Last updated: 3/19/2018

MATHEMATICS COURSE SEQUENCE CHART— EFFECTIVE FALL 2018

Math 115
Statway II
(4 units; D, CSU; UC)

Math 100
Mathematics for General Education
(3 units; D, CSU)

Math 110
Mathematics for Elementary School Teachers I
(4 units; D, CSU; UC)

Math 111
Mathematics for Elementary School Teachers II
(4 units; D, CSU; UC)

Math 112
Children's Mathematical Thinking
(1 unit; D, CSU)

Math 57
Statway I
(4 units)

Liberal Studies and Other Non-Science Majors

Math 60
Intermediate Algebra I
(4 units)

Math 35
Pre-algebra
(4 units)

Math 45
Elementary Algebra
(4 units)

Math 48
Developmental Mathematics
(3 units)
Accelerated course; combines Math 35 and Math 45 material. Recommended only for student with previous Algebra background.

Math 72
Intermediate Algebra I & II (STEM/Business Majors)
(6 units)

Math 62
Int. Algebra II (STEM/Bus Majors)
(2 unit bridge course)

Business, Computer Science, Science, Engineering and Math Majors

Note to Business Majors: *UCSD may require calculus sequences (Math 121-122 or Math 250-251-252). Consult a Counselor*

Math 101
College Algebra
(3 units; D, CSU, UC)

Math 104
Trigonometry
(3 units; D, CSU, UC)

Math 244
Pre-Calculus with Trigonometry
(6 units; D, CSU, UC)

Math 130
Introduction to Computer Programming
(3 units; D, CSU, UC)

Math 121
Applied Calculus I
(3 units; D, CSU, UC)

Math 120
Calculus for Business Analysis
(4 units; D, CSU, UC)

Math 119
Elementary Statistics
(4 units; D, CSU, UC)

Math 250
Analytic Geometry and Calculus I
(5 units; D, CSU, UC)

Math 140
Data Structures and Algorithms
(3 units; D, CSU, UC)

Math 230
Computer Organization and Architecture
(3 units; D, CSU, UC)

Math 122
Applied Calculus II
(3 units; D, CSU, UC)

Math 251
Analytic Geometry and Calculus II
(4 units; D, CSU, UC)

Math 265
Discrete Structures
(pre-req.: Math 122 OR 251; and Math 130)
(3 units; D, CSU, UC)

Math 252
Analytic Geometry & Calculus III
(4 units D, CSU, UC)

Math 254
Intro to Linear Algebra
(3 units D, CSU, UC)

Math 253
Intro to Differential Equations
(3 units D, CSU, UC)

Math 260
Discrete Math
(pre-req: Math 122 or 251)
(3 units; D, CSU, UC)

These courses may be taken in any order after completion of Math 251; however, students are advised to complete Math 252 and Math 254 before enrolling in Math 253

SOUTHWESTERN COLLEGE