

# MATH PATHWAYS AT MHCC

MHCC offers multiple math pathways based on your placement level and transfer goals. Always check the program page for your degree or program of interest to confirm which math courses are required.

## Start Here: Choosing Your Math Path

Your math pathway depends on your academic and career goals:

- **Planning to transfer in STEM, science, or pre-professional fields?** # *Calculus Track*
- **Planning to transfer in business, social sciences, or some health programs?** # *Statistics Track*
- **Planning to become an elementary school teacher?** # *Elementary Education Track*
- **Planning to pursue a BA or BFA (non-STEM field)?** # *BA/BFA Track*

Not sure where to start? **Meet with an advisor** (<https://www.mhcc.edu/student-resources/academic-advising/>) to choose the best path for your goals.

*Your starting point will depend on your placement level, but all pathways are designed to help you reach your academic goals.*

## Statistics Track

This track is for students whose programs require statistics rather than calculus.

You may need this track if you plan to:

- Major in **arts, humanities, or social sciences** (e.g., psychology, sociology)
- Complete a **business transfer degree**

Always **check your program requirements** to confirm whether statistics is required.

Students can complete this pathway in one of two ways:

### Statistics Track 1

Code	Title	Credits
MTH058	Quantitative Reasoning I	6
MTH098	Quantitative Reasoning II	4
MTH105Z	Math in Society	4
STAT243Z	Elementary Statistics I	4

### Statistics Track 2

Code	Title	Credits
MTH060	Beginning Algebra I	4
MTH065	Beginning Algebra II	4
MTH095	Intermediate Algebra with Right Triangle Trigonometry	5
MTH111Z or MTH105Z	Precalculus I: Functions Math in Society	4
STAT243Z	Elementary Statistics I	4

## Calculus Track

This track is for students planning to pursue fields that require calculus.

You may need this track if you plan to:

- Major in STEM (science, technology, engineering, mathematics) or computer science
- Enter pre-professional programs such as medicine, pharmacy, or veterinary medicine
- Study fields requiring advanced math, chemistry, biology, or physics

Code	Title	Credits
MTH060	Beginning Algebra I	4
MTH065	Beginning Algebra II	4
MTH095	Intermediate Algebra with Right Triangle Trigonometry	5
MTH111Z	Precalculus I: Functions	4
MTH112Z	Precalculus II: Trigonometry	4
MTH251Z	Differential Calculus	4

## Elementary Educator Track

This track is for students planning to become elementary school teachers (grades K-6).

This pathway focuses on mathematics concepts and teaching methods specific to elementary education.

Code	Title	Credits
MTH060	Beginning Algebra I	4
MTH065	Beginning Algebra II	4
MTH095	Intermediate Algebra with Right Triangle Trigonometry	5
MTH211	Fundamentals of Elementary Mathematics I	4
MTH212	Fundamentals of Elementary Mathematics II	4
MTH213	Fundamentals of Elementary Mathematics III	4

## Bachelor of Arts / Bachelor of Fine Arts Track

This track is for students pursuing non-STEM programs such as arts, humanities, or fine arts.

Most BA/BFA programs require one introductory college-level math course. **Always check your program page to confirm specific requirements.**

Students can complete this pathway in one of the following ways:

### BA/BFA Track 1

Code	Title	Credits
MTH058	Quantitative Reasoning I	6
MTH098	Quantitative Reasoning II	4
MTH105Z	Math in Society	4

### BA/BFA Track 2

Code	Title	Credits
MTH060	Beginning Algebra I	4
MTH065	Beginning Algebra II	4
MTH095	Intermediate Algebra with Right Triangle Trigonometry	5
MTH111Z or MTH105Z	Precalculus I: Functions Math in Society	4

## Need Help Planning?

For help choosing your math pathway or planning your courses, **meet with an academic advisor.**

- ★ Course offered online
- 🌐 Cultural Literacy course