

## MATHEMATICS MINOR

- This worksheet is intended for supplemental use only. The University will use your Academic Requirements Report (ARR) to track your graduation requirements, including those for your minor. Please continue to check your ARR for accuracy.
- If your ARR requires a correction, please submit an [ARR Correction Form](#).
- Your [Degree Planner](#) (in [mysusm.edu](#)) will display the following requirements in the University's recommended sequence.
- All courses used for the minor, including preparation for the major must be completed with a grade of C (2.0) or better.
- A minimum of 9 upper-division units must be completed at CSUSM.
- All non-articulated courses MUST be reviewed and approved in advanced by a Mathematics faculty advisor.

### LOWER-DIVISION COURSES (9 UNITS)

✓ <input type="checkbox"/>	Course	Units
<input type="checkbox"/>	MATH 160: Calculus with Applications I (*MATH 125, 126 or pass MATH Placement Exam)	5
<input type="checkbox"/>	MATH 162: Calculus with Applications II (*MATH 160)	4

### ELECTIVE COURSES (15 UNITS MINIMUM)

Select 15 units from the following:

- MATH 260: Calculus with Applications, III (4) (\*MATH 162)
  - MATH 270: Basic Discrete Mathematics (3) (\*MATH 160; must pass class with a grade of B or higher) **or**
  - MATH 350: Foundations for Theoretical Mathematics (3) (\*MATH 160 with an A- or higher or MATH 162)
  - MATH 330: Introduction to the History of Mathematics (3) (\*MATH 160)
  - MATH 346: Mathematical Methods for Physics (3) (\*MATH 162; fall only)
  - MATH 362: Differential Equations (3) (\*MATH 162; spring only)
  - MATH 374: Linear Algebra (3) (\*MATH 160)
  - MATH 378: Number Systems (3) (\*MATH 350)
  - MATH 464 **or** CS 464: Numerical Analysis and Computing (3) (\*CS 111, MATH 162)
  - MATH 480 **or** CS 480: Introduction to Optimization (3) (\*MATH 374)
- Or, any other MATH courses numbered 410-599 approved for the MATH major.

✓ <input type="checkbox"/>	Course	Units
<input type="checkbox"/>		
<input type="checkbox"/>		
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<input type="checkbox"/>		

\*prerequisite