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 2853 Intro. to Statistics for Engineering and Science	STAT 2113 Statistical Methods
MATH 2173 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 Electives …………………………………………………………………2-3
    Select at least two of the following:

At least nine (9) hours must be selected from the following:

MATH	3103	Differential Equations (May be taken at RSC.)
MATH	3163	Elementary Number Theory
MATH	4153	Introduction to Analysis 2
MATH	4483	History of Mathematics
STAT	4123	Mathematical Statistics 2

All other elective courses must be selected from 3000 and 4000 level
MATH courses (including those MATH courses listed above).

Electives to bring total to 124

It is strongly recommended that PHY 1114 General Physics I and Lab be taken in the general education core.

Minimum Grade Requirements
1. Average in (a) all college course work, (b) course work at UCO, and (c) major courses....2.50
2. A minimum grade of "C" must be earned in all courses in the major to count toward meeting degree requirements.

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.