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>
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</tbody>
</table>

Select 3 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

Addition Electives 6 credits
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