

NAME: _____

ID#: _____

Bulletin year: _____

Math Education 6-12 Effective 2019-2020 academic year

could be taken for credit towards an International Studies minor

I. ACHIEVEMENT CENTERED EDUCATION (ACE)

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*
TEAC 259 (3 hrs) ✓✓✓✓✓

ACE #3 *Mathematical, Computational, Statistical, or Formal Reasoning Skills*
MATH 106 (3 hrs) _____

ACE #4 *Study of Scientific Methods & Knowledge of Natural & Physical World*
(Any) (3 hrs) _____

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

ACE #6 *Study of Social Sciences*
EDPS 251, 457 (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) ✓✓✓✓✓

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 EPDS 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) _____

Electives (to meet 120 hour requirement for graduation)

Recommended:

MATH 325 Elementary Analysis _____ (3 hrs) _____

CSCE 101/101L _____ (4 hrs) _____

Computer Science _____ (3 hrs) _____

_____ (3 hrs) _____

_____ (3 hrs) _____

III. ENDORSEMENT

*Taken after being admitted to the Teacher Education Program
No grade lower than "C"

MATH 106 Calculus I _____ (5 hrs) _____
Pre-requisite: Placement Exam

MATH 107 Calculus II _____ (4 hrs) _____
Pre-requisite: Math 106

MATH 208 Calculus III _____ (4 hrs) _____
Pre-requisite: Math 107

MATH 221 Differential Equations _____ (3 hrs) _____

MATH 310 Introduction to Modern Algebra _____ (3 hrs) _____

MATH 314 Applied Linear Algebra (Matrix Theory) _____ (3 hrs) _____

MATH 350 Concepts in Geometry _____ (3 hrs) _____
Pre-requisite: Math 310

MATH 405 Discrete Mathematics _____ (3 hrs) _____

STAT 380 Statistics & Applications _____ (3 hrs) _____

*MATH 407 Mathematics for High School Teachers I _____ (3 hrs) _____

*MATH 408 Mathematics for High School Teachers II **OR**

*MATH 409 Mathematics for High School Teachers II _____ (3 hrs) _____

Acceptance into the Math Teacher Education Program is required before enrollment in the Professional Education courses. 75% of the endorsement courses must be completed prior to enrolling in TEAC 451P. The professional education sequence begins spring semester, continues in the fall semester, and is followed by a semester of student teaching.

Professional Education Courses

All grades must be a minimum of "C+" or above.

Methods

TEAC 397P Practicum _____ (3 hrs) _____

#TEAC 413M ELL Content Area _____ (3 hrs) _____

TEAC 451P Teaching Principles _____ (3 hrs) _____

TEAC 452P Curriculum Principles _____ (3 hrs) _____

SPED 401B Mainstreaming _____ (3 hrs) _____

Student Teaching

TEAC 497P Student Teaching _____ (9 hrs) _____

TEAC 403B Student Teaching Seminar (ACE 10) _____ (3 hrs) _____