Program: Mathematics Education  
Major: Mathematics Education  
Degree: Bachelor of Science in Education (B.S.Ed.)  
Dept: Mathematics and Statistics  
College: Mathematics and Science  
Major Code: 6180

University Core (Total Listed 42-44)

Minimum Required Hours

Support and Prerequisite Courses

Support Courses

MCOM 1113 Fundamentals of Speech
ENG 1113 English Composition
ENG 1213 English Composition and Research

Prerequisite Courses

*MATH 1533 Precalculus-Algebra OR
  MATH 1513 College Algebra OR Placement Score AND
*MATH 1593 Plane Trigonometry OR Placement Score

*A grade of ‘C’ or better is required for either MATH 1513 or MATH 1533 and MATH 1593 to take MATH 2313.

American Historical and Political Analysis ....................... 6
American National Government ........................................ 3
American History ......................................................... 3
Cultural and Language Analysis ....................................... 3-4
Second Language ......................................................... 4
OR
Cultural Analysis ........................................................ 3
Social and Behavioral Analysis .......................................... 3
Life Skills ........................................................................ 5
Required Health Course ................................................... 2
Elective Life Skills .......................................................... 3

Support and Prerequisite Courses

Minimum Required Hours

Professional Education .................................................... 32

PTE 1010 Introduction to Teacher Education
PTE 3023 Foundations of American Education/Clinical Exp
PTE 3153 Adolescent Psychology
SPED 4123 Teaching Individuals with Disabilities
MATH 3323 Teaching Middle School Math
&MATH 4843 Teaching Secondary Mathematics
^PTE 4172 Educational Assessment
^PTE 4533 Contemporary Learning Sciences
^PTE 4811 Contemporary Issues
^PTE 4838 Internship/Student Teaching Secondary
^PTE 4853 Classroom Management & Instruction

^ Admission to Teacher Education required
#To be taken the same semester

Electives to bring total to ................................................. 124

It is strongly recommended PHY 1114 General Physics I and Lab be taken in the general education core. Students planning to do graduate work should take MATH 3183, Introduction to Modern Algebra and MATH 4143, Introduction to Analysis 1.

Minimum Graduation Requirements

1. Overall GPA in all college course work ...................... 2.50
2. Average in course work at UCO .................................. 2.00
3. Courses in English Composition, Fundamentals of Speech, Professional Education, and area of specialization (major)........ “C”
4. Proficiency in foreign language .................. Novice 4 level