



Pikes Peak Community College/UNC Transfer Guide*

BS Biological Sciences: Cellular & Molecular Emphasis

2020-2021 Catalog

Degree Requirements – 120 credits

*Guide for students transferring to the University of Northern Colorado for the purpose of completing a bachelor's degree. Courses marked as **(*bold)** are UNC equivalent courses (if applicable) upon transfer to UNC. UNC Liberal Arts Core (LAC) is waived with completion of AA/AS degree (if an AA/AS degree is not completed, additional liberal arts courses may be required). This guide is based on degree and Colorado general education requirements from the above catalog term. **This plan is a recommended schedule and not reflective of every student's individual academic context. Students should consult with their advisor for course sequence guidance.**

PIKES PEAK COMMUNITY COLLEGE – 66 Credits			
YEAR 1 – FALL: 16 credits		YEAR 1 – SPRING: 18 credits	
BIO 111 Gen College Biol I w/Lab BIO 110 Biology: Atoms to Cells	5	BIO 112 Gen College Biol II w/Lab BIO 111 Biology: Organisms to Ecosystems	5
CHE 111 Gen College Chem I w/Lab CHEM 111/111L Principles of Chemistry I	5	CHE 112 Gen College Chem II w/Lab CHEM 112/112L Principles of Chemistry II	5
ENG 121 English Composition I ENG 122 College Composition	3	ENG 122 English Composition II ENG 123 Research Paper (sub for SCI 291)	3
Arts/Humanities Arts/Humanities	3	MAT 201 Calculus I MATH 131 Calculus I (sub for MATH 171)	5
YEAR 2 – FALL: 16 credits		YEAR 2 – SPRING: 16 credits	
CHE 211 Organic Chemistry I w/Lab CHEM 331/331L Organic Chemistry I	5	CHE 212 Organic Chemistry II w/Lab CHEM 332/332L Organic Chemistry II	5
PHY 111 Phys: Alg-Based I w/Lab PHYS 220 Intro to Physics I	5	PHY 112 Phys: Alg-Based II w/Lab PHYS 221 Intro to Physics II	5
Arts/Humanities Arts/Humanities	3	History History	3
Behavior/Social Behavior/Social	3	Behavior/Social Behavior/Social	3
UNIVERSITY OF NORTHERN COLORADO – 55 Credits			
YEAR 3 – FALL: 14 credits		YEAR 3 – SPRING: 15 credits	
BIO 210 Cell Biology	3	BIO 220 Genetics	4
STAT 250 Statistics for Life Sciences	3	BIO 351 Microbiology	4
Advanced Biology Elective ¹	4	Advanced Biology Elective ¹	3
CHEM381+L Biochem or CHEM481+L Biochem I ²	4	CHEM 482+L Biochem II ² or Advance Bio Elective ¹	4
YEAR 4 – FALL: 13 credits		YEAR 4 – SPRING: 13 credits	
BIO 425 Molecular Genetics	3	BIO 465 Evolution	3
BIO 450 Cell Physiology	3	BIO 442 Molecular and Cellular Laboratory	2

YEAR 4 – FALL (continued)		YEAR 4 – SPRING (continued)	
Advanced Biology Elective ¹	4	BIO 360 Ecology	4
Advanced Biology Elective ¹	3	Advanced Biology Elective ¹	3
		Capstone	1

This four-year plan is a recommended schedule to complete your bachelor's degree in 4 years. Every UNC student must meet the following requirements in order to graduate with a bachelor's degree: earn a minimum of 120 semester credit hours; possess a minimum of a 2.00 cumulative grade point average; meet all degree requirements in the student's major field of study. Each major and/or emphasis may have additional requirements necessary for graduation. **Students must consult with their major advisor to receive information on any additional graduation requirements.**

Program Admission Requirements –

No separate admission requirement

Minor Required –

No Minor Required

Contact Information –

School of Biological Sciences

Ross Hall, Room 2480, (970)351-2921

<http://www.unco.edu/nhs/biology>

Notes –

- 1.) Advanced Biology Electives - Must take 11-14 credits from BIO courses level 300 or higher that are not specifically listed as part of the major.
- 2.) If CHEM 481 is taken, CHEM 482 must also be taken for the major, If CHEM 381 is taken, the number of Advanced Biology Elective Credits required will be higher.