PROGRAM TRANSFER AGREEMENT

Eastern Oklahoma State College: A.S. Mathematics
and
Southeastern Oklahoma State University: B.S. in Mathematics Education
Major Code: 029

**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)***

**SEOSU Requirement**
- ENG 1113: Composition I
- ENG 1213: Composition II
- COMM 1233: Interpersonal Communication or
  COMM 2213: Business & Professional speaking
- PO 1113: American 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 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

- 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 ........................................ 68

Total hours to complete degree ................................................................................. 134

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

Required SE Courses

Mathematics .................................................................................................................... 32
  MATH 2113: Analytic Geometry
  MATH 2003: Technology for Mathematics
  MATH 3283: Foundations of Mathematics #
  MATH 3323: College Geometry #
  MATH 4133: Linear Algebra #
  MATH 4233: Abstract Algebra I #
  MATH 4653: History of Mathematics #
  MATH 4982: Senior Seminar
  One of the following:
    MATH 4113: Real Analysis #
    MATH 4213: Complex Variables #
    MATH 4223: Point Set Topology #
  One of the following:
    STAT 3363: Probability Theory #
    STAT 4353: Mathematical Statistics #
  Upper-division Math or Statistics (3 hours)

Professional Education ............................................................................................... 33
  EDUC 2000: Pre Student Teaching Experience I
  EDUC 2013: Foundations of Education
  SPED 2123: Intro to Individuals with Exceptionalities
  PSY 3123: Child & Adolescent Psychology #
  EDUC 3313: Technology Integration for the Classroom
  EDUC 3002: Pre Student Teaching Experience II
  EDUC 3434: Teaching Strategies/Progress Monitoring
  EDUC 4443: Classroom Behavior Management
  EDUC 4000: Pre Student Teaching Experience
  MATH 4903: Methods and Media in Secondary Math
  EDUC 4919: Teaching Experiences

Remaining General Education Course .......................................................................... 3
  Foreign Language (3) #
Electives as needed to bring total hours to 134 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.