

SCIENCE (7-12) ENDORSEMENT

Code	Title	Credits
BIOL 1450	BIOLOGY I	5
BIOL 1750	BIOLOGY II	5
CHEM 1180 & CHEM 1184	GENERAL CHEMISTRY I and GENERAL CHEMISTRY I LABORATORY	4
CHEM 1190 & CHEM 1194	GENERAL CHEMISTRY II and GENERAL CHEMISTRY II LABORATORY	4
CHEM 2210 & CHEM 2214	FUNDAMENTALS OF ORGANIC CHEMISTRY and FUNDAMENTALS OF ORGANIC CHEMISTRY LABORATORY	5
PHYS 1110 & PHYS 1154	GENERAL PHYSICS I and GENERAL PHYSICS LABORATORY I	5
PHYS 1120 & PHYS 1164	GENERAL PHYSICS II and GENERAL PHYSICS LABORATORY II	5
PHYS 1350	PRINCIPLES OF ASTRONOMY	3
GEOL 1170	INTRODUCTION TO PHYSICAL GEOLOGY	4
GEOL 1100 & GEOL 1104	EARTH SYSTEM SCIENCE and EARTH SYSTEM SCIENCE LAB	4
MATH 1220	COLLEGE ALGEBRA	3
Total Credits		47

Candidates must have satisfactorily completed all required coursework prior to clinical practice.

A minimum grade of "C" must be earned in all certification requirements, endorsements, and concentrations. All grades of incomplete and any grades below "C" in these specific requirements must be removed prior to clinical practice. Candidates are responsible for contacting their advisor regarding said grades.

For courses in this major/ endorsement that require a grade of C or higher, CR/ NC is not permissible.

Candidates must have a minimum cumulative GPA of 2.75 or higher in order to be eligible for clinical practice.

Freshman

Fall	Credits	
ENGL 1150	ENGLISH COMPOSITION I	3
MATH 1300	COLLEGE ALGEBRA WITH SUPPORT	4
BIOL 1450	BIOLOGY I	5
Social Science		3
Attend Welcome Week events; other campus events		
Advising appointment for spring: Sept. - Oct.		
Note: ENGL 1150, ENGL 1160, CMST 1110 or 2120, and approved math (Quantitative Literacy) course should be taken and passed in the first academic year		
Consider taking MATH 1320:Pre-Calc Algebra instead of MATH 1220 College Algebra to satisfy pre-requisites of endorsement coursework		
Credits	15	

Spring

ENGL 1160	ENGLISH COMPOSITION II	3
CMST 1110	PUBLIC SPEAKING FUNDS	3
BIOL 1750	BIOLOGY II	5

MATH 1320	PRE-CALCULUS ALGEBRA	3
Advising appointment for fall: February - March		
Join a student organization		
Make a plan to take the Praxis Core		
MUST establish 2.5+ NU GPA (by the end of summer courses) in order to enroll in TED 2100 for fall semester		

Credits 14

Summer

Humanities and Fine Arts	3
Social Science	3

Credits 6

Sophomore

Fall

TED 2100	EDUCATIONAL FOUNDATIONS	3
CHEM 1180 & CHEM 1184	GENERAL CHEMISTRY I and GENERAL CHEMISTRY I LABORATORY	4
PHYS 1110 & PHYS 1154	GENERAL PHYSICS I and GENERAL PHYSICS LABORATORY I	5
Humanities and Fine Arts with Global Diversity	3	
Advising appointment for spring: Sept. - Oct.		
Identify professional organization to get involved with. Begin resume development.		

Credits 15

Spring

TED 2200	HUMAN RELATIONS FOR BIAS-FREE CLASSROOMS	3
PHYS 1120 & PHYS 1164	GENERAL PHYSICS II and GENERAL PHYSICS LABORATORY II	5
CHEM 1190 & CHEM 1194	GENERAL CHEMISTRY II and GENERAL CHEMISTRY II LABORATORY	4
Social Science	3	
Advising appointment for fall: February - March		
Apply to Educator Preparation Program for March 1 or June 1 deadline		

Credits 15

Junior

Fall

TED 2380	DEVELOPMENT AND LEARNING IN ADOLESCENCE	3
TED 2400	PLANNING FOR EFFECTIVE TEACHING	6
PHYS 1350	PRINCIPLES OF ASTRONOMY	3
GEOL 1170	INTRODUCTION TO PHYSICAL GEOLOGY	4
Advising appointment for spring: Sept. - Oct.		
MUST attempt PRAXIS Core by January 10th and have 2.75 minimum NU GPA to progress in Educator Preparation Program.		

Credits 16

Spring

TED 3550	SECONDARY CLASSROOM MANAGEMENT	3
TED 3690	LITERACY AND LEARNING	3
CHEM 2210 & CHEM 2214	FUNDAMENTALS OF ORGANIC CHEMISTRY and FUNDAMENTALS OF ORGANIC CHEMISTRY LABORATORY	5
Advising appointment for fall: February - March		

Credits 11

Summer

BIOL 3340	ECOLOGY	4
Credits		4

Senior**Fall**

TED 4000	SPECIAL METHODS IN THE CONTENT AREA	3
SPED 3800	DIFFERENTIATION AND INCLUSIVE PRACTICES	3
GEOL 1100 & GEOL 1104	EARTH SYSTEM SCIENCE and EARTH SYSTEM SCIENCE LAB	4
Humanities and Fine Arts		3
Take Praxis II- General Science: Content Knowledge #5435		
Advising appointment for spring: Sept. - Oct.		
Apply for clinical practice at beginning of fall term.		
Credits		13

Spring

Clinical Practice		12
Apply for graduation		
Credits		12
Total Credits		121

This roadmap is a suggested plan of study and does not replace meeting with an advisor. Please note that students may need to adjust the actual sequence of courses based on course availability. Please consult an advisor in your major program for further guidance.

This plan is not a contract and curriculum is subject to change

Additional Information About this Plan:

University Degree Requirements: The minimum number of hours for a UNO undergraduate degree is 120 credit hours. Please review the requirements for your specific program to determine all requirements for the program. In order to graduate on-time (four years for an undergraduate degree), you need to take 30 hours each year. Information in this document is based off of the 2023-2024 catalog.

Placement Exams: For Math, English, Foreign Language, a placement exam may be required. More information on these exams can be found at <https://www.unomaha.edu/enrollment-management/testing-center/placement-exams/information.php>

**Transfer credit or placement exam scores may change suggested plan of study

GPA Requirements: Cumulative 2.5 GPA for Educator Preparation Program initial acceptance, cumulative 2.75 GPA for formal admission and graduation.

Graduation Requirements: Students must have a cumulative GPA of at least 2.75, no grade lower than "C" in required courses, and no incomplete in required courses to be recommended for graduation.