

Biology (BS)

This Associate of Science degree is designed for PCC students who want to transfer to UCCS and complete a Bachelor of Science degree with a major in Biology. 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 35 of which must be Colorado State-Guaranteed Courses. Courses taken at other colleges, AP, IB, CLEP, and other sources of credit may not be applicable upon transfer to UCCS even if applied to the associate's degree at PCC.

To transfer to UCCS, students should have a cumulative GPA of 2.4 or better, *including all remedial and repeated courses*. (Students with a transfer GPA between 2.0 and 2.39 will be considered for admission.) Each transfer course must have a grade of "C" or better.

| Degree Requirements | Courses | | | | | |
|--|------------------------|--|---------|---------|---------|---------|
| Communication (6 credit hours) | ENG 121 | <i>Note: Students who test into ENG 122, should take ENG 201 as their second composition course.</i> | | | | |
| | ENG 122 | | | | | |
| Mathematics (5 credit hours) | Category GT-MA1 | | | | | |
| | MAT 201 | | | | | |
| Arts & Humanities/Social & Behavioral Sciences (15 credit hours) 1. Select two courses from two different GT-AH areas. 2. Select one GT-HI course. Do not take more than one GT-HI course for the AS. | Category GT-AH1 | | | | | |
| | ART 110 | ART 111 | ART 112 | ART 207 | MUS 120 | MUS 121 |
| | MUS 122 | MUS 125 | THE 105 | THE 211 | THE 212 | |
| | Category GT-AH2 | | | | | |
| | HUM 103 | HUM 115 | HUM 121 | HUM 122 | HUM 123 | LIT 115 |
| | LIT 201 | LIT 202 | LIT 205 | LIT 211 | LIT 212 | LIT 246 |
| | Category GT-AH3 | | | | | |
| | PHI 111 | PHI 112 | PHI 113 | PHI 114 | PHI 115 | PHI 214 |
| | PHI 218 | PHI 220 | | | | |
| | Category GT-AH4 | | | | | |
| | FRE 211 | FRE 212 | GER 211 | GER 212 | ITA 211 | ITA 212 |
| | SPA 211 | SPA 212 | | | | |
| | Category GT-HI1 | | | | | |
| | HIS 101 | HIS 102 | HIS 111 | HIS 112 | HIS 121 | HIS 122 |
| HIS 225 | HIS 244 | HIS 246 | HIS 247 | | | |
| 3. Select two courses from at least two different GT-SS areas. ANT 101, GEO 105 or GEO 106 are preferred options to fulfill this requirement for UCCS students. | Category GT-SS1 | | | | | |
| | ECO 201 | ECO 202 | ECO 245 | POS 105 | POS 111 | POS 125 |
| | Category GT-SS2 | | | | | |
| | GEO 105 | GEO 106 | | | | |
| | Category GT-SS3 | | | | | |
| | ANT 101 | ANT 107 | ANT 215 | ANT 225 | CJ 110 | COM 220 |
| | ETH 200 | PSY 101 | PSY 102 | PSY 205 | PSY 217 | PSY 226 |
| | PSY 227 | PSY 235 | PSY 238 | PSY 240 | PSY 249 | PSY 265 |
| | SOC 101 | SOC 102 | SOC 205 | SOC 215 | SOC 216 | SOC 218 |
| | SOC 231 | SOC 237 | WST 200 | | | |
| Physical and Life Sciences (10 credit hours) | Category GT-SC1 | | | | | |
| | BIO 111 | BIO 112 | | | | |

| | | |
|--|------------------|---|
| Additional Requirements 24 credits recommended by UCCS for this degree plus remaining courses from the approved course list. | CHE 111 | 5 |
| | CHE 112 | 5 |
| | PHY 111 | 5 |
| | PHY 112 | 5 |
| | COM 115 | 3 |
| | General Elective | 1 |

NOTE: Courses in italics will count towards the UCCS Writing Intensive Requirement.

Other AS Requirements

1. 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 PCC.
2. Only 6 elective credits are allowed in any combination of PED courses.
3. Career and technical courses, whether taken at another institution or at PCC, are not accepted toward this degree without approval of the vice president for educational services. Approval is given only when it is appropriate to the educational objectives of the student.
4. Courses numbered below 100 do not apply towards degrees

State-Wide Articulation Agreement

This guide is based on the Colorado state-wide transfer articulation for your major. For additional information regarding guarantees, limitations, and addendums to that agreement please visit the Guaranteed Transfer and Guided Pathways page on the Colorado Department of Higher Education website (higher.ed.colorado.gov/Academics/Transfers/Students.html).

Foreign Language Note – UCCS

UCCS admission requirements include 2 years of the same high school foreign language (or equivalent 2 semesters at Pikes Peak 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.**

Advising at PCC

Arts&Sciences@pueblocc.edu

Additional Resources

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

Four-Year Degree Plan - Biology

The following four-year plan lists all the specific course requirements for the Bachelor of Science in Biology 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 |
| | GT-SS course from: GEO 105, GEO 106, or ANT 101 | 3 | | BIO 111 | 5 |
| | GT-HI course | 3 | | GT-AH course | 3 |
| | COM 115 | 3 | | GT-SS course | 3 |
| | GT-AH course | 3 | | General Elective | 1 |
| | TOTAL | 15 | | TOTAL | 15 |

Suggested Second Year

| FALL | | | SPRING | | |
|------|--------------|-----------|--------|--------------|-----------|
| √ | Course | Hours | √ | Course | Hours |
| | BIO 112 | 5 | | CHE 112 | 5 |
| | CHE 111 | 5 | | MAT 201 | 5 |
| | PHY 111 | 5 | | PHY 112 | 5 |
| | TOTAL | 15 | | TOTAL | 15 |

Suggested Third Year

| FALL | | | SPRING | | |
|------|----------------------------|-----------|--------|--------------------------------------|-----------|
| √ | Course | Hours | √ | Course | Hours |
| | BIOL 3000 | 3 | | BIOL 3020 | 3 |
| | BIOL 3830 | 3 | | BIOL 3700 | 3 |
| | CHEM 3101/3102 | 5 | | BIOL 4250 | 3 |
| | Cellular/Molecular Course* | 2 | | Upper Division (UD) Biology Elective | 3 |
| | Social Science Course | 3 | | CHEM 3111/3112 | 5 |
| | TOTAL | 16 | | TOTAL | 17 |

Suggested Fourth Year

| FALL | | | SPRING | | |
|------|---|-----------|--------|---|-----------|
| √ | Course | Hours | √ | Course | Hours |
| | Evolution/Ecology Course* | 3 | | BIOL 4010 | 1 |
| | BIOL Elective (2000+ level) | 3 | | Plant Biology Course* | 3 |
| | HUM 3990 | 3 | | Cellular/Molecular Course* | 3 |
| | Physiology Course* | 3 | | BIOL Elective (2000+ level) | 3 |
| | General Elective (<i>Inclusiveness</i>) | 2 | | UD General Elective (<i>Cultural Diversity</i>) | 3 |
| | TOTAL | 14 | | TOTAL | 13 |

UCCS Bachelor of Science, Biology Major Requirements

***Note:** Area courses can be taken in any semester. Upon arriving at UCCS students should consult with an advisor to choose appropriate courses for their desired areas of study.

1. 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).
2. The Biology major requires a minimum of 30 hours with a grade point average of 2.0; a grade of "C-" or higher must be attained in all required courses; and at least 16 of the hours must be at the upper-division level (courses numbered 3000-4999)
3. The last 30 hours of the degree must be completed while registered in the College of Letters, Arts and Sciences at UCCS.
4. 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. Biology majors will have met the Oral Communication and Global Awareness requirements by completing COM 115 plus one course from ANT 101, GEO 105 or GEO 106 at the community college. The Cultural Diversity requirement will be met by taking an approved course as a general elective at UCCS.
5. For specific department information and recommendations, please visit: <http://www.uccs.edu/biology>.

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