

**Transfer & Advising Guide for Community College Students Transferring to:
Colorado State University – Bachelor of Science
Biomedical Sciences**

**Contact for: Biomedical Sciences
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<https://vetmedbiosci.colostate.edu/degree-programs/undergraduate/>

This agreement identifies community college courses that will apply to the baccalaureate degree.

If you plan to complete this bachelor's degree, recognize that:

1. You should transfer into the bachelor's program after you take the courses outlined below. Transfer hours beyond the credits below are not guaranteed to apply toward the bachelor's degree.
2. It is imperative that you contact an advisor at the 4-year institution by the end of the first semester to clarify course work appropriate for this major and to identify the community college courses and GPA necessary to meet admission requirements to both the 4-year institution and the degree program.
3. This Transfer Guide does not supplant any other transfer agreement your Colorado community college may have with this 4-year institution.

Transfer Recommendations: To graduate in a 4 year overall time frame, it is important that students follow the recommended schedule below. Due to the science rigor of this major, it is critical to take the science and math requirements below. Students who wish to continue their education at the community college beyond the number of credits specified below should explore with both 2-yr and 4-yr advisors how their graduation timeline, COF stipend, and financial aid will be affected.

Guarantees and Limitations: Students:

- are responsible for meeting all admission requirements at the 4-year institution;
- are not guaranteed admission to the bachelor's degree program at the 4-year institution;
- are guaranteed, once admitted, application of the transfer hours below to either lower division general education, course work required for the major, or elective credit;
- must consult with the 4-year institution's bachelor's degree program to utilize AP, IB, or CLEP credits;
- must consult with the 4-year institution's bachelor's degree program for transferability of course work credits beyond those prescribed below as additional courses are major specific and the 4-year institution may restrict the number of community college transfer credits.

Required General Education Courses Applicable to the Major (44 credits)			
General Education Knowledge Area	Credit Hours	Community College Course Number and Title or gtPathways Category	4-year Institution's Course
Written Communication	6	ENG 121: English Composition I (3cr) (GT-CO1) and ENG 122: English Composition II (3cr) (GT-CO2) or ENG 122: English Composition II (3cr) (GT-CO2) and a (GT-CO3) course (3cr)	CO 130 and CO 150 or CO 150 and CO2++ ¹
Art & Humanities	6	Two gtPathways Arts & Humanities courses from two different areas (GT-AH1 , GT-AH2 , GT-AH3 , or GT-AH4)	AUCC 3B AUCC 3E



Social & Behavioral Science	6	Two gtPathways Social & Behavioral Science courses from two different areas (GT-SS1 , GT-SS2 , or GT-SS3) (Pre-Health students should choose PSY 101: General Psychology (GT-SS3) or SOC 101: General Sociology (GT-SS3))	AUCC 3C and AUCC 3E
History	3	One gtPathways History course (GT-HI1)	AUCC 3D
Mathematics	5	MAT 201: Calculus I (GT-MA1)	MAT 160 & 2++
Natural & Physical Sciences	15	CHE 111: General Chemistry I (5cr) (GT-SC1) and CHE 112: General Chemistry II (5cr) (GT-SC1) and BIO 111: General Biology I (5cr) (GT-SC1).	CHEM 111 & 112 ² and CHEM 113, 114 & 1++L and LIFE 102 & 1++L ²
Oral Communication	3	COM 115: Public Speaking (3cr) or COM 125 Interpersonal Communication (3cr) or COM 220: Intercultural Communication (3cr)	SPCM 200 or SPCM 1++ or SPCM 2++
44		TOTAL GEN ED REQUIREMENTS Gen Ed credits will transfer and apply to the bachelor's degree AND will apply to general education credits (AUCC 1-3E) at Colorado State University.	

¹–Grade of B or better required for entry into program.

²-Students completing Environmental Public Health Concentration are required to complete CO 300 or CO301B for major in addition to AUCC requirement.

II. Required Courses

Required Courses (8 credits)			
Credit Hours	Community College (CCCS) Course No.	Course Title and gtPathways Category	4-year Institution's Course
5	PHY 111	Physics: Alg-Based I (GT-SC1)	PH 121
3	MAT 135	Introduction to Statistics	STAT 201 ³
8	TOTAL REQUIRED COURSE CREDITS		

³-B or higher earned in MATH135 will clear CSU STAT 301 requirement

III. Elective and Recommended Courses

“Recommended Courses” means courses that students are strongly encouraged, but not required, to take for preparation in this major and are listed below in priority order.

Elective Courses (8 credits)			
Credit Hours	Community College (CCCS) Course No.	Course Title and gtPathways Category	4-year Institution's Course
5	PHY 112	Physics: Alg-Based II (GT-SC1)	PH 122 ⁴
3	PSY 101	PSY 101: General Psychology (GT-SS3)	PSY 100 ⁵
3	SOC 101	General Sociology (GT-SS3)	SOC 100 ⁵
3	Student chooses, with help from an advisor, from the approved electives list for the community colleges AS degree.		
8	TOTAL ELECTIVE COURSE CREDITS⁶		

⁴ – Not required by the major, but if taken, it may count towards concentration electives depending on concentration declared. Many pre-health programs require this course.

⁵ – If you are interested in Pre-Health then you will want to take both PSY 101 and SOC 101 for entrance exam preparation, if not taken as general education Social Science course(s)

⁶ - To ensure 60 credits student should confirm with CCCS advisor eligible courses to fulfill AS degree

Special Program Notes:

Biomedical Sciences is a Competitive Major with an Enrollment Limit for admissions. This means the major has more competitive admission requirements such as a higher GPA, higher test score, and/or additional course work as well as limits on the number of students and are limited as to how many applicants they take in a semester.

It is possible for Biomedical Sciences to reach its enrollment limit prior to the application deadline, so early application is strongly encouraged. After the enrollment limit is reached, admitted students who meet the more competitive entrance requirements can request to be placed on a waitlist to be considered for Biomedical Sciences if additional space becomes available. Details about the waitlist process are emailed to eligible students within the first week after the decision has been rendered.

There are three concentrations within the Biomedical Sciences major and you will be required to choose one at time of application.

- 1) [Anatomy & Physiology](#)
- 2) [Environmental Public Health](#)
- 3) [Microbiology and Infectious Disease](#)

Due to the competitive nature of this major students are prompted to choose a second choice at the time of application. You can find other majors offered at CSU at: <https://admissions.colostate.edu/academic-programs/>.

Admission Requirements to the Institution and the College/School/Department

Students transferring from community college should refer to the published admissions standards at: <http://admissions.colostate.edu/competitive-majors/>

Transfer Students must have:

1. A cumulative GPA of 3.300 or higher (4.000 scale) **AND**
2. Grades of B or better in:
 - One semester of Biology/Lab (equivalent to LIFE 102: Attributes of Living Systems/Lab) **AND**
 - One semester of Chemistry/Lab (equivalent to CHEM 111/112: General Chemistry I/Lab)

Transfer Disputes

If disagreement regarding the transferability of credits for coursework or a degree occurs between a student and a receiving two-year or four-year institution, the Department will facilitate an expeditious review and resolution of the matter pursuant to Commission Policy, Section I, Part T: Student Complaint Policy. For more information, contact the Department at 303-866-2723 or file a complaint at <http://higher.ed.colorado.gov/Academics/Complaints/default.html>