

MATHEMATICS

The starting point in this Math Course Sequence Chart depends on your Math Assessment results as well as your future goals.

For these reasons, it is wise to prepare before taking the Math Assessment and to review the information about Math courses and Math sequences before registering for your first math class. Information about Math Assessment and practice test materials are available at the SMC Assessment website, www.smc.edu/assessment. Information about math courses and sequences are available at the SMC Mathematics Department website, www.smc.edu/math.

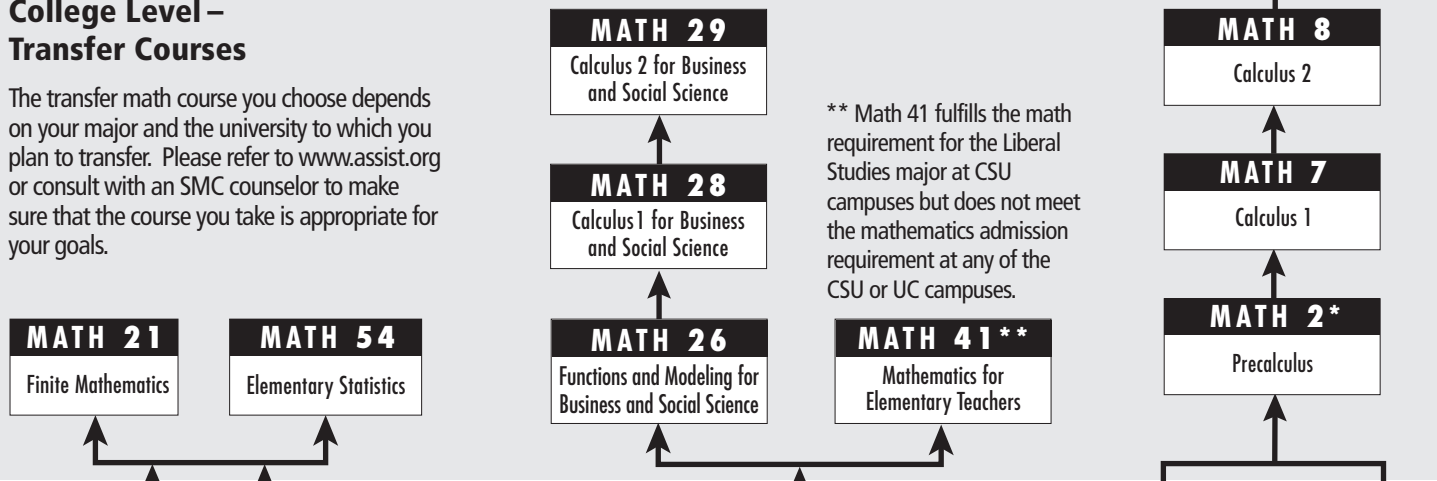
3 Higher Level Mathematics Courses

Although these courses may be taken in any order after completion of Math 8, students are advised to complete Math 11 and Math 15 before enrolling in Math 13.



2 College Level – Transfer Courses

The transfer math course you choose depends on your major and the university to which you plan to transfer. Please refer to www.assist.org or consult with an SMC counselor to make sure that the course you take is appropriate for your goals.

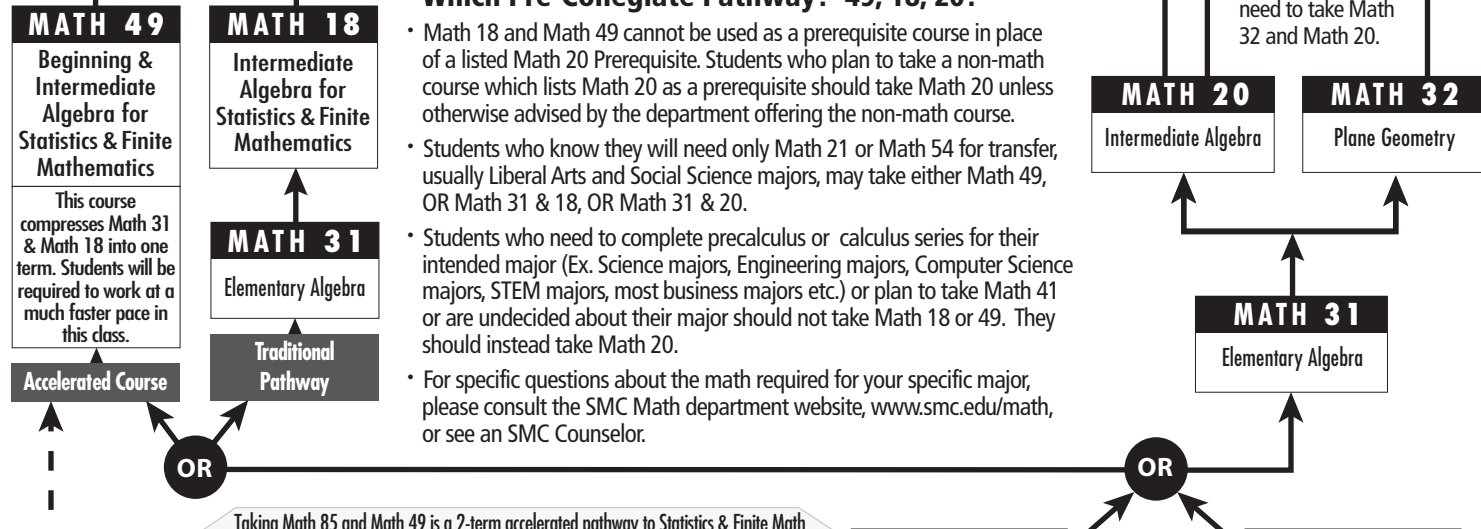


** Math 41 fulfills the math requirement for the Liberal Studies major at CSU campuses but does not meet the mathematics admission requirement at any of the CSU or UC campuses.

* To take Math 2, Precalculus, you need to take Math 32 and Math 20.

Which Pre-Collegiate Pathway? 49, 18, 20?

- Math 18 and Math 49 cannot be used as a prerequisite course in place of a listed Math 20 Prerequisite. Students who plan to take a non-math course which lists Math 20 as a prerequisite should take Math 20 unless otherwise advised by the department offering the non-math course.
- Students who know they will need only Math 21 or Math 54 for transfer, usually Liberal Arts and Social Science majors, may take either Math 49, OR Math 31 & 18, OR Math 31 & 20.
- Students who need to complete precalculus or calculus series for their intended major (Ex. Science majors, Engineering majors, Computer Science majors, STEM majors, most business majors etc.) or plan to take Math 41 or are undecided about their major should not take Math 18 or 49. They should instead take Math 20.
- For specific questions about the math required for your specific major, please consult the SMC Math department website, www.smc.edu/math, or see an SMC Counselor.



Taking Math 85 and Math 49 is a 2-term accelerated pathway to Statistics & Finite Math

1 Pre-College Level

Math 81, 84, 85, 31, 32, 18, 20 and 49 will not transfer to the UC and CSU systems, but these courses are prerequisites for college level math courses and some courses in other departments.

For an Associate degree, SMC requires the successful (with a grade of C or better) completion of Math 18, 20, 49, or 32 (if taken Fall 2006 or later) or a passing score on the SMC Math Proficiency Assessment plus successful completion of one additional designated non-math course.

