



Transfer Guide for Community College Students Transferring to:
Colorado State University-Pueblo Bachelor of Science in

Biology (Secondary Certification Emphasis)

Contact for Biology Department: 719-549-2743

<http://csm.csupueblo.edu/Biology/Pages/default.aspx>

I. General Education Courses

*Students who do not place into college level English Composition or Math will have to take pre-requisite Developmental Education courses.

	Credit Hours	Community College Course Number and Title or gtPathways Category	CSU-Pueblo Course & Credits
Written Communication	6	ENG 121: English Composition I (3 cr) (GT-CO1) ENG 122: English Composition II (3 cr) (GT- CO2)	ENG 101, 3 credits ENG 102, 3 credits
Oral Communication	3	COM 115: Public Speaking (3 cr) A grade of B or better is required for admission to the Teacher Education program; however, a grade of C- or better guarantees the Oral Communication requirement has been met for the AS degree	COMR 103, 3 credits
Mathematics	5	MAT 201, Calculus I	MATH 126, 5 credits
Arts & Humanities	6	Two gtPathways Arts & Humanities courses from two different areas (<u>GT-AH1</u> , <u>GT-AH2</u> , <u>GT-AH3</u> , or <u>GT-AH4</u>)	6 credits
Social & Behavioral Sciences	6	PSY 235, Human Growth and Development, (3 credits) OR PSY 238, Child Development, (3 credits) AND One additional gtPathways Social & Behavioral Science course from (<u>GT-SS1</u> or <u>GT-SS2</u>)	PSYCH 151, 3 credits OR PSYCH 251 3 credits
History	3	One gtPathways History course (<u>GT-HI1</u>)	3 credits
Natural & Physical Sciences	10	BIO 111, General College Biology I With Lab BIO 112, General College Biology II With Lab	BIOL 182/L, 4 credits BIOL 181/L, 4 credits
	39	TOTAL GEN ED CREDITS All of these credit will transfer to CSU-Pueblo, apply to general education requirements, and guarantee junior standing. Due to the credit differentials in Math and Biology courses, 3 credits will not apply toward the Bachelor's degree. All required CSU-Pueblo coursework is listed below with a total of 123-126 credits for completion of the BS degree.	

II. Required Courses

Credit Hours	Community College Course Number and Title	CSU-Pueblo Course & Credits
5	CHE 111, General College Chemistry I With Lab	CHEM 121/L, 5 credits
5	CHE 112, General College Chemistry II With Lab	CHEM 122/L, 5 credits
4	BIO 201, Human Anatomy & Physiology I With Lab	BIOL 223/L, 4 credits
4	GEY 111, Physical Geology	GEOL 101/L, 4 credits

3	EDU 221, Introduction to Education	ED 202, 3 credits
21	TOTAL REQUIRED COURSES CREDITS	
60	TOTAL ASSOCIATE DEGREE CREDITS	

ASSOCIATE OF SCIENCE DEGREE REQUIREMENTS (60 Credits):

Students should note that all required courses must be satisfactorily completed as part of the AS degree at the community college and will also transfer and apply to the bachelor’s degree requirements at the receiving 4-year institution. However, if you’re going to transfer before completing the AS degree, you may not need some of these courses. In that case, check with the receiving institution and an advisor for your options.

GUARANTEES & LIMITATIONS

- 1. Completion of Associate’s Degree:** This transfer guide identifies the courses a student needs to complete (with a C- or higher) to earn an AS degree at a Colorado community/junior college in order to be able to finish the designated baccalaureate degree in no more than 60 credits. Per [Colorado Commission on Higher Education \(CCHE\) Policy I, L](#), students who complete an AS degree at a Colorado community/junior college and who are admitted to a Colorado public baccalaureate institution are guaranteed the following: the full transfer and application of a minimum of 60 credits toward the baccalaureate degree requirements at the Colorado institution of higher education; completion of the lower-division component of the receiving institution’s general education core curriculum; and junior standing. Course credit may be applied to major, elective or other requirements at the receiving institution’s discretion. If more than 60 college-level credits are taken or the student gets lower than a C- in one or more courses at the community/junior college, then some loss of transfer credit may occur, and students may not be able to complete this baccalaureate degree in 120 credits.
- 2. Transfer Before Completing the Associate’s Degree:** If the student intends to transfer prior to completing an AS degree, this transfer guide should still be used to identify the courses that can most effectively prepare them for efficiently completing the designated major at the baccalaureate institution to which they are transferring. While not completing the required associate’s degree eliminates the guarantees described here, gtPathways general education courses identified in Section I are guaranteed to transfer and apply to the receiving institution’s gtPathways lower division general education requirements. Students are strongly encouraged to finish course sequences (such as English Comp I & II or Calculus I, II & III) before transferring.

For additional information on CCHE transfer policies and gtPathways guaranteed transfer of general education credit, visit <http://highered.colorado.gov/Academics/Transfers/Students.html>. To file a transfer-related complaint with the Colorado Department of Higher Education, visit <http://highered.colorado.gov/Academics/Complaints/default.html>

The chart shown below illustrates the remaining requirements to complete the BS in Biology (Secondary Certification Emphasis) after transferring to CSU-Pueblo. 60 semester credits are the maximum amount of transfer credit allowed from two-year institutions. Therefore the credits shown below **MUST** be completed at CSU-Pueblo.

CSU-Pueblo courses required AFTER transfer to complete BS degree		
Course #	Course Title	Credit Hours
BIOL 201/L OR BIOL 202/L	Botany & Lab OR Zoology & Lab	4
BIOL 206/L OR BIOL 301/L	Intro to Microbiology & Lab OR General Microbiology & Lab	4-5
PHYS 201/L	Principles of Physics I & Lab	4
PHYS 202/L	Principles of Physics II & Lab	4
CHEM 211/L OR CHEM 301/L	Intro to Organic Chemistry & Lab OR Organic Chemistry I & Lab	4-5
BIOL 350	Mendelian & Population Genetics	2
BIOL 351	Molecular Biology & Genetics	2
BIOL 352	Evolutionary Biology & Ecology	3
BIOL 378	Laboratory in Teaching Biology	1
Biology	Advisor Approved Upper Division Field Biology Elective & Lab	3-4
Biology	Approved Upper Division Biology Elective	3
BIOL 493	Seminar	1
ED 280	Education Media and Technology	3
ED 301	Frameworks of Teaching	4
ED 412	Teaching Diverse Learners	3
ED 444	Teaching Secondary Science	4
ED485	Capstone Seminar in Education	1
ED 488	Secondary Student Teaching	12
RDG 435	Content Area Literacy	4
Total Credit for A.S. Degree		60
Total Transfer Credit Applied Toward B.S.		57
Total Additional Credit Required for B.S.		66-69
Total B.S. Degree Requirements		123-126