

College of Letters, Arts and Sciences – BA Biology – Secondary Education Option

Contact Information:

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Student Success Center Advising Hours:

Monday: 9am-6pm Walk-in Advising
Tuesday–Friday: 9am-4pm Appointments Only
To schedule an appointment, call 719-255-3260.

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.

Email Accounts

All students are assigned an official UCCS email address. Email is the official means of communication for UCCS, so it is imperative that students check their email accounts regularly.

Advising

LAS students in good standing are not required to see their academic advisor before registering for courses in any semester, but it is recommended. Academic advising assists students in selecting their classes so that they can progress effectively through their degree program.

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.*

Course Load

A full-time course load is 12 credit hours in a semester. The maximum course load is 18 credit hours in a semester. If a student wishes to take more than 18 credit hours in a given semester, special permission must be obtained through the Student Success Center. Students who expect to work while enrolled in university courses should register for course loads that they can complete without unusual difficulty. Recommended course loads based on work hours is listed below.

| Employed Hours | Enrolled Credit Hours |
|-------------------|-----------------------|
| 40 hours per week | 6-9 credit hours |
| 30 hours per week | 8-11 credit hours |
| 20 hours per week | 10-13 credit hours |



DEPARTMENT OF BIOLOGY – SECONDARY EDUCATION OPTION

Department Chair: Dr. Jeff Broker, 719-255-3441, jbroker@uccs.edu, OCSE B345

Department website: www.uccs.edu/biology

| Degree Requirements | Courses | | | | | |
|--|---|---|------------------|-----------|-----------|--------------|
| <p>Biology Major (33 hours)</p> <p>The Biology major requires a minimum of 33 credit hours of BIOL course work and a minimum of 16 credit hours of upper-division (3000+ level) BIOL course work.</p> <p>All BIOL courses must have a grade of "C-" or better.</p> <p>All auxiliary requirements must be completed in addition to the required major courses.</p> | Course Number | Course Title | | | | Credit Hours |
| | BIOL 1200 | General Biology I: Organismic Biology | | | | 4 |
| | BIOL 1210 | General Biology II: Introduction to the Cell | | | | 4 |
| | BIOL 2030/2130 | Microbiology and Lab | | | | 4 |
| | BIOL 3000 | Biology Statistics | | | | 3 |
| | BIOL 3020 | Cell Biology | | | | 3 |
| | BIOL 3700 | General Ecology | | | | 3 |
| | BIOL 3830 | Genetics | | | | 3 |
| | BIOL 4250 | Evolution | | | | 3 |
| | Electives | <i>Complete 6 hours of Upper Division (3000+ level) BIOL Electives.</i> | | | | 6 |
| | Auxiliary Requirements | | | | | |
| | CHEM 1030 | General Chemistry I | | | | 5 |
| | CHEM 1060 | General Chemistry II | | | | 5 |
| | CHEM 3300/3400 | Organic Chemistry and Lab | | | | 5 |
| MATH 1330 | Calculus for Life Sciences | | | | 4 | |
| PES 1010/1150 | Physics for Life Science I and Lab | | | | 5 | |
| <p>UCCS Teach Courses (32 hours)</p> <p>NOTE: A grade of "B-" or better must be earned in all Education courses.</p> | Complete all of the courses listed below. Courses should be taken in the appropriate semester. See the four-year plan for details. | | | | | |
| | UTED 1010 | UTED 1020 | UTED 2010 | UTED 2020 | | |
| | UTLS 3030 | UTLS 3040 | UTED 4710 | UTED 4720 | | |
| | UTED 4730 | UTED 4731 | | | | |
| <p>Composition (6 hours)</p> | <i>Complete ENGL 1310, 1410, and the Writing Portfolio.</i> | | | | | |
| | ENGL 1310 | Rhetoric & Writing I | | | | 3 |
| | ENGL 1410 | Rhetoric & Writing II | | | | 3 |
| | Writing Portfolio | <i>See the English department website for details.</i> | | | | 0 |
| <p>Reasoning Skills (4 hours)</p> | Complete the courses listed below. Please note that BIOL 3000 is a required major course and MATH 1330 is part of the auxiliary requirements. | | | | | |
| | MATH 1330 | BIOL 3000 (also required for the major) | | | | |
| <p>Area Requirements (31 hours)</p> <p>All LAS students are required to complete 12 credit hours in each of three areas - humanities, social sciences, and natural sciences. The total requirement is 36 hours.</p> <p>Specific Limitations: > No more than two courses from any one discipline may be applied to the area</p> | HUMANITIES – Complete 12 hours from the list of courses below. <i>Course selection must include one course from PHIL 1000, PHIL 1020 or PHIL 1120, and one occurrence of HUM 3990.</i> | | | | | |
| | AH 1000 | AH 1001 | AH 2800 | AH 2810 | AH 2820 | AH 2860 |
| | AH 2890 | AH 3430 | COMM 2250 | COMM 3100 | COMM 3500 | COMM 4000 |
| | ENGL 1500 | ENGL 2600 | ENGL 2610 | ENGL 3320 | ENGL 3900 | FCS 3180 |
| | FCS 3190 | FCS 3240 | FCS 3690 | FCS 3890 | FCS 4210 | FILM 1000 |
| | FILM 2000 | FILM 3690 | FR 3240 | GER 3180 | GER 3190 | HIST 1110 |
| | HIST 1120 | HIST 1130 | HIST 1140 | HIST 1400 | HIST 1410 | HIST 1600 |
| | HIST 1610 | HUM 3990 | ID 2000 | MUS 1000 | MUS 2050 | MUS 2850 |
| | PHIL 1000 | PHIL 1020 | PHIL 1120 | PHIL 1300 | PHIL 3100 | PHIL 3160 |
| | PHIL 3180 | PHIL 4070 | SPAN 3690 | SPAN 4210 | THTR 1000 | THTR 3201 |
| | THTR 3202 | VA 1010 | VA 1020 | WEST 2030 | WEST 2040 | WEST 3070 |
| | WEST 3100 | WEST 3460 | WEST 3550 | WEST 4050 | WEST 4280 | |

| | | | | | | |
|--|--|------------|-----------------|------------|------------|------------|
| <p>requirements. > Courses in the primary major may not be applied to area requirements. > Courses may not be taken pass/fail.</p> | SOCIAL SCIENCE – Complete 12 hours from the list of courses below. <i>Course selection must include PSY 1000.</i> | | | | | |
| | ANTH 1020 | ANTH 1040 | ANTH 2800 | ANTH 3040 | ANTH 3260 | ANTH 3270 |
| | COMM 1020 | COMM 2150 | COMM 3440 | COMM 3650 | COMM4200 | COMM 4220 |
| | COMM 4250 | ECON 1000 | ECON 1010 | ECON 1050 | ECON 2020 | ECON 3150 |
| | ECON 3710 | GES 1980 | GES 1990 | GRNT 3000 | PHIL 3200 | PHIL 4260 |
| | PSC 1010 | PSC 1100 | PSC 2080 | PSC 2100 | PSC 3300 | PSC 4190 |
| | PSC 4210 | PSC 4470 | PSY 1000 | SOC 1110 | SOC 2120 | SOC 2200 |
| | SOC 2220 | SOC 2250 | SOC 2500 | SOC 3610 | SOC 4700 | WEST2010 |
| | WEST 3000 | WEST 3060 | WEST 3620 | WEST 4100 | WEST 4120 | WEST 4700 |
| | NATURAL SCIENCE – Complete GEOL 1010 and PES 1050 or PES 1060. | | | | | |
| GEOL 1010 | PES 1050 | PES 1060 | | | | |
| <p>Oral Communication, Cultural Diversity, and Global Awareness Requirements</p> <p>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.</p> <p><i>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.</i></p> | ORAL COMMUNICATION – Complete UTED 2020 which is part of the required education courses. | | | | | |
| | UTED 2020 | | | | | |
| | CULTURAL DIVERSITY – Complete one of the courses listed below. | | | | | |
| | AH 3430 | ANTH 3250 | ANTH 3420 | COMM 3280 | ENGL 3320* | ENGL 4060 |
| | FCS 3360 | FCS 4210* | HIST 3510 | HIST 3520 | HIST 3580 | MUS 2050* |
| | PHIL 3180* | PHIL 3230 | PHIL 4550 | SOC 2200* | SOC 2250* | SOC 3250 |
| | SOC 3290 | SOC 4240 | SOC 4390 | SPAN 4210* | SPAN 4420 | WEST 2010* |
| | WEST 2020 | WEST 3090 | WEST 3130 | WEST 3150 | WEST 3250 | WEST 3290 |
| | WEST 3360 | WEST 3420 | WEST 3430 | WEST 3520 | WEST 3580 | WEST 4120* |
| | WEST 4140 | WEST 4280* | WEST 4550 | | | |
| | GLOBAL AWARENESS – Complete one of the courses listed below. | | | | | |
| | ANTH 1040* | ANTH 3040* | AH 3450 | AH 3460 | AH 4450 | AH 4470 |
| | BIOL 1510 | CHEM 1510 | CHEM 3410 | ECON 3590 | ECON 3710* | ENGL 2600* |
| | ENGL 2610* | ENGL 4065 | FCS 3180* | FCS 3190* | FCS 3250 | FCS 3340 |
| | FCS 3380 | FCS 3690* | FCS 3890* | FILM 2000* | FILM 3690* | FR 3250 |
| | GER 3180* | GER 3190* | GES 1980* | GES 1990* | GES 3070 | GES 3400 |
| | GES 3820 | GES 3980 | GRNT 3560 | HIST 1110* | HIST 1120* | HIST 1130* |
| | HIST 1140* | HIST 1400* | HIST 1410* | HIST 1600* | HIST 1610* | HIST 3220 |
| | HIST 3560 | HIST 3590 | HIST 3680 | HIST 4050 | HIST 4060 | HIST 4130 |
| | HIST 4150 | HIST 4860 | MUS 3150 | PHIL1400 | PHIL 3100* | PHIL 3240 |
| | PHIL 3400 | PHIL 3480 | PHIL 3490 | PHIL 3500 | PSC 1010* | PSC 2070 |
| | PSC 2080* | PSC 2090 | PSC 4170 | PSC 4190* | PSC 4210* | PSC 4570 |
| | PSC 4580 | PSC 4590 | PSY 3560 | SOC 3340 | SOC 4380 | SOC 4700* |
| | SPAN 3690* | WEST 3040* | WEST 3340 | WEST 3380 | WEST 3480* | WEST 3560 |
| | WEST 3680 | WEST 4050 | WEST 4060 | WEST 4150 | WEST 4160 | WEST 4170 |
| | WEST 4700* | | | | | |

UCCS Bachelor of Arts, BA Biology – Secondary Education Option 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 BIOL 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.

UCCS Four-Year Degree Plan – BA Biology – Secondary Education Option

The following four-year plan lists all the specific course requirements for the Bachelor of Arts in Biology 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

| FALL | | | SPRING | | |
|------|--------------|-----------|--------|--------------------------|-----------|
| √ | Course | Hours | √ | Course | Hours |
| | ENGL 1310 | 3 | | ENGL 1410 | 3 |
| | BIOL 1200 | 4 | | BIOL 1210 | 4 |
| | CHEM 1030 | 5 | | CHEM 1060 | 5 |
| | UTED 1010 | 1 | | UTED 1020 | 1 |
| | | | | PHIL 1000, 1020, or 1120 | 3 |
| | TOTAL | 13 | | TOTAL | 16 |

Suggested Second Year

| FALL | | | SPRING | | |
|------|----------------|-----------|--------|--------------|-----------|
| √ | Course | Hours | √ | Course | Hours |
| | BIOL 2030/2130 | 4 | | BIOL 3020 | 3 |
| | PES 1010/1150 | 5 | | MATH 1350 | 4 |
| | CHEM 3300/3400 | 5 | | PSY 1000 | 3 |
| | UTED 2010 | 3 | | UTED 2020 | 3 |
| | TOTAL | 17 | | TOTAL | 13 |

Suggested Third Year

| FALL | | | SPRING | | |
|------|-------------------------|-----------|--------|-------------------------|-----------|
| √ | Course | Hours | √ | Course | Hours |
| | BIOL 3000 | 3 | | BIOL 3700 | 3 |
| | BIOL 3830 | 3 | | BIOL Elective | 3 |
| | GEO 1010 | 4 | | UTLS 3040 | 3 |
| | UTED 2030 | 3 | | Humanities Elective | 3 |
| | Social Science Elective | 3 | | Social Science Elective | 3 |
| | TOTAL | 16 | | TOTAL | 15 |

Suggested Fourth Year

| FALL | | | SPRING | | |
|------|---------------|-----------|--------|-------------------------|-----------|
| √ | Course | Hours | √ | Course | Hours |
| | BIOL 4250 | 3 | | UTED 4730 | 6 |
| | BIOL Elective | 3 | | UTED 4731 | 1 |
| | HUM 3990 | 3 | | UTED 4732 | 5 |
| | UTLS 3030 | 3 | | Social Science Elective | 3 |
| | UTED 4720 | 3 | | | |
| | TOTAL | 15 | | TOTAL | 15 |