



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.