

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 at www.csusm.edu/academicadvising.
- 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)

IP

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Course	Units
MATH 160: Calculus with Applications I (*MATH 125, 126 or MATH 160 Placement Exam)	5
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) **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)
- MATH 362:** Differential Equations (3) (*MATH 162)
- MATH 374:** Linear Algebra (3) (*MATH 160)
- MATH 378:** Number Systems (3) (*MATH 350)
- MATH/CS 464:** Numerical Analysis and Computing (3) (*CS 111, MATH 162)
- MATH/CS 480:** Introduction to Optimization (3) (*MATH 374)
- Any other MATH courses numbered 410-599** approved for the MATH major.

IP

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Course	Units

*prerequisite; +with grade of B (3.0) or higher