PROGRAM TRANSFER AGREEMENT

Eastern Oklahoma State College: A.S. Mathematics
and
Southeastern Oklahoma State University: B.S. in Mathematics
Major Code: 028

Eastern Oklahoma State College
ENGL 1113: Freshman Composition I #
ENGL 1213: Freshman Composition II #
SPCH 1113: Fundamentals of Speech # or
SPCH 2233: Business & Professional Speaking
POLSC 1113: American Federal Government #
HIST 1483: American History to 1877 # or
HIST 1493: American History since 1877
Life Science (4) #
Physical Science (4) #
MATH 1513 College Algebra #

Take two of the following courses: PSY 1113, SOC 1113, GEOG 2723, ECON 2113, ECON 2123 (6) ##

CIS 1113: Computer Applications
OLS 1111 Orientation
Humanities: (6 credit hours) #

CORE: Select from the following courses with advisor approval: 16 credit hours
MATH 1613: Trigonometry
MATH 2233: Elementary Statistics
MATH 2235: Calculus I
MATH 2245: Calculus II
MATH 2253: Differential Equations
MATH 2263: College Geometry
MATH 2343: Calculus III

SUPPORTING ELECTIVES: Select from the following courses with advisor approval: 8 credit hours
CHEM 1315: General College Chemistry I
CHEM 1415: General College Chemistry II
PHY 1114: General Physics I
PHY 1214: General Physics II
PHY 2014: Engineering Physics I
PHY 2114: Engineering Physics II

SEOSU Requirement
ENG 1113: Composition I
ENG 1213: Composition II
COMM 1233: Interpersonal Communication or
COMM 2213: Business & Professional speaking
POSC 1513: U.S. Federal Government
HIST 1513: U.S. History to 1876 or
HIST 1523: U.S. History since 1876
Biological Science
Physical Science
MATH 1513: College Algebra

CIS 1003: Computers in Society
Elective
Humanities: (6 credit hours)
Total hours at EOSC .........................................................................................................................66
(To include additional course work required for the A.S. as stated in the EOSC catalog.)

Remaining Southeastern Oklahoma State University courses ..............................................60

Total hours to complete degree ....................................................................................................126

** EOSC A.S. degree completes SE university requirements.

** Required SE Courses

Mathematics ........................................................................................................................................32
MATH 2003: Technology for Mathematics or computer programming course
MATH 3283: Foundations of Mathematics #
MATH 4133: Linear Algebra #
MATH 4233: Abstract Algebra I #
MATH 4113: Real Analysis #
MATH 4982: Senior Seminar
One of the following:
   STAT 3363: Probability Theory #
   STAT 4353: Mathematical Statistics #
One of the following:
   MATH 3113: Multivariate Calculus #
   MATH 3213: Differential Equations #
One of the following:
   MATH 4333: Abstract Algebra II #
   MATH 4213: Complex Variables #
   STAT 4463: Probability II #
Upper-division Math or Statistics (6 hours)

Minor ................................................................................................................................................... 18-24

Electives as needed to bring total hours to 126 with at least 55 hours of liberal arts (#) and 40 hours of upper-division (3000-4000) courses.

NOTE: The major program is just one component of a baccalaureate degree. For other degree requirements see pages 56-60 of the Southeastern catalog.