# Mathematics Second Academic Concentration

**Mathematics Second Academic Concentration for Elementary Education with K–6 Teacher Licensure, B.S.**

The second academic concentration in Mathematics is designed specifically for Elementary Education Majors and Special Education Majors.

## Requirements
- Minimum of 18 credit hours.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 191</td>
<td>Calculus I</td>
<td></td>
</tr>
<tr>
<td>MAT 292</td>
<td>Calculus II</td>
<td></td>
</tr>
<tr>
<td>STA 271</td>
<td>Fundamental Concepts of Statistics</td>
<td></td>
</tr>
</tbody>
</table>

*Select one from the following:*
- MAT 220  Plane and Solid Analytic Geometry
- MAT 253  Discrete Mathematical Structures
- MAT 293  Calculus III
- MAT 310  Elementary Linear Algebra

## Additional Electives
- 6 credits from the following:
  - MAT 220  Plane and Solid Analytic Geometry
  - MAT 253  Discrete Mathematical Structures
  - MAT 293  Calculus III
  - MAT 310  Elementary Linear Algebra
  - MAT 311  Introduction to Abstract Algebra
  - MAT 313  Historical Development of Mathematics
  - MAT 353  Introduction to Discrete Mathematics
  - MAT 390  Ordinary Differential Equations
  - MAT 394  Calculus IV
  - MAT 414  Theory of Numbers
  - MAT 419  Intuitive Concepts in Topology
  - MAT 431  Combinatorial Analysis

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**Mathematics Second Academic Concentration for Special Education: General Curriculum, B.S.**

The second academic concentration in Mathematics is designed specifically for Elementary Education Majors and Special Education Majors.

## Requirements
- Minimum of 18 credit hours.