

Transfer Agreement
Rose State College: A.S.-Mathematics – Education Emphasis
University of Central Oklahoma: B.S.in Education–Mathematics Education

To comply with this agreement, students must complete the associate’s degree with the major listed above and include the specific courses listed below.

Courses listed here are required for the agreement. Credited courses completed as part of the A.A. or A.S. that do not apply to the general education at RSC or the UCO major transfer to UCO as electives.

RSC	UCO
General Education requirements	University Core completed with A.A or A.S.
MATH 2103 Discrete Math	MATH 2123 Survey of Discrete for Math Ed.
MATH 1914 Differential and Integral Calculus I and	MATH 2313 Calculus 1 and
MATH 2924 Differential and Integral Calculus II and	MATH 2323 Calculus 2 and
MATH 2934 Differential and Integral Calculus III	MATH 2333 Calculus 3 and MATH 2343 Calculus 4
MATH 2083 Intro. to Statistics for Engineering and Science	STAT 2113 Statistical Methods
MATH 2973 Intro to Ordinary Differential Equations	MATH 3103 Differential Equations

This degree requires additional course work as stated in the RSC Catalog. Other Rose State courses may or may not apply to the UCO major. That specific information can be found on the UCO website under Transfer Students, Online Transfer Guides.

Exceeding 64 credit hours at the community college means the student will be required to take more than the minimum of 124 credit hour total. A minimum of 40 hours of 3/4000 level courses is required for the baccalaureate. Courses from community colleges are 1/2000 level.

Total at Rose State College.....60-64

To be taken at the University of Central Oklahoma.....60-64

Major Requirements

Mathematics Education.....20-21

Required courses 18

- MATH 2743 Technology and Mathematics Education
- MATH 3113 Foundations of Advanced Mathematics
- MATH 3123 College Geometry
- MATH 3143 Linear Algebra
- MATH 3163 Elementary Number Theory **OR**
- MATH 3183 Introduction to Modern Algebra
- MATH 4483 History of Mathematics

Mathematics Electives2-3

Select at least two of the following:

- MATH 2023 Foundations of Geometry and Measurement
- MATH 3163 Elementary Number Theory
- MATH 3183 Introduction to Modern Algebra
- MATH 4143 Introduction to Analysis 1

MATH 4960 Institute in Mathematics (2 hours)
STAT 4113 Mathematical Statistics I

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 I.

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

Students must meet all bachelor degree requirements at UCO to include minimums of:
40 hours of upper division coursework
30 hours in residence at UCO
15 of the last 30 hours must be taken in residence at UCO
60 hours from baccalaureate granting institutions

Additional degree requirements can be found in the UCO Undergraduate Catalog.

Program-to-Program Transfer policies are available in the Introduction for Program-to-Program Agreements on the UCO website at the top of the list of agreements. Links to the agreements can be found on the Academic Affairs or Transfer Student Support web pages.