Mathematics
Program Transfer Agreement

Carl Albert State College: A.S. in Mathematics, Physical Science & Pre-Engineering
and
Southeastern Oklahoma State University: B.S.in Mathematics
Major Code: 028

Carl Albert State College

- ENGL 1113: Freshman Composition I #
- ENGL 1213: Freshman Composition II #
- MATH 1513: College Algebra #
- Health, Physical Education & Recreation (2 hours)#
- HIST 1483 or 1493: American History #
- POS 1113: American Federal Government #
- ZOO 1114: General Zoology #
- ORI 1111: Freshmen Orientation #
- Humanities (6 credit hours) #
- CS 1103: Microcomputer Applications
- CHEM 1115: General Chemistry I #
- CHEM 1215: General Chemistry II #
- MATH 1613: Plane Trigonometry #
- MATH 2265: Analytic Geometry & Calculus I #
- MATH 2275: Analytic Geometry & Calculus II #
- PHYS 1114 or PHYS 2014: General Physics I #
- PHYS 1214 or PHYS 2114: General Physics II #
- Approved Elective (3 hours) #
  Select any course in psychology, social sciences, foreign languages and fine arts (art, music, drama) with advisor

SEOSU Requirement

- ENG 1113: Composition I
- ENG 1213: Composition II
- MATH 1513: College Algebra
- Elective
- HIST 1513 or 1523: United States History
- POSC 1513: American Federal Government
- ZOOL 2114: General Zoology #
- Elective
- Humanities (6 credit hours)
- CIS 1003: Computers in Society
- CHEM 1315: General Chemistry I
- CHEM 1415: General Chemistry II
- MATH 1613: Trigonometry
- MATH 2215: Calculus I
- MATH 2315: Calculus II
- PHYS 1114: General Physics I
- PHYS 1214: General Physics II
- Elective

Total: .................................................................................................................................65
(To include additional coursework required for the A.S. as stated in the CASC catalog.)

Remaining Southeastern Oklahoma State University courses (minimum): .....................60

Total hours to complete degree (minimum): .................................................................125

**CASC A.S. degree completes SE university core requirements.**
Required SE Courses

Mathematics

- 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

Electives as needed to bring total hours to 125 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 SE Academic Catalog.