

## ACADEMIC ADVISING

### Partnering with students to successfully navigate college

**Location:** Main Hall 208

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- 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. 126 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 Biology: [Undergraduate | Department of Biology \(uccs.edu\)](#)

| Major Requirements  |                        |   |              |
|---|------------------------|---|--------------|
| Biology Major<br>(32 hours)   | Course/Area            | Course Title  | Credit Hours |
| <ul style="list-style-type: none"> <li>Requires a minimum of 32 credit hours of BIOL course work and a minimum of 24 credit hours of auxiliary courses</li> <li>Requires a minimum of 24 credit hours of upper-division (3000+ level) BIOL course work.</li> <li>All BIOL courses must have a grade of "C-" or better.</li> </ul> | BIOL 1300/1310         | General Biology: Organismic Biology and Lab                               | 4            |
|   | BIOL 1350/1360         | General Biology: Introduction to the Cell and Lab                         | 4            |
|   | BIOL 3000              | Biostatistics   | 3            |
|   | BIOL 3020              | Cell Biology  | 3            |
|   | BIOL 3700              | General Ecology   | 3            |
|   | BIOL 3830              | Genetics  | 3            |
|   | BIOL 4250              | Evolution   | 3            |
|   | Electives              | Complete 9 hours of Upper Division (3000+ level) BIOL Electives.          | 9            |
|   | Auxiliary Requirements |   |              |
|   | CHEM 1401/1402         | General Chemistry I and Lab I   | 5            |
|   | CHEM 1411/1412         | General Chemistry II and Lab II   | 5            |
|   | CHEM 3001/3002         | Organic Chemistry and Lab   | 5            |
|   | MATH 1330              | Calculus for Life Sciences  | 4            |
|   | PES 1010/1150          | Physics for Life Science I and Lab I                                      | 5            |
| UCCS Teach Courses<br>(33 hours)  | Course/Area            | Course Title  | Credit 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 Teaching | 3            |
|   | UTED 2010              | Knowing and Learning in Mathematics and Science                           | 3            |
|   | UTED 3020              | Classroom Interactions  | 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 3030              | Perspectives on Science and Math  | 3            |
|   | UTLS 3040              | Science Research Methods  | 3            |

## General Education and Elective Requirements

| <b>Core Writing Requirement</b><br>(6 hours)   | 1. ENGL 1310, 1308, or 1305 ( <i>Students choosing ENGL 1305 must complete ENGL 1300 first.</i> )<br>2. ENGL 1410<br>3. PORT 3000 (0 Credits) – Writing Portfolio  |           |        |                |          |  |                  |   |           |   |                |                 |  |               |  |  |  |                      |                  |                       |           |
|--|--|-----------|--------|----------------|----------|--|------------------|---|-----------|---|----------------|-----------------|--|---------------|--|--|--|----------------------|------------------|-----------------------|-----------|
| <b>Reasoning Skills</b>  | 1. MATH 1330 (included in auxiliary requirements)<br>2. BIOL 3000 (included in major requirements)   |           |        |                |          |  |                  |   |           |   |                |                 |  |               |  |  |  |                      |                  |                       |           |
| <b>Area Requirements</b><br>(25 hours)<br><ul style="list-style-type: none"><li>Maximum 2 courses from any one discipline may be applied to the area requirements</li></ul>  | 1. Humanities – 9 credit hours of which 3 credits must be HUM 3990.<br>2. Social Sciences – 9 credit hours<br>3. Natural Sciences – 7 credit hours to include GEOL 1010 and PES 1050 <b>or</b> PES 1060<br><br><b>NOTE:</b> Cannot select courses from primary major courses for area requirements.  |           |        |                |          |  |                  |   |           |   |                |                 |  |               |  |  |  |                      |                  |                       |           |
| <b>Oral Communication, Cultural Diversity, and Global Awareness Requirements</b>   | 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>   |           |        |                |          |  |                  |   |           |   |                |                 |  |               |  |  |  |                      |                  |                       |           |
| <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><br>(6 hours)<br><ul style="list-style-type: none"><li>Explore and Navigate courses must be outside major and area requirements</li><li>Writing Intensive, Inclusiveness, and Sustainability courses can count towards other requirements within degree</li></ul> | <table> <tr> <th>Component</th><th>Course</th></tr> <tr> <td><b>Gateway</b></td><td>GPS 1010</td></tr> <tr> <td><b>Explore – Arts, Humanities and Cultures</b></td><td>See Degree Audit</td></tr> <tr> <td><b>Explore – Society, Behavior and Health</b></td><td>UTED 1030</td></tr> <tr> <td><b>Explore – Physical and Natural World</b></td><td>CHEM 1401/1402</td></tr> <tr> <td><b>Navigate</b></td><td>HUM 3990 (included in LAS area requirements)</td></tr> <tr> <td><b>Summit</b></td><td>UTED 4730 (included in major requirements)</td></tr> <tr> <td><b>Writing Intensive Courses (WIC)</b><br/><i>Two courses with one upper-division (3000+ level)</i></td><td>1. HUM 3990 (included in LAS area requirements)<br/>2. See Degree Audit</td></tr> <tr> <td><b>Inclusiveness</b></td><td>See Degree Audit</td></tr> <tr> <td><b>Sustainability</b></td><td>BIOL 3700</td></tr> </table> | Component | Course | <b>Gateway</b> | GPS 1010 | <b>Explore – Arts, Humanities and Cultures</b> | See Degree Audit | <b>Explore – Society, Behavior and Health</b> | UTED 1030 | <b>Explore – Physical and Natural World</b> | CHEM 1401/1402 | <b>Navigate</b> | HUM 3990 (included in LAS area requirements) | <b>Summit</b> | UTED 4730 (included in major requirements) | <b>Writing Intensive Courses (WIC)</b><br><i>Two courses with one upper-division (3000+ level)</i> | 1. HUM 3990 (included in LAS area requirements)<br>2. See Degree Audit | <b>Inclusiveness</b> | See Degree Audit | <b>Sustainability</b> | BIOL 3700 |
| Component  | Course   |           |        |                |          |  |                  |   |           |   |                |                 |  |               |  |  |  |                      |                  |                       |           |
| <b>Gateway</b>   | GPS 1010   |           |        |                |          |  |                  |   |           |   |                |                 |  |               |  |  |  |                      |                  |                       |           |
| <b>Explore – Arts, Humanities and Cultures</b>   | See Degree Audit   |           |        |                |          |  |                  |   |           |   |                |                 |  |               |  |  |  |                      |                  |                       |           |
| <b>Explore – Society, Behavior and Health</b>  | UTED 1030  |           |        |                |          |  |                  |   |           |   |                |                 |  |               |  |  |  |                      |                  |                       |           |
| <b>Explore – Physical and Natural World</b>  | CHEM 1401/1402   |           |        |                |          |  |                  |   |           |   |                |                 |  |               |  |  |  |                      |                  |                       |           |
| <b>Navigate</b>  | HUM 3990 (included in LAS area requirements)   |           |        |                |          |  |                  |   |           |   |                |                 |  |               |  |  |  |                      |                  |                       |           |
| <b>Summit</b>  | UTED 4730 (included in major requirements)   |           |        |                |          |  |                  |   |           |   |                |                 |  |               |  |  |  |                      |                  |                       |           |
| <b>Writing Intensive Courses (WIC)</b><br><i>Two courses with one upper-division (3000+ level)</i>   | 1. HUM 3990 (included in LAS area requirements)<br>2. See Degree Audit   |           |        |                |          |  |                  |   |           |   |                |                 |  |               |  |  |  |                      |                  |                       |           |
| <b>Inclusiveness</b>   | See Degree Audit   |           |        |                |          |  |                  |   |           |   |                |                 |  |               |  |  |  |                      |                  |                       |           |
| <b>Sustainability</b>  | BIOL 3700  |           |        |                |          |  |                  |   |           |   |                |                 |  |               |  |  |  |                      |                  |                       |           |

## 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 |
|----------|---|----------------|-------|---|----------------------|-------|
|          |   | GPS 1010       | 3     |   | ENGL 1410            | 3     |
|          |   | ENGL 1310      | 3     |   | BIOL 1350/1360       | 4     |
|          |   | BIOL 1300/1310 | 4     |   | CHEM 1411/1412       | 5     |
|          |   | CHEM 1401/1402 | 5     |   | UTED 1030            | 3     |
|          |   |                |       |   | PES 1050 or PES 1060 | 3     |
|          |   | <b>TOTAL</b>   | 15    |   | <b>TOTAL</b>         | 18    |

| Year Two | ✓ | FALL           | Hours | ✓ | SPRING  | Hours |
|----------|---|----------------|-------|---|---|-------|
|          |   | CHEM 3001/3002 | 5     |   | BIOL 3830   | 3     |
|          |   | GEOL 1010      | 4     |   | MATH 1330   | 4     |
|          |   | PES 1010/1150  | 5     |   | UTED 3020   | 3     |
|          |   | UTED 2010      | 3     |   | Explore – Arts, Humanities & Cultures Course                      | 3     |
|          |   |                |       |   | Social Science Elective ( <i>Global Awareness/Inclusiveness</i> ) | 3     |
|          |   | <b>TOTAL</b>   | 17    |   | <b>TOTAL</b>  | 16    |

| Year Three | ✓ | FALL                              | Hours | ✓ | SPRING  | Hours |
|------------|---|-----------------------------------|-------|---|---|-------|
|            |   | BIOL 3000                         | 3     |   | BIOL 3700   | 3     |
|            |   | BIOL 3020                         | 3     |   | UD BIOL Elective                                      | 3     |
|            |   | Upper-Division (UD) BIOL Elective | 3     |   | UTLS 3030 (Spring Only)                               | 3     |
|            |   | UTLS 3040 (Fall Only)             | 3     |   | HUM 3990  | 3     |
|            |   | UTED 4720 (Fall Only)             | 3     |   | Humanities Elective                                   | 3     |
|            |   | <b>TOTAL</b>                      | 15    |   | Social Science Elective ( <i>Cultural Diversity</i> ) | 3     |
|            |   |                                   |       |   | <b>TOTAL</b>  | 18    |

| Year Four | ✓ | FALL                    | Hours | ✓ | SPRING       | Hours |
|-----------|---|-------------------------|-------|---|--------------|-------|
|           |   | BIOL 4250               | 3     |   | UTED 4730    | 12    |
|           |   | UD BIOL Elective        | 3     |   |              |       |
|           |   | UTED 4710               | 3     |   |              |       |
|           |   | Humanities Elective     | 3     |   |              |       |
|           |   | Social Science Elective | 3     |   |              |       |
|           |   | <b>TOTAL</b>            | 15    |   | <b>TOTAL</b> | 12    |

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