# 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

**Select 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.