

ACADEMIC ADVISING

Partnering with students to successfully navigate college

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GENERAL ACADEMIC INFORMATION

Minimum Graduation Requirements

- 126 credit hours
- 45 upper-division credit hours (3000-4999 level)
- 2.5 CU cumulative GPA
- Residency: At least 30 credit hours of the 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.

DEGREE REQUIREMENTS

Explore Biology: [Undergraduate](https://www.uccs.edu/undergraduate) | [Department of Biology \(uccs.edu\)](https://www.uccs.edu/department-of-biology)

| Major Requirements | | | |
|--|--|--|--------------|
| Biology Major – Elementary Education option (32 hours) | Course/Area | Course Title | Credit Hours |
| | 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 |
| | Biology major Auxiliary Requirements | | |
| <ul style="list-style-type: none"> • Requires a minimum of 32 credit hours of BIOL course work and an additional 14 hours of auxiliary course work. • Requires a minimum of 24 credit hours of upper-division (3000+ level) BIOL course work. • All BIOL courses must have a grade of "C-" or better. | CHEM 1401/1402 | General Chemistry I & General Chemistry Lab I | 5 |
| | MATH 1330 | Calculus for Life Sciences | 4 |
| | PES 1010/1150 | Physics for Life Science I & General Physics Lab I - Algebra Based | 5 |
| | Education Courses (46 hours) | | |
| | EDUC 1000 or SPED 3001 | Introduction to Inclusive Education or Introduction to Special Education | 3 |
| | EDUC 2000 | Introduction to Educational Psychology | 3 |
| | EDUC 2700 | Schools, Society, and Diversity | 3 |
| | EDUC 3800* | English as a Second Language for Education | (3) |
| | IELM 3900 or 3950 | Field Placement I (fall only) or II (spring only) | 3 |
| | EDUC 3992 | Introduction to Professional Year - Elementary | 1 |
| <ul style="list-style-type: none"> • A grade of "B-" or better must be earned in all Professional Year courses. <p>*EDUC 3800 is recommended, but not required, and if taken will increase the total hours for the degree.</p> <p>*HIST 1530 or 1540 will also fulfill an Inclusiveness course.</p> | Professional Year Courses - All other course work must be completed before starting the Professional Year. All Professional Year courses should be taken in the specific semester listed | | |
| | IELM 4015 (Spring I) | Teaching Reading & Writing Grades 2-6 | 3 |
| | EDUC 4100 (Summer) | Elementary Curriculum, Instruction, & Classroom Management | 3 |
| | IECE 4010 (Summer) | Literacy Development, Instruction, and Interventions K-Grade 3 | 3 |
| | IELM 4025 (Fall) | Teaching Elementary Mathematics | 3 |
| | IELM 4035 (Fall) | Teaching Elementary Science | 3 |
| | IELM 4045 (Fall) | Teaching Elementary Social Studies | 3 |
| | IELM 4900 (Fall) | Field Placement III | 3 |
| | IELM 4950 (Spring II) | Student Teaching | 12 |
| | Elementary Education Auxiliary Courses | | |
| <p>Choose one of the following: ECON 1000, 1010, or 1050</p> | Economics Course | | 3 |
| | ENGL 1500 | Introduction to Literature for Non-Majors | 3 |
| | GES 1980 or 1990 | World Regional Geography or Introduction to Human Geography | 4 |
| | *US History Course | HIST 1510, 1520, 1530, or 1540 | 3 |
| | PSC 1100 | The American Political System | 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 Writing Portfolio – PORT 3000 (0 credits) or PORT 4000 (1 credit) or alternative – See Degree Audit | |
| Reasoning Skills (6 hours) | <ul style="list-style-type: none"> MATH 3010 MATH 3020 | |
| Core Humanities (3 hours) | <ul style="list-style-type: none"> HUM 3990 <ul style="list-style-type: none"> This course also fulfills Navigate and one Writing Intensive course. | |
| Natural Sciences Lab | <ul style="list-style-type: none"> CHEM 1402 (included in auxiliary requirements) | |
| Oral Communication | <ul style="list-style-type: none"> IELM 4950 (<i>Student Teaching</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 taken in departments other than the major. Writing Intensive, Inclusiveness, and Sustainability courses may count toward other requirements within the degree. | Component | Course |
| | Gateway Program Seminar | GPS 1010 |
| | Explore – Arts, Humanities and Cultures (2 courses) | <ul style="list-style-type: none"> ENGL 1500 (included in auxiliary courses) U.S History Course (included in auxiliary courses) |
| | Explore – Society, Behavior and Health (2 courses) | <ul style="list-style-type: none"> EDUC 2700 (included in Education requirements) PSC 1100 (included in auxiliary courses) |
| | Explore – Physical and Natural World (2 courses) | <ul style="list-style-type: none"> MATH 3010 (Included in Reasoning Skills requirement) CHEM 1401 (Included in auxiliary requirements) |
| | Navigate | HUM 3990 (included in LAS gen ed requirements) |
| | Summit | IELM 4950 (included in Education requirements) |
| | Writing Intensive Courses (WIC) (2 courses) <i>Must include one upper-division (3000+ level)</i> | <ul style="list-style-type: none"> HUM 3990 (included in LAS gen ed requirements) IELM 4950 (included in Education requirements) |
| | Inclusiveness (2 courses) | <ul style="list-style-type: none"> GES 1980 or GES 1990 HIST 1530 or HIST 1540 |
| | Sustainability | 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 |
|----------|---|----------------|-------|---|--------------------------|-------|
| | | ENGL 1310 | 3 | | ENGL 1410 | 3 |
| | | BIOL 1300/1310 | 4 | | BIOL 1350/1360 | 4 |
| | | CHEM 1401/1402 | 5 | | MATH 1330 | 4 |
| | | GPS 1010 | 3 | | EDUC 2700 | 3 |
| | | | | | ECON 1000, 1010, or 1050 | 3 |
| | | TOTAL | 15 | | TOTAL | 17 |

| Year Two | ✓ | FALL | Hours | ✓ | SPRING | Hours |
|----------|---|--|-------|---|-----------------------------------|-------|
| | | BIOL 3000 | 3 | | BIOL 3830 | 3 |
| | | PES 1010/1150 | 5 | | Upper-Division (UD) BIOL Elective | 3 |
| | | EDUC 1000 or SPED 3001 | 3 | | EDUC 2000 | 3 |
| | | ENGL 1500 | 3 | | GES 1980 or GES 1990 | 4 |
| | | U.S. History Course (<i>Inclusiveness</i>) | 3 | | PSC 1100 | 3 |
| | | TOTAL | 17 | | TOTAL | 16 |

| Year Three | ✓ | FALL | Hours | ✓ | SPRING | Hours |
|------------|---|--|-------|---|--|-------|
| | | BIOL 3020 | 3 | | BIOL 3700 | 3 |
| | | BIOL 4250 | 3 | | UD BIOL Elective | 3 |
| | | UD BIOL Elective | 3 | | EDUC 3992 | 1 |
| | | EDUC 3900 (<i>fall only</i>) or 3950 (<i>spring only</i>) | 3 | | IELM 4015 | 3 |
| | | HUM 3990 | 3 | | MATH 3020 | 3 |
| | | MATH 3010 | 3 | | | |
| | | TOTAL | 18 | | EDUC 4100 & IECE 4010 (Taken During Summer) | 6 |
| | | | | | TOTAL | 13/6 |

| Year Four | ✓ | FALL | Hours | ✓ | SPRING | Hours |
|-----------|---|--------------|-------|---|--------------|-------|
| | | IELM 4025 | 3 | | IELM 4950 | 12 |
| | | IELM 4035 | 3 | | | |
| | | IELM 4045 | 3 | | | |
| | | IELM 4900 | 3 | | | |
| | | TOTAL | 12 | | TOTAL | 12 |