Community College of Aurora/UNC Transfer Guide*

BS Biological Sciences: Ecology & Evolution 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.

COMMUNITY COLLEGE OF AURORA – 64 Credits			
YEAR 1 – FALL: 16 credits		**YEAR 1 – SPRING: 16 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 135 Intro to Statistics **STAT 150 Intro To Stats (sub for STAT 250)**	3
YEAR 2 – FALL: 16 credits		**YEAR 2 – SPRING: 16 credits**	
CHE 211 Organic Chemistry I w/Lab **CHEM 331/331L Organic Chemistry I**	5	PHY 112 Phys: Alg-Based II w/Lab **PHYS 221 Intro to Physics II**	5
PHY 111 Phys: Alg-Based I w/Lab **PHYS 220 Intro to Physics I**	5	MAT 201 Calculus I **MATH 131 Calculus I (sub for MATH 171)**	5
History **History**	3	Arts/Humanities **Arts/Humanities**	3
Behavior/Social **Behavior/Social**	3	Behavior/Social **Behavior/Social**	3
UNIVERSITY OF NORTHERN COLORADO – 57 Credits			
YEAR 3 – FALL: 14-15 credits		**YEAR 3 – SPRING: 15-16 credits**	
BIO 210 Cell Biology	3	BIO 220 Genetics	4
BIO 360 Ecology	4	BIO 351 Microbiology	4
Animal/Plant/Supporting Course[1]	3-4	Animal/Plant/Supporting Course[1]	3-4
Advanced Biology Elective[2]	4	Advanced Biology Elective[2]	4
YEAR 4 – FALL: 15-17 credits		**YEAR 4 – SPRING: 13-15 credits**	
Physiology[3] or Advanced Biology Elective[2]	3-4	Physiology[3] or Advanced Biology Elective[2]	3-4
BIO 465 Evolution	3	Animal/Plant/Supporting Course[1]	3-4

YEAR 4 – FALL (continued)		YEAR 4 – SPRING (continued)	
Animal/Plant/Supporting Course[1]	3-4	Adv Biology Elective[2] or UW Electives	6
Advanced Biology Elective[2]	5-6	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.) Students will choose three supporting courses, at least one must have a lab (10-13 credits). See the Course Catalog for a list of approved supporting electives in the major.

2.) Advanced Biology Electives from BIO courses level 300 or higher that do not fulfill any other requirements. These will vary between 11-21 credits, depending on number of credits needed to reach a total of 95 major credits.

3.) Students may take one 4-credit physiology course or two 3-credit physiology courses. Options: BIO 350, 354, 450 and 466, or 552 and 553. If the BIO 450/466 or BIO 552/553 options are taken, the number of Advanced Biology Electives will be reduced by 2.