I. ACHIEVEMENT CENTERED EDUCATION (ACE) (27 hrs)
All UNL students are required to complete a minimum of 3 hours of approved course work in each of the 10 designated ACE areas.

ACE #1 Written Texts Incorporating Research & Knowledge Skills
ENGL 150, 151, or 254 (3 hrs)

ACE #2 Communication Skills
COMM 109, 209, 210, or 286 (3 hrs)

ACE #3 Mathematical, Computational, Statistical, or Formal Reasoning Skills
MATH 106, STAT 218 or EDPS 459 (3 hrs)

ACE #4 Study of Scientific Methods & Knowledge of Natural & Physical World
LIFE 120/120L (4 hrs) √√√√√

ACE #5 Study of Humanities
(Any) (3 hrs)

ACE #6 Study of Social Sciences
EDPS 251 (3 hrs) √√√√√

ACE #7 Study of the Arts to Understand Their Context & Significance
(Any) (3 hrs)

ACE #8 Ethical Principles, Civics, Stewardship & Their Importance to Society
TEAC 331 (3 hrs) √√√√√

ACE #9 Global Awareness, Knowledge of Human Diversity through Analysis
of an Issue
TEAC 330 (3 hrs) √√√√√

ACE #10 Integration of Abilities, Capacities in a Creative or Scholarly Product
TEAC 403B (3 hrs) √√√√√

Additional ACE course work
Select 4 additional courses from ACE Outcomes 1-10

CHEM 109 (4 hrs) √√√√√
CHEM 110 (4 hrs) √√√√√
GEOL 101 (4 hrs) √√√√√
EDPS 457 (3 hrs) √√√√√

II. PRE PROFESSIONAL EDUCATION (13 hrs)
No grade lower than “C”
All courses must be for a grade (not Pass/No Pass) with the exception of EDPS 297.
TEAC 331 & EDPS 251 must average a 2.5 GPA

TEAC 331 School and Society (3 hrs)
EDPS 251 Adolescent Development for Ed (3 hrs)
EDPS 297 Practicum (take with EDPS 251) (1 hr)
TEAC 330 Multicultural Ed (3 hrs)
TEAC 259 Instructional Technology (3 hrs)

III. ENDORSEMENT (42-43 hrs)
No grade lower than “C”
Students must complete a minimum of 24 hours in chemistry from the following list plus a minimum of 4 hours each in biology, physics, and earth & space science.

CHEM 109 General Chemistry I (4 hrs)
CHEM 110 General Chemistry II (4 hrs)
CHEM 221 Elementary Quantitative Analysis (4 hrs)

Select one of the following: (4 hrs)
CHEM 251/253 Organic Chemistry w/lab OR
CHEM 255/257 Biologic Organic Chemistry w/lab

CHEM 421/423 Analytical Chemistry w/lab (5 hrs)

Offered Spring semester only
(Prerequisite: Chem 471 or 481)

Select one of the following: (3-4 hrs)
CHEM 471 Physical Chemistry OR
(Prerequisite: Chem 221, Math 106)
CHEM 481 Physical Chemistry I OR
(Prerequisite: Chem 221, Math 208, Phys 212)
CHEM 131 Science of Food

LIFE 120/120L Fundamentals of Biology I w/lab (4 hrs)

GEOL 101 Physical Geology (4 hrs)

Select one of the following sequences: (10 hrs)
A. Non-calculus based physics OR
PHYS 141 Elementary General Physics I (5 hrs)
PHYS 142 Elementary General Physics II (5 hrs)
B. Calculus based physics
PHYS 211/221 General Physics I (5 hrs)
PHYS 212/222 General Physics II (5 hrs)

Acceptance into the Science Teacher Education Program is required before enrollment in the Professional Education courses. 80% of the endorsement courses must be completed prior to enrolling in TEAC 451V. The professional education sequence begins spring semester, continues in the fall semester, and is followed by a semester of student teaching.

Professional Education Courses (27 hrs)
All grades must be a minimum of “C+” or above

Methods
TEAC 451V Teaching Principles (3 hrs)
TEAC 452V Curriculum Principles (3 hrs)
TEAC 397V Practicum (3 hrs)
EDPS 457 Learning and Motivation (3 hrs)
SPED 401B Mainstreaming (3 hrs)

Student Teaching
TEAC 497V Student Teaching (9 hrs)
TEAC 403B Student Teaching Seminar (ACE 10) (3 hrs)

Electives (0-11 hrs)