



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

Computer Information Systems (Data Analytics Emphasis)

Contact for Computer Information Systems Department: 719-549-2142
<https://www.csupueblo.edu/computer-information-systems/>

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. 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.

Please note that this curriculum neither fulfills the gtPathways general education curriculum nor the associate degree requirements at the community college.

Required General Education Courses Applicable to the Major (36 credits)				CSU-Pueblo Course & Credits
	Credit Hours	Community College (CCCS) Course No.	Course Title and gtPathways Category	
Written Communication	6	ENG 121 ENG 122	English Composition I (GT-CO1) English Composition II (GT-CO2)	ENG 101, 3 credits ENG 102, 3 credits
Oral Communication	3	COM 115	Public Speaking	COMR 103, 3 credits
Art & Humanities	6		Any gtPathways Arts & Humanities course from one of the following AH categories: GT-AH1, GT-AH2, GT-AH3, or GT-AH4	6 credits
Social & Behavioral Science	6	ECO 201 ECO 202	Principles of Macroeconomics Principles of Microeconomics	ECON 201, 3 credits ECON 202, 3 credits
History	3		Any gtPathways Historical Perspectives courses from the GT-HI1 category	3 credits
Mathematics	4	MAT 121	College Algebra	MATH 121, 4 credits



Natural & Physical Sciences	8		Two gtPathways Science courses (GT-SC1)	8 credits
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Additional Required Courses		(24 credits)		
Computer Information Systems	3	CIS 118	Introduction to PC Applications	CIS 100, 1 credit CIS 103, 1 credit CIS 104, 1 credit
Computer Information Systems	3	CIS 115	Introduction to Computer Information Systems	CIS 150, 3 credits
Computer Information Systems	3	CIS 268	System Analysis & Design	CIS 240, 3 credits
Computer Science	4	CSC 160	Computer Science I (JAVA)	CIS 171, 4 credits
Computer Science	4	CSC 161	Computer Science II (JAVA)	CIS 271, 4 credits
Computer Networking Tech	3	CIS 289	Local Area Networks	CIS 289, 3 credits
Math	4	MAT 125	Survey of Calculus	MATH 220, 4 credits

Admission Requirements to the Institution and the College/School/Department
Students transferring from community college should refer to the published admissions standards at: www.csupueblo.edu
For additional information you may contact the Office of the Registrar at: 719-549-2261

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://higherred.colorado.gov/Academics/Complaints/default.html>

The chart shown below illustrates the remaining requirements to complete the BS in Computer Information Systems 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.

Additional Major Core Course Requirements (20 credits)		
CIS 105	MS Access DBMS	1 credit
CIS 185	PC Architecture	3 credits
CIS 311	Introduction to Web Development	3 credits
CIS 315	Unix Operating System	3 credits
CIS 350	Data Base Systems	3 credits
CIS 432	Senior Professional Project	6 credits
CIS 493	Senior Seminar	1 credit
Data Analytics Emphasis Area Requirements (12 credits)		
CIS 365	Management Information Systems	3 credits
CIS 450	Advanced Data Analytics	3 credits
Upper Division Electives	Advisor Approved Upper Division electives	6 credits
Additional Quantitative Analysis Requirements (6 credits)		
BUSAD 265	Inferential Statistics and Problem Solving	3 credits
BUSAD 360	Advanced Business Statistics	3 credits

Additional Related Courses (22 credits)		
BUSAD 270	Business Communications	3 credits
MGMT 201	Principles of Management	3 credits
MGMT 368	Project Management	3 credits
Open Electives	Advisor Approved Open Elective	7 credits
Open Electives	Upper Division Advisor Approved Open Electives	6 credits
Total Transfer Credit Applied Toward B.S. Degree		60
Total Additional Credit Required for B.S. Degree		60
Total B.S. Degree Requirements		120