

<b>Mathematics Placement</b> If these requirements are met:	✓ indicates the math courses students may take based on the requirements in the left column. Select a course that best fits their major, individual needs and interests.												
	090A	105	110	134	099	127L	227	142	143	210	229	234	
QAS < 250	✓	✓											
AR ≥ 57 or AR + EA ≥ 100 or 250 ≤ QAS < 255	✓	✓	✓ With Coreq MATH110C										
ACT Math ≥ 19 or EA ≥ 76 or QAS ≥ 255 or 234 ≤ AAF ≤ 249	✓	✓	✓	✓	✓								
ACT Math ≥ 22 or SAT ≥ 530 or ACT Math 20 - 21 and HS GPA ≥ 2.7 or IA ≥ 60 or AAF ≥ 250	✓	✓	✓	✓	✓	✓							
ACT Math ≥ 23 or or IA ≥ 60 or AAF ≥ 255	✓	✓	✓	✓	✓	✓	✓						
ACT Math ≥ 24 or CLM ≥ 50 or AAF ≥ 255	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
* MCA ≥ 1146	✓	✓		✓									
* MCA ≥ 1158 or ** HS GPA ≥ 2.8	✓	✓				✓							

Two sets of AccuPlacer placement scores are available:

- Classic AccuPlacer: Arithmetic (AR), Elementary Algebra (EA), Intermediate Algebra (IA), College Mathematics (CLM)
- Next Generation AccuPlacer (NGA): Arithmetic (NAR), Quantitative Reasoning, Algebra, Statistics (QAS), Advanced Algebra and Functions (AAF)

ACT Math and SAT Math Scores Comparison: ACT 19 = SAT 510 ; ACT 20= SAT 520; ACT 21 = SAT 530, ACT 22 = SAT 540 ; ACT 23 = SAT 560 ; ACT 24 = SAT 580.

ACT, MCA and SAT scores are valid for 5 years. AccuPlacer scores are valid for 2 years.

\* MCA, Minnesota Comprehensive Assessment, Mathematics score will be used for **only** MATH134, and MATH127 placement.

**\*\* HS GPA ≥ 2.8 is accepted for placement into MATH127L. It is strongly encouraged that an additional placement criterion be satisfied to ensure proper placement. This may include an ACT or AccuPlacer score, or successful completion of a high school Algebra II class (C or better). MATH127C will not be offered Spring 2024.**

**MATH 105**  
Contemporary Math  
(Liberal arts track)

**MATH090A**  
Elementary Algebra

**\*MATH 110**  
Intro. to Math  
(Education Track)

**MATH 134**  
Introduction to  
Statistics

**MATH 099**  
Intermediate  
Algebra

**\*\*Concurrent  
MATH 127 and  
MATH143**

**MATH 127L**  
College Algebra

**MATH 227**  
Survey of Differential  
Calculus with Algebra  
(127 and 229 combined)

**MATH 143**  
Trigonometry

**MATH 229**  
Topics in Calculus

**MATH 234**  
Intro. to Probability  
and Statistics

**MATH 261**  
Calculus I

**MATH 262**  
Calculus II

*This flowchart illustrates math paths through developmental and LASC IV mathematics courses.*

- \* For MATH110, a corequisite, MATH110C, is available which allows a student to complete a supplemental course that includes applicable developmental math topics, and MATH110 in the same semester.
- \*\* A student may enroll concurrently in MATH127 and MATH143 if they completed MATH099 with a grade of B- or better, or have ACT Math  $\geq 22$  or SAT  $\geq 530$  or IA  $\geq 60$  or AAF  $\geq 250$ .

Most courses have a minimum grade requirement to qualify as a prerequisite for the next course.