## COURSE MAPS

## MATH COURSE SEQUENCE

The image below shows Mathematics Course Sequence.

## MATHEMATICS COURSE SEQUENCE

Course sequences shown here are for general reference. Your starting point depends on your math placement results and your education plan. Before you enroll in a math class, see the SMC Success and Engagement Center website (smc.edu/successcenter), visit the Math Department (smc.edu/math), see assist.org, or talk to a counselor in the Counseling Department.

**Higher Level** These courses may be taken in any **MATH 10 MATH 11 MATH 13 MATH 15** order, but students are advised to complete MATH 11 and MATH 15 Multivariable Calculus Ordinary Differential Discrete Structures Linear Algebra before enrolling in MATH 13. Equations (3 units) (3 units) (5 units) (3 units) College Level **MATH 29** MATH 8 Calculus 2 for Business Calculus 2 (5 units) and Social Science (3 units) MATH 7 **MATH 54** Calculus 1 (5 units) Elementary Statistics **MATH 28** (4 units) Calculus 1 for Business With MATH 54C and Social Science concurrent support (5 units) (6 units) OR **MATH 26** Functions and MATH 4 **MATH 3** MATH 2 **MATH 21** Modeling for Business College Algebra for Trigonometry with Pre-Calculus Finite Mathematics and Social Science **MATH 41** STEM Majors (4 units) Applications (3 units) (5 units) (3 units) (3 units) With MATH 4C With MATH 3C With MATH 2C With MATH 21C With MATH 26C Mathematics for concurrent support concurrent support concurrent support concurrent support concurrent support **Elementary Teachers** (5 units) (4 units) (7 units) (4 units) (5 units) (3 units) Business, STEM majors, including computer science, engineering, Liberal arts or **Elementary school** economics, or other mathematics, one of the physical/natural/life sciences, or social sciences teacher other majors that REQUIRE trigonometry-based calculus majors that do NOT maiors need trigonometrybased calculus\*

## YOUR TRANSFER SCHOOL'S REQUIREMENTS MAY VARY

For details, see assist.org or talk to a counselor in the Counseling Department.

Business, economics, or other majors that do NOT need trigonometry-based calculus  $^{\star}$ :

MATH 26, 26C, 28, 29.

\*MATH 7 and 8 generally required for UC.

STEM majors, including computer science, engineering, mathematics, one of the physical/natural/life sciences, or other majors that REQUIRE trigonometry-based calculus:

MATH 2, 2C (or 3, 3C & 4, 4C), 7, 8, 11, 15, 13, and possibly 10.

Liberal arts or social sciences majors:

MATH 54, 54C or 21, 21C.

Elementary school teacher: MATH 41 (only fulfills CSU mathematics requirement for liberal arts majors).