4 hours)

Complete the courses listed below. Please note that CHEM 4001 is a required major course and MATH 1330 is part of the auxiliary requirements.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1330</td>
<td>Calculus for Life Sciences</td>
<td>4</td>
</tr>
</tbody>
</table>

### Area Requirements (27 hours)

All LAS students are required to complete 9 credit hours in each of three areas - humanities, social sciences, and natural sciences. The total requirement is 27 hours.

**Specific Limitations:**

> No more than two courses from any one discipline may be applied to the area requirements.

**Courses in the primary major may not be applied to area requirements.**

#### HUMANITIES – Complete 9 hours from the list of courses below. Course selection must include one occurrence of HUM 3990.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AH 1000</td>
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</tr>
<tr>
<td>AH 2800</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HUM 3990</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### SOCIAL SCIENCE – Complete 9 hours from the list of courses below.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 1020</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COMM 1020</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECON 1000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GES 1980</td>
<td></td>
<td></td>
</tr>
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</table>
Courses may not be taken pass/fail.

<table>
<thead>
<tr>
<th>PHIL 4260</th>
<th>PHIL 4400</th>
<th>PSC 1010</th>
<th>PSC 1100</th>
<th>PSC 2080</th>
<th>PSC 2100</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSC 3300</td>
<td>PSC 4190</td>
<td>PSC 4210</td>
<td>PSC 4470</td>
<td>PSY 3000</td>
<td>SOC 1110</td>
</tr>
<tr>
<td>SOC 2120</td>
<td>SOC 2200</td>
<td>SOC 2220</td>
<td>SOC 2250</td>
<td>SOC 2300</td>
<td>SOC 2500</td>
</tr>
<tr>
<td>SOC 3340</td>
<td>SOC 3610</td>
<td>WEST 1010</td>
<td>WEST 2500</td>
<td>WEST 3060</td>
<td>WEST 3070</td>
</tr>
<tr>
<td>WEST 3090</td>
<td>WEST 3620</td>
<td>WEST 4100</td>
<td>WEST 4120</td>
<td>WEST 4500</td>
<td></td>
</tr>
</tbody>
</table>

### Natural Science

Complete the courses below. Please note that these courses also are part of the auxiliary requirements for the major.

| PES 1110 | PES 1120 | PES 1160 | PES 2160 |

### Oral Communication, Cultural Diversity, and Global Awareness Requirements

Students are required to take one course with a substantial component involving oral communication, one course that increases their awareness of cultural diversity, and one course that increases their awareness of global issues.

All courses in this section can count towards other requirements. Courses marked with an asterisk (*) can count towards specific requirements; courses without an asterisk will count towards General Electives.

<table>
<thead>
<tr>
<th>BIOL 4040</th>
<th>CHEM 4911*</th>
<th>CHEM 4921*</th>
<th>COMM 2010</th>
<th>COMM 2100</th>
<th>COMM 3240</th>
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<td>MATH 4040</td>
<td>PES 4810</td>
<td>PHI 1040</td>
<td>PHI 4950</td>
<td>TED 4600</td>
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<tr>
<td>TED 4700</td>
<td>THTR 2020</td>
<td>THTR 2030</td>
<td>THTR 2040</td>
<td>THTR 2050</td>
<td>THTR 3100</td>
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</table>

### Cultural Diversity

Complete one of the courses listed below.

<table>
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<tr>
<th>AH 3430</th>
<th>ANTH 3250</th>
<th>ANTH 3420</th>
<th>ASL 4000</th>
<th>COMM 3280</th>
<th>ENGL 3320*</th>
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</thead>
<tbody>
<tr>
<td>ENGL 4060</td>
<td>FCS 3360</td>
<td>FCS 4210*</td>
<td>GES 4680</td>
<td>HIST 3520</td>
<td>HIST 3580</td>
</tr>
<tr>
<td>MUS 2050*</td>
<td>PHI 3180*</td>
<td>PHI 3230</td>
<td>PHI 4550</td>
<td>SOC 2200*</td>
<td>SOC 2250*</td>
</tr>
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<td>SOC 3220</td>
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<td>SOC 3290</td>
<td>SOC 4240</td>
<td>SOC 4290</td>
<td>SOC 4390</td>
</tr>
<tr>
<td>SOC 4680</td>
<td>SOC 4920*</td>
<td>SPAN 4210*</td>
<td>SPAN 4420</td>
<td>THTR 3240</td>
<td>WEST 1010*</td>
</tr>
<tr>
<td>WEST 2020</td>
<td>WEST 3090</td>
<td>WEST 3130</td>
<td>WEST 3150</td>
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<td>WEST 3290</td>
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<td>WEST 3360</td>
<td>WEST 3420</td>
<td>WEST 3520</td>
<td>WEST 3580</td>
<td>WEST 4120*</td>
<td>WEST 4280*</td>
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<td>WEST 4390</td>
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<td>WEST 4550</td>
<td>WEST 4680</td>
<td>WEST 4920*</td>
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### Global Awareness

Complete one of the courses listed below.

<table>
<thead>
<tr>
<th>ANTH 1040*</th>
<th>ANTH 3040*</th>
<th>AH 3450</th>
<th>AH 3460</th>
<th>AH 4450</th>
<th>AH 4470</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1510*</td>
<td>CHEM 1111*</td>
<td>CHEM 4521*</td>
<td>ECON 3590</td>
<td>ECON 3710*</td>
<td>ENGL 2600*</td>
</tr>
<tr>
<td>ENGL 2610*</td>
<td>ENGL 4065</td>
<td>EUST 3000</td>
<td>FCS 3180*</td>
<td>FCS 3190*</td>
<td>FCS 3250</td>
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<tr>
<td>FCS 3380</td>
<td>FCS 3690*</td>
<td>FCS 3890*</td>
<td>FILM 2000*</td>
<td>FILM 3690*</td>
<td>FR 3250</td>
</tr>
<tr>
<td>GER 3180*</td>
<td>GER 3190*</td>
<td>GES 1980*</td>
<td>GES 1990*</td>
<td>GES 3070</td>
<td>GES 3400</td>
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<td>GES 3820</td>
<td>GES 3980</td>
<td>GES 4640</td>
<td>GRNT 3560</td>
<td>HIST 1110</td>
<td>HIST 1120*</td>
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<td>HIST 1130*</td>
<td>HIST 1140*</td>
<td>HIST 1400*</td>
<td>HIST 1410*</td>
<td>HIST 1600*</td>
<td>HIST 1610*</td>
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<td>HIST 4860</td>
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<td>PHIL 1400</td>
<td>PHIL 3000</td>
<td>PHIL 3100*</td>
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<tr>
<td>PHIL 3345</td>
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<td>PHIL 3500</td>
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<td>PSC 2080*</td>
<td>PSC 2090</td>
<td>PSC 3240</td>
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<td>PSC 4190*</td>
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<td>PSC 4590</td>
<td>PSY 3560</td>
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<td>SOC 4700*</td>
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<td>WEST 4700*</td>
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</tbody>
</table>

**Compass Curriculum**

(12 hours)

Complete all Compass Curriculum requirements not already completed as part of the above program. The Gateway Seminar (**GPS 1010**) must be completed by all students. Explore courses must be completed outside of the major and Area Requirements. All other Compass Curriculum requirements can be completed within the degree requirements above. To see a list of all Compass Curriculum courses, please visit: [www.uccs.edu/compasscurriculum](http://www.uccs.edu/compasscurriculum).

**General Electives**

(18 hours)

Complete additional courses to meet total and upper-division requirements for your degree program.
Four-Year Degree Plan – BA Biochemistry

The following four-year plan lists all the specific course requirements for the Bachelor of Arts in Biochemistry degree at UCCS. The order in which these courses are taken may vary with course availability. **Students are responsible for completing all course prerequisites.** Please note that this is a *suggested* degree program; your program may vary.

### Suggested First Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Hours</th>
<th>Spring</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1310</td>
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<td>ENGL 1410</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1401/1402</td>
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<td>CHEM 1511/1513</td>
<td>5</td>
</tr>
<tr>
<td>MATH 1330</td>
<td>4</td>
<td>BIOL 1350</td>
<td>3</td>
</tr>
<tr>
<td>GPS 1010</td>
<td>3</td>
<td>Explore – Society, Behavior and Health Course</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
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<td><strong>Total</strong></td>
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### Suggested Second Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Hours</th>
<th>Spring</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 3201/3203</td>
<td>5</td>
<td>CHEM 3211/3213</td>
<td>5</td>
</tr>
<tr>
<td>PES 1110/1160</td>
<td>5</td>
<td>PES 1120/2160</td>
<td>5</td>
</tr>
<tr>
<td>General Elective</td>
<td>3</td>
<td>Social Science Elective</td>
<td>3</td>
</tr>
<tr>
<td>Explore – Arts, Humanities &amp; Cultures Course</td>
<td>3</td>
<td>Humanities Elective</td>
<td>3</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>16</strong></td>
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### Suggested Third Year

<table>
<thead>
<tr>
<th>Fall</th>
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<th>Spring</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td>CHEM 4001/4002</td>
<td>4</td>
<td>CHEM 4222</td>
<td>3</td>
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<td>CHEM 4221</td>
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<td>CHEM 4231</td>
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<td>HUM 3990</td>
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<td>Humanities Elective</td>
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<tr>
<td>Social Science Elective</td>
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<td><strong>Total</strong></td>
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<td><strong>Total</strong></td>
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### Suggested Fourth Year

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<th>Spring</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>UD (Upper-Division) CHEM Elective</td>
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<td>CHEM 4921</td>
<td>3</td>
</tr>
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<td>CHEM 4701</td>
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<td>UD CHEM Elective</td>
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</tr>
<tr>
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