

Best Choices Guide

Biochemistry - Secondary Education Option (BA)

This Associate of Science degree is designed for Colorado Community College System (CCCS) students who want to transfer to UCCS and complete a Bachelor of Arts degree with a major in Biochemistry - Secondary Education Option. It is based on the [best academic advising choices](#) for future UCCS students.

To earn the Associate of Science Degree, students must complete the following course requirements for a total of 60 semester credit hours, at least 34 of which must be Colorado State-Guaranteed Courses. Courses taken at other colleges, AP, IB, CLEP, DSST, and other sources of credit may not be applicable upon transfer to UCCS even if applied to the associate's degree at CCCS. Check the CDHE's [GT Pathways](#) website for more information.

To transfer to UCCS, students should have a cumulative GPA of 2.0 or better.

| Degree Requirements | Courses | |
|--|--|---|
| Written Communication (6 hours) | <ul style="list-style-type: none"> ENG 121 ENG 122 <p><i>Note: Students who test into ENG 122 should take ENG 201 or HIS 265 as their second written communication course.</i></p> | |
| Oral Communication (3 hours) | <ul style="list-style-type: none"> Complete COM 125 or COM 220 | |
| Mathematics (5 hours) | <ul style="list-style-type: none"> MAT 201 | |
| Arts & Humanities (6 hours) | <ul style="list-style-type: none"> Complete two GT-AH courses (GT-AH1) (GT-AH2) (GT-AH3) (GT-AH4) | |
| History (3 hours) | <ul style="list-style-type: none"> Complete one GT-HI1 course (GT-HI1) (DO NOT take more than one GT-HI course for this AA.) | |
| Social & Behavioral Sciences (6 hours) | <ul style="list-style-type: none"> Complete PSY 101 and one additional GT-SS Course (GT-SS1) (GT-SS2) (GT-SS3) | |
| Physical and Life Sciences (10 hours) | <ul style="list-style-type: none"> Complete CHE 111 and CHE 112 | |
| Additional Requirements (23 hours) Courses recommended by UCCS for this degree. | CHE 211 | 5 |
| | CHE 212 | 5 |
| | AST 101 | 4 |
| | BIO 111 | 5 |
| | GEY 111 | 4 |

Other AA/AS Requirements

- A minimum of 60 credit hours in a prescribed program of study with a cumulative grade point average of 2.0 (a C average). At least 15 of these credit hours must be earned from CCCS.
- Only 6 elective credits are allowed in any combination of PED courses.
- Career and technical courses, whether taken at another institution or at CCCS, are not accepted toward this degree without approval. Approval is given only when it is appropriate to the educational objectives of the student.
- Courses numbered below 100 do not apply towards degrees

Foreign Language Note – UCCS

UCCS admission requirements include 2 years of the same high school foreign language (or equivalent 2 semesters at a Colorado Community College). Students planning to attend UCCS who do not have the prerequisite foreign language requirement should consider enrolling in these courses in addition to the degree requirements. Students who do not meet this requirement will need to fulfill it upon transferring to UCCS. This admission requirement does not apply to those who graduated from high school prior to 1988, who have a GED, who graduated from a non-U.S. high school, or who can prove proficiency in a foreign language through the 2nd semester at college level. **Please check with the Transfer Advisor (transfer@uccs.edu) to see if this requirement applies to you.**

Additional Resources

The UCCS transfer website (www.uccs.edu/transfer) has many additional resources for students transferring from CCCS to UCCS.

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Four-Year Degree Plan - Biochemistry - Secondary Education Option

The following four-year plan lists all the specific course requirements for the Bachelor of Science in Biochemistry - Secondary Education Option degree at UCCS. Courses are listed by the course number at the appropriate institution. 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 |
| | ENG 121 | 3 | | ENG 122 | 3 |
| | BIO 111 | 5 | | CHE 112 | 5 |
| | CHE 111 | 5 | | MAT 201 | 5 |
| | GT-AH course | 3 | | GT-SS course | 3 |
| | TOTAL | 16 | | TOTAL | 16 |

Suggested Second Year

| FALL | | | SPRING | | |
|------|---------------|-----------|--------|--------------------|-----------|
| √ | Course | Hours | √ | Course | Hours |
| | CHE 211 | 5 | | CHE 212 | 5 |
| | AST 101 | 4 | | COM 125 or COM 220 | 3 |
| | PSY 101 | 3 | | GEY 111 | 4 |
| | GT-H11 course | 3 | | GT-AH course | 3 |
| | TOTAL | 15 | | TOTAL | 15 |

Suggested Third Year

| FALL | | | SPRING | | |
|------|----------------|-----------|--------|-------------------------|-----------|
| √ | Course | Hours | √ | Course | Hours |
| | CHEM 4001/4002 | 4 | | CHEM 2210 | 3 |
| | PES 1110/1160 | 5 | | CHEM 4211 | 4 |
| | UTED 1030 | 3 | | UTED 3020 | 3 |
| | UTED 2010 | 3 | | UTED 4710 | 3 |
| | | | | UTLS 3030 (Spring Only) | 3 |
| | TOTAL | 15 | | TOTAL | 16 |

Suggested Fourth Year

| FALL | | | SPRING | | |
|------|-------------------------------|-----------|--------|--------------|-----------|
| √ | Course | Hours | √ | Course | Hours |
| | CHEM 4701 | 3 | | UTED 4730 | 12 |
| | Upper-Division CHEM Electives | 2 | | HUM 3990 | 3 |
| | PES 1120/2160 | 5 | | | |
| | UTED 4720 | 3 | | | |
| | UTLS 3040 (Fall Only) | 3 | | | |
| | TOTAL | 16 | | TOTAL | 15 |

UCCS Bachelor of Science, Biochemistry - Secondary Education Option Major 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).
- The Biochemistry - Secondary Education Option major requires a minimum of 33 hours with a grade point average of 2.0, and at least 16 of the hours must be at the upper-division level (courses numbered 3000-4999).
- The last 30 hours of the degree must be completed while registered in the College of Letters, Arts and Sciences at UCCS.
- In addition to the requirements listed on this handout, students are required to complete one course in Oral Communication, Cultural Diversity and Global Awareness. The courses may be within the major, part of general education or electives. Biochemistry - Secondary Education Option majors will meet these requirements by completing the required courses at UCCS.

Prospective Student Advising: Transfer Advisor (transfer@uccs.edu)