## General Education Requirement: 38 Hours

<table>
<thead>
<tr>
<th>Area</th>
<th>Hours</th>
<th>To be selected from:</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition &amp; Oral Communication</td>
<td>9</td>
<td>ENGL 1113 or 1313; &amp; 1213 or 1413 or 3323 (see Academic Regulation 3.5 in Catalog) SPCH 2713</td>
</tr>
<tr>
<td>American History &amp; Government</td>
<td>6</td>
<td>HIST 1103, 1483 or 1493; and POLS 1113</td>
</tr>
<tr>
<td>Analytical &amp; Quantitative Thought (A)</td>
<td>--</td>
<td>MATH 2144 is included in the Major Requirements.</td>
</tr>
<tr>
<td>Humanities (H)</td>
<td>6</td>
<td>6 hours any (H) designated courses. One course must be lower-division.</td>
</tr>
<tr>
<td>Natural Sciences (N)</td>
<td>8</td>
<td>Biological science – suggested: BIOL 1114 Physical science – PHYS 1114, 1214, 2014 or 2114</td>
</tr>
<tr>
<td>Social &amp; Behavioral Sciences (S)</td>
<td>6</td>
<td>PSYC 1113; and ECON 1113 or SOC 1113</td>
</tr>
<tr>
<td>Diversity (D)</td>
<td>--</td>
<td>Any course designated (D)</td>
</tr>
<tr>
<td>International Dimension (I)</td>
<td>3</td>
<td>Any course designated (I) Recommended: SCFD 4913</td>
</tr>
<tr>
<td>Scientific Investigation (L)</td>
<td>--</td>
<td>Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.</td>
</tr>
</tbody>
</table>

## College/Departmental Requirement: 10 Hours

Minimum grade of "C" or "P" in each course.

Required: EDUC 1111

Electives: 9 hours (5 hours may need to be Foreign Language)

## Professional Core Requirements: 33 Hours

Minimum GPA 2.50 with a minimum grade of "C" or "P" in each course.

Calculus, abstract algebra, geometry
MATH 2144, MATH 2163, MATH 4403
MATH 2153, MATH 3613

Differential equations, linear algebra, modern analysis, combinatorial math, number theory, financial mathematics.
MATH 2233, MATH 4663, MATH 4713
MATH 3013, MATH 4013, or 4023, or 4233, or 4453

History and Mathematical Modeling
MATH 4033 and 4583

Statistical Methods
STAT 4013 and 4583

Computing Science
CS 1103 or CS 1113

## Major Requirements: 43 Hours

Minimum GPA 2.50 with a minimum grade of "C" or "P" in each course.

Calculus, abstract algebra, geometry
MATH 2144, MATH 2163, MATH 4403
MATH 2153, MATH 3613

Differential equations, linear algebra, modern analysis, combinatorial math, number theory, financial mathematics.
MATH 2233, MATH 4663, MATH 4713
MATH 3013, MATH 4013, or 4023, or 4233, or 4453

History and Mathematical Modeling
MATH 4033 and 4583

Statistical Methods
STAT 4013 and 4583

Computing Science
CS 1103 or CS 1113

Student Teaching – Spring Semester only
*CIED 4720 (9 hours) *CIED 4724
*Full admission to Professional Education required.