



Aims2UNC Curriculum Map*
**Biology A.S. / Biological Sciences B.S. – Ecology and
 Evolutionary Biology Concentration**
2024-2025 Catalog
Degree Requirements – 120 Credits

*Curriculum Map for students transitioning from Aims Community College to the University of Northern Colorado for the purpose of completing a bachelor’s degree. An AA/AS degree from Aims will result in a waiver of UNC’s Liberal Arts Curriculum (general education) and the transfer of at least 60 credits depending on course grades from Aims. Courses with grades below a C- will not transfer to UNC, which could result in a transfer of fewer than 60 credits. Please note that course offerings are subject to availability and Curriculum Maps are subject to change. Please see Aims2UNC advisor for appropriate sequence of Aims courses and further information.

AIMS COMMUNITY COLLEGE – 65 Credits			
YEAR 1 – FALL: 16 credits		YEAR 1 – SPRING: 17 credits	
ENG 1021 English Composition I (GT-CO1) ** (UNC Equivalent: ENG 122 College Composition)	3 credits	ENG 1022 English Composition II (GT-CO2) *ENG 123 College Research Paper (Sub for SCI 291)	3 credits
CHE 1111 Gen College Biology I w/Lab (GT-SC1) *CHEM 111/111L Principles of Chemistry I	5 credits	BIO 1112 Gen College Biology II w/Lab (GT-SC1) *BIO 111 Biology: Organisms to Ecosystems	5 credits
BIO 1111 General Biology I w/Lab (GT-SC1) *BIO 110 Biology: Atoms to Cells	5 credits	CHE 1112 Gen College Chemistry II w/Lab *CHEM 112/112L Principles of Chemistry II	5 credits
Arts & Humanities (GT-AH*)	3 credits	MAT 1340 College Algebra (GT-MA1) *MATH 124 College Algebra	4 credits
YEAR 2 – FALL: 16 credits		YEAR 2 – SPRING: 16 credits	
CHE 2111 Organic Chemistry I w/Lab *CHEM 331/331L Organic Chemistry I	5 credits	CHE 2112 Organic Chemistry II w/Lab *CHEM 332/332L Organic Chemistry II	5 credits
PHY 1111 Physics: Algebra-based I w/Lab (GT-SC1) *PHYS 220 Intro to Physics I	5 credits	PHY 1112 Physics: Algebra-based II w/Lab (GT-SC1) *PHYS 221 Intro to Physics II	5 credits
Arts & Humanities (GT-AH*)	3 credits	History (GT-HI1)	3 credits
Social & Behavioral Sciences (GT-SS*)	3 credits	Social & Behavioral Sciences (GT-SS*)	3 credits
UNIVERSITY OF NORTHERN COLORADO – 60-63 Credits			
YEAR 3 – FALL: 15-16 credits		YEAR 3 – SPRING: 17 credits	
BIO 210 Cell Biology	3 credits	BIO 220 Genetics	4 credits
BIO 360 Ecology	4 credits	BIO 351 Microbiology	4 credits
Plant Organismal Biology Course	3-4 credits	Supporting Course	6 credits
BIO 102 Success in Biology I	1 credit	Advanced Bio Elective 300 level or higher	3 credits
Supporting Course	4 credits		
YEAR 4 – FALL: 15-16 credits		YEAR 4 – SPRING: 13-14 credits	
MATH 171 Calculus I for Life Science	4 credits	Physiology Bio Course	3-4 credits
BIO 465 Evolution	4 credits	Advanced Bio Elective 300 level or higher	6 credits
Animal Organismal Biology Course	3-4 credits	STAT 250 Statistics for Life Sciences	3 credits
Advanced Bio Elective 300 level or higher	4 credits	Capstone	1 credit

**For a full listing of approved Guaranteed Transfer (GT) courses in these categories please refer to the [current catalog](#).

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 concentration may have additional requirements necessary for graduation. Students must consult with their major advisor to receive information on any additional graduation requirements. View the [UNC Undergraduate Catalog](#) for current degree requirements.

Contact Information –

Department: School of Biological Sciences

Website: www.unco.edu/nhs/biology

Phone: 970-351-2921

Program Admission Requirements –

Academic Good Standing.

For information about admission to the University of Northern Colorado, please visit <https://www.unco.edu/admissions/>.

Notes –

- 1.) See the course catalog for a list of Biomedical Electives and Professional Supporting Courses. Many professional schools (Medical, Dental, etc.) require certain courses from these categories. Consult an advisor to make sure you are taking course to match your career goals.
- 2.) Advanced Biology Electives – Must take 10-15 credits from BIO courses level 300 or higher that do not fulfill any other requirements. This can include a maximum of 3 credits total of BIO 422, 492, 493 and 494.