

Updated: 12/2020

### Colorado Community College to University of Denver Guided Pathway for B.S. Biochemistry

The purpose of this document is to assist students in planning a course of study at a Colorado Community College with the intent of transferring to a specified bachelor's degree program at the University of Denver. This document is subject to change based on policy and program updates.

Colorado Community College			University of Denver		
	Semester Hours	Community College Course Number and Title or gtPathways Category	Common Curriculum	Quarter Hours	Course Number
Written Communication	6	ENG 121: English Composition I ENG 122: English Composition II	Writing	9	WRIT 1122 WRIT 1133
Mathematics	5	MAT 201 : Calculus I	Analytical Inquiry-Natural	7.5	MATH 1951
Arts & Humanities	3	One gtPathways course (GT-AH1), (GT-AH2), (GT-AH3) below: ART 110, MUS 120, 121, 122, 123, 125; THE 111, 112, 143, 211, 212; HUM 103, 115, 121, 123 ; LIT 115, 201, 202, 220, 267 ; PHI 111, 112, 114, 115, 116, 214	Analytical Inquiry-Society & Culture	4.5	
History	3	Choose one: (GT-HI1) HIS 101, HIS 102, HIS 111, HIS 112, HIS 121, HIS 122	Analytical Inquiry-Society & Culture	4.5	HIST 1XXX
Social & Behavioral Sci	3	One Social & Behavioral Science course (GT-SS1), (GT-SS2), (GT-SS3) below: ECO 201, POS 105, POS 111, POS 125, POS 225 GEO 105, GEO 106, JOU 105, PSY 101, PSY 102, SOC 101, SOC 215, WST 200	Scientific Inquiry-Society & Culture	4.5	
Natural & Physical Sciences	5 5	CHE 111: General College Chemistry I CHE 112: General College Chemistry II	Scientific Inquiry-Natural and major requirement	15	CHEM 1010/1240 CHEM 1020/1250
Additional Required Courses					
Mathematics	5 4	MAT 202: Calculus II MAT 203: Calculus III	Major requirement	7.5 6	MATH 1953 MATH 2080
Physics	5 5	PHY 211: Physics Calculus-based I w/Lab PHY 212: Physics Calculus-based II w/Lab	Major requirement	7.5 7.5	PHYS 1211 PHYS 1213
Biological Sciences	5 5	BIO 111 Gen Coll Biology I w/Lab BIO 112 Gen Coll Biology II w/Lab	Major requirement	7.5 7.5	BIOL 1011/1021 BIOL 1010/1020
Foreign Language	1-5	Foreign Language 112 or higher		1.5-6	
Total	60-64			90-96	

Students who complete the prescribed curriculum in this transfer articulation agreement, pass all 60 or more credits with a C- or higher, and are admitted to the University of Denver's corresponding degree program are guaranteed the following:

1. Students will enter the University of Denver with junior standing if determined by eligible transfer credit. PLA credit of AP, IB, or other transferred credit must meet University of Denver eligibility.
2. The maximum credit that may be accepted from two-year institutions is 96 quarter hours.
3. Students will not have met the University of Denver's common curriculum requirements and are required to do so.
4. Students will have the same graduation requirements as students who begin and complete this degree program at the four-year institution.
5. Admission to a receiving institution does not guarantee enrollment in a specific degree program. Some programs at receiving institutions have controlled entry due either to space limitations or academic requirements.
6. The credit and course transfer guarantees described in this agreement apply to the specific degree programs covered by this document. If the student changes majors, receiving institutions will evaluate application of the courses designated in this agreement to other degree programs on a course-by-course basis.
7. Credit earned as pass/fail can be transferred only as elective credit. This credit does not apply to specific degree requirements other than total hours for graduation, and the University must determine that "P" (pass) equals 1.7 (C-) or better performance.
8. Online and distance courses are not categorically restricted, but may be refused based on instruction methodologies not equivalent to those at the University of Denver.
9. Lecture and laboratory portions of any science and math courses must not be taken in an online delivery format.
10. Students in this course map must complete CHEM 2131 & 2141 at University of Denver and are eligible to enroll in Physical Chemistry, CHEM 3610.