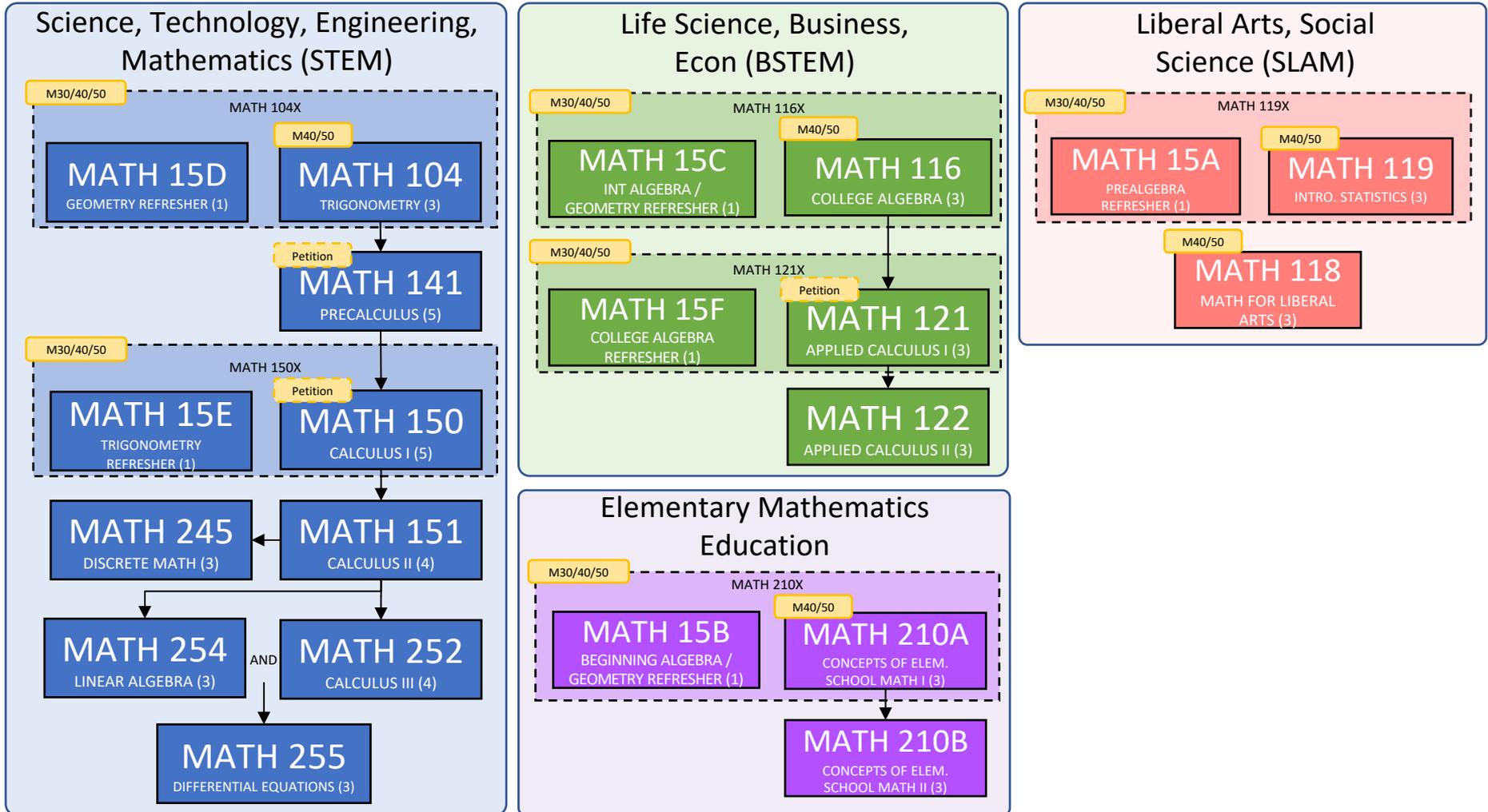


# MATH PATHWAYS – COMPREHENSIVE CHART (SPRING 2024)

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



# MATH COURSES – BY HIGH SCHOOL COURSEWORK

<b>HS Math Course Completion (Full year)</b>	<b>Eligible Courses to Take (by Discipline)</b>		
	<b>STEM</b> (Science, Technology, Engineering, Math)	<b>BSTEM</b> (Business, Behavioral Sciences, Social Sciences)	<b>SLAM</b> (Social Sciences, Liberal Arts, Humanities)
Any HS Math below Precalculus	MATH 104 MATH 104X MATH 150X	MATH 116 MATH 116X MATH 121X MATH 119 MATH 119X	MATH 119 MATH 119X MATH 118 MATH 210A MATH 210X
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+  <small>*Please see a counselor or speak with the math department prior to signing up for a course</small>	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

**MATH 104X**  
TRIGONOMETRY + SUPPORT  
(4 units) = (6 hr/wk)

**MATH 116X**  
COLLEGE ALGEBRA + SUPPORT  
(4 units) = (6 hr/wk)

**MATH 119X**  
INTRO. STATISTICS + SUPPORT  
(4 units) = (6 hr/wk)

**MATH 210X**  
CONCEPTS OF ELEM. SCHOOL  
MATH I + SUPPORT  
(4 units) = (6 hr/wk)

**MATH 150X**  
CALCULUS I + SUPPORT  
(6 units) = (8 hr/wk)

**MATH 121X**  
APPLIED CALCULUS I + SUPPORT  
(4 units) = (6 hr/wk)

## Milestones M40/M50

**MATH 104**  
TRIGONOMETRY (3 units)

**MATH 116**  
COLLEGE ALGEBRA (3 units)

**MATH 119**  
INTRO. STATISTICS (3 units)

**MATH 210A**  
CONCEPTS OF ELEM. SCHOOL MATH I  
(3 units)

**NOTE:**

- Milestone M30 students have access to M30 courses.
- Milestone M40/50 students may also enroll in the above options for M30 students.

**MATH 118**  
MATH FOR LIBERAL ARTS (3 units)

## Via Petition Process

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

**MATH 141\***  
PRECALCULUS (5)

**MATH 121\***  
APPLIED CALCULUS I  
(3 units)

**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**.

## MATH 119

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.

## MATH 119X

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**.