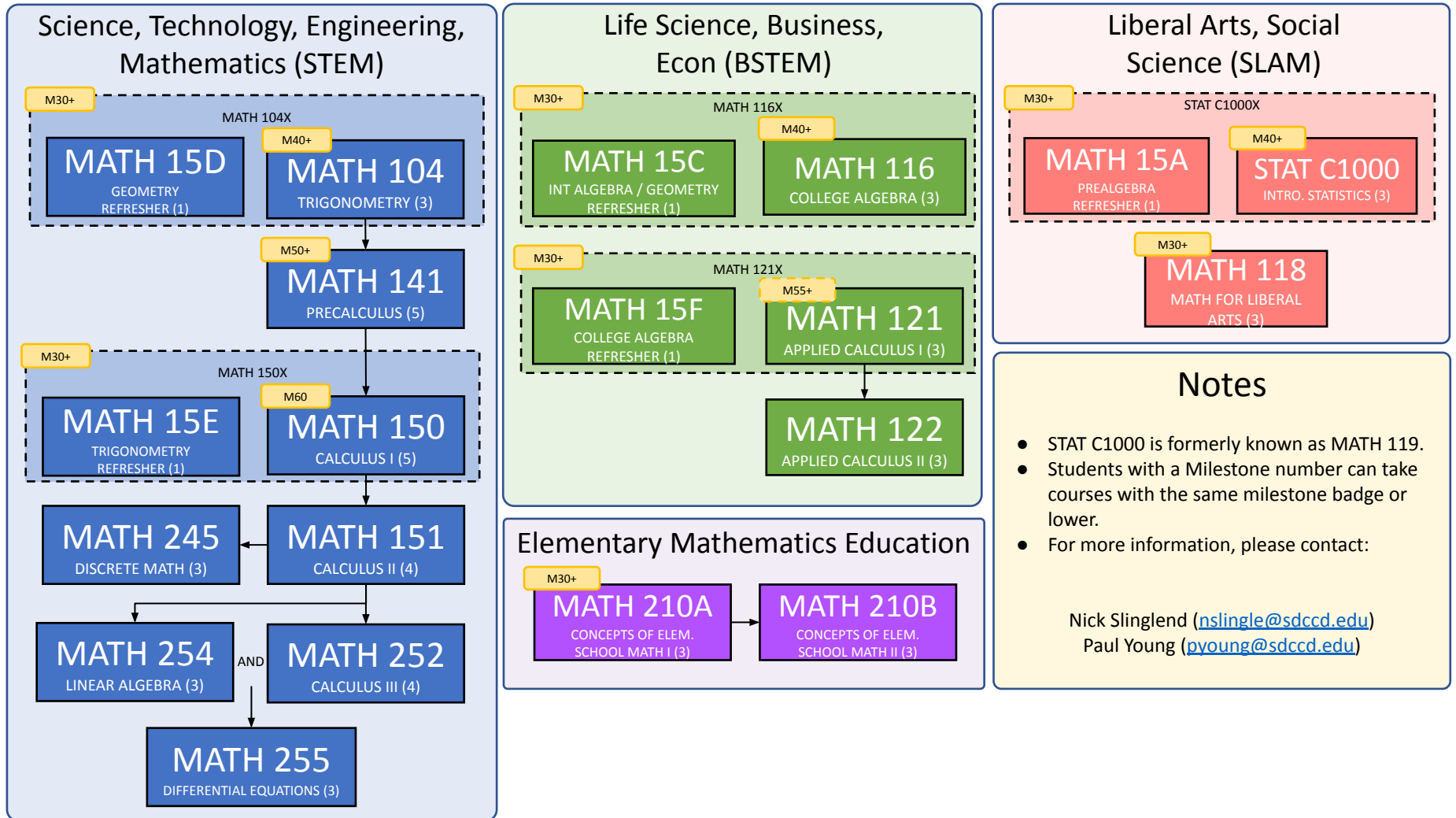


MATH PATHWAYS – COMPREHENSIVE CHART (FALL 2025)

Entry Point: Students enter path from any course with a milestone/petition badge



MATH COURSES – BY HIGH SCHOOL COURSEWORK

HS Math Course Completion (Full year)	Eligible Courses to Take (by Discipline)		
	STEM (Science, Technology, Engineering, Math)	BSTEM (Business, Behavioral Sciences, Social Sciences)	SLAM (Social Sciences, Liberal Arts, Humanities)
Any HS Math below Precalculus	MATH 104X MATH 150X	MATH 116 MATH 116X MATH 121X STAT C1000 STAT C1000X	STAT C1000 STAT C1000X MATH 118
Precalculus	MATH 141 MATH 150 or courses listed above	MATH 121 or courses listed above	Any courses listed above
AP Calc. AB/BC Exam Score 3+ *Please see a counselor or speak with the math department prior to signing up for a course	MATH 151 MATH 252 or courses listed above	MATH 122 or courses listed above	Any courses listed above

MATH COURSES – BY MILESTONE/PETITION

Milestone M30

	STAT C1000X INTRO. STATISTICS + SUPPORT (4 units) = (6 hr/wk)	MATH 116X COLLEGE ALGEBRA + SUPPORT (4 units) = (6 hr/wk)	MATH 104X TRIGONOMETRY + SUPPORT (4 units) = (6 hr/wk)
MATH 210A CONCEPTS OF ELEM. SCHOOL MATH I (3 units)	MATH 118 MATH FOR LIBERAL ARTS (3 units)	MATH 121X APPLIED CALCULUS I + SUPPORT (4 units) = (6 hr/wk)	MATH 150X CALCULUS I + SUPPORT (6 units) = (8 hr/wk)

Milestone M40

STAT C1000 INTRO. STATISTICS (3 units)	MATH 116 COLLEGE ALGEBRA (3 units)	MATH 104 TRIGONOMETRY (3 units)
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Milestone M50

MATH 141 PRECALCULUS I (5 units)
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Milestone M55

MATH 121 APPLIED CALCULUS I (3 units)
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Milestone M60

MATH 150‡ CALCULUS I (5 units)
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Via Petition

MATH 122† APPLIED CALCULUS II (3 units)	MATH 151* CALCULUS II (4 units)	MATH 252** CALCULUS III (4 units)
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- † Pass AP Calculus AB Exam with Score 3+
- * Pass AP Calculus AB Exam with Score 4+
- ** Pass AP Calculus BC Exam with Score 4+
- ‡ Pass 1 full year of HS Precalculus

MATH COURSES – BY MILESTONE/PETITION

M30

MATH 118

MATH FOR LIBERAL ARTS (3 units)

STAT C1000X

INTRO. STATISTICS + SUPPORT
(4 units) = (6 hr/wk)

MATH 210A

CONCEPTS OF ELEM. SCHOOL MATH I
(3 units)

MATH 116X

COLLEGE ALGEBRA + SUPPORT
(4 units) = (6 hr/wk)

MATH 121X

APPLIED CALCULUS I + SUPPORT
(4 units) = (6 hr/wk)

MATH 104X

TRIGONOMETRY + SUPPORT
(4 units) = (6 hr/wk)

MATH 150X

CALCULUS I + SUPPORT
(6 units) = (8 hr/wk)

M40

STAT C1000

INTRO. STATISTICS (3 units)

MATH 116

COLLEGE ALGEBRA (3 units)

MATH 104

TRIGONOMETRY (3 units)

M50

MATH 141

PRECALCULUS (5 units)

M55

MATH 121

APPLIED CALCULUS I
(3 units)

Eligible via Prerequisite/ Corequisite Petition

- † Pass AP Calculus AB Exam with Score 3+
- * Pass AP Calculus AB Exam with Score 4+
- ** Pass AP Calculus BC Exam with Score 4+
- ‡ Pass 1 full year of HS Precalculus

M60

MATH 122†

APPLIED CALCULUS II
(3 units)

MATH 150‡

CALCULUS I (5 units)

MATH 151*

CALCULUS II (4 units)

MATH 252**

CALCULUS III (4 units)

MATH COURSES - INTENDED AUDIENCE

MATH 104

TRIGONOMETRY

- I am interested in majoring in one of the STEM (Science, Technology, Engineering, Math) fields.
- I have a strong algebra background.
- My MATH Milestone Number is **M40** or **M50** or passed MATH 96 with at least a C.

MATH 104X

TRIGONOMETRY + SUPPORT

- I am interested in majoring in one of the STEM (Science, Technology, Engineering, Math) fields.
- I am less than confident with my algebra background and would benefit from additional support by ways of more contact time with my instructor and tutors.
- My MATH Milestone Number is **M30, M40, or M50**.

MATH 116

COLLEGE ALGEBRA

- I am interested in majoring in business, economics, biology, or some other type of sciences.
- I am comfortable with algebra.
- My MATH Milestone Number is **M40** or **M50** or passed MATH 96 with at least a C.

MATH 116X

COLLEGE ALGEBRA + SUPPORT

- I am interested in majoring in business, economics, biology, or some other type of sciences.
- I find math challenging and would benefit from additional support by ways of more contact time with my instructor and tutors.
- My MATH Milestone Number is **M30, M40, or M50**.

MATH 150

CALCULUS I

- I am interested in majoring in one of the STEM (Science, Technology, Engineering, Math) fields.
- I am proficient in algebra and trigonometry.
- I passed one full year of high school precalculus or MATH 141 or precalculus at another college with at least a C.

MATH 150X

CALCULUS I + SUPPORT

- I am interested in majoring in one of the STEM (Science, Technology, Engineering, Math) fields.
- I am proficient in algebra and trigonometry, but feel that I would benefit from additional support by ways of more contact time with my instructor and tutors.
- My MATH Milestone Number is **M30, M40, or M50**.

MATH 121

APPLIED CALCULUS I

- I am interested in majoring in business, economics, biology, or some other type of sciences that requires at least one semester of calculus.
- I am confident with my algebra background.
- I passed one full year of high school precalculus or MATH 116 or college algebra/precalculus at another college with at least a C.

MATH 121X

APPLIED CALCULUS I + SUPPORT

- I am interested in majoring in business, economics, biology, or some other type of sciences that requires at least one semester of calculus.
- I am less than confident with my algebra background and would benefit from additional support by ways of more contact time with my instructor and tutors.
- My MATH Milestone Number is **M30, M40, or M50**.

STAT C1000

INTRO. STATISTICS

- I am interested in majoring in business, social sciences, nursing, or other liberal arts disciplines that require statistics.
- I am proficient in basic algebra and usage of technology.
- My MATH Milestone Number is **M40** or **M50**, or passed MATH 92/96 with at least a C.

STAT C1000X

INTRO. STATISTICS + SUPPORT

- I am interested in majoring in business, social sciences, nursing, or other liberal arts disciplines that require statistics.
- I am less than confident with my math background and would benefit from additional support by ways of more contact time with my instructor and tutors.
- My MATH Milestone Number is **M30, M40, or M50**.

MATH 118

MATH FOR LIBERAL ARTS

- I am interested in majoring in one of the liberal arts disciplines.
- I am proficient in basic algebra.
- My MATH Milestone Number is **M40** or **M50**, or passed MATH 92/96 with at least a C.

MATH 210X

CONCEPTS OF ELEM. SCHOOL MATH I + SUPPORT

- I am interested in majoring in education or another liberal arts discipline that does not require more than one semester of math.
- I find math challenging and/or have struggled with math in the past.
- My MATH Milestone Number is **M30, M40, or M50**.