MATHEMATICS EDUCATION MINOR

The Minor in Mathematics Education is designed for students of any major who are interested in teaching mathematics to children in K-12. The minor offers multiple coursework pathways, customizable to the student's major and interests.

Depending on their career goals, most students who complete the minor continue on to a one-year credential program, earning either a multiple-subject teaching credential with a supplemental authorization in introductory mathematics or a single subject teaching credential in foundational mathematics.

Course Requirements for the Minor

The following courses, or their approved transfer equivalents, are required of all candidates for this minor.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 125</td>
<td>Advanced Number and Operation</td>
<td>3</td>
</tr>
<tr>
<td>MATH 225</td>
<td>Algebra Functions, Real and Complex Number Systems</td>
<td>3</td>
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<tr>
<td>MATH 341</td>
<td>Mathematical Topics for the Credential</td>
<td>3</td>
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<tr>
<td>MATH 342</td>
<td>Math Topics for the Credential</td>
<td>3</td>
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</table>

Select eight to nine units from one of the following groups:

Group 1:
- MATH 120 Analytic Geometry and Calculus
- MATH 121 Analytic Geometry and Calculus

Group 2:
- MATH 110 Concepts and Structures of Mathematics
- MATH 210 Concepts and Structures of Mathematics
- MATH 310 Patterns and Structures in Mathematics

Select one of the following:

- MATH 105 Introduction to Statistics
- MATH 305 Conceptual and Practical Statistics

Select one of the following:

- MATH 311 Intuitive Foundations of Geometry
- MATH 346 College Geometry

Total Units 26-27

Declaration of Minor

To declare the minor, you must fill out a Plan Change Form (https://www.csuchico.edu/sro/forms/plan-change.shtml/) and receive approval from the Mathematics and Statistics Department chair.