

This program roadmap represents one possible pathway to complete the program. *Please see a counselor* to create an education plan that is customized to meet your needs. This roadmap is not a guarantee of course availability or financial aid applicability. For counseling appointments call 916.608.6510.

Total Units: 18-19

## First Year

### Semester 1

5 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*
<b>MATH 400</b> Calculus I	5	MATH 375 or MATH 372 & 373	F, S

\*This certificate requires completion of at least 16 units from the following list:

MATH 335, 341, 355, 356, 370, 372, 373, 375, 400, 401, 402, 410, 420, STAT 300.

This program map example is one pathway the certificate can be completed, and students have various options depending on their math placement and major. It is recommended to see a counselor to determine the best path for completion of this certificate.

### Semester 2

5 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*
<b>MATH 401</b> Calculus II	5	MATH 400	F, S

## Second Year

### Semester 3

5 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*
<b>MATH 402</b> Calculus III	5	MATH 401	F, S

### Semester 4

3-4 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*
<b>MATH 420</b> Differential Equations or	4	MATH 401	F, S
<b>MATH 410</b> Introduction to Linear Algebra	3	MATH 401	F, S

## Notes

- The STEM Math Certificate provides students with an option to receive college affirmation of math related work done on a pathway related to science, technology, engineering, or mathematics.
- Students majoring in STEM related fields often transfer without the need for an associates degree even though many lower division preparation courses were taken.
- A common thread throughout these majors is a high level of proficiency in mathematics.