**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 3

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

**Addition 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 353 Introduction to Discrete Mathematics
- MAT 390 Ordinary Differential Equations
- MAT 394 Calculus IV
- MAT 413 Historical Development of Mathematics
- MAT 414 Theory of Numbers
- MAT 419 Intuitive Concepts in Topology
- MAT 431 Combinatorial Analysis

**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