WEST COLLEGE OF EDUCATION
Bachelor of Science in Secondary Education
7-12th Grade Mathematics

Total Program Hours = 120

**CORE REQUIREMENTS (44 hours)**

<table>
<thead>
<tr>
<th>Communication</th>
<th>Mathematics</th>
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<tbody>
<tr>
<td>ENGL 1143 (Academic Res &amp; Writing)</td>
<td>MATH 1534 (Precalculus)</td>
</tr>
<tr>
<td>3 Hour Communication Core Option</td>
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<tr>
<td>Life/Physical Science</td>
<td>American History</td>
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<tr>
<td>4 Hour Laboratory Science</td>
<td>HIST 1133 (Am Hist to 1865)</td>
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<tr>
<td>4 Hour Laboratory Science</td>
<td>HIST 1233 (Am Hist since 1865)</td>
</tr>
<tr>
<td>Language Philosophy and Culture</td>
<td>Government/Political Science</td>
</tr>
<tr>
<td>ENGL/HIST/HUMN/PHIL/SPAN</td>
<td>POLS 1333 (Am Govt)</td>
</tr>
<tr>
<td>Creative Arts (Choose 1)</td>
<td>POLS 1433 (Am Govt)</td>
</tr>
<tr>
<td>ART/MCOM/MUSC/THEA</td>
<td>COUN 2023 (Human Development)</td>
</tr>
<tr>
<td>CAO Cultural &amp; Global Understanding</td>
<td>Social and Behavioral Science</td>
</tr>
<tr>
<td>EDUC 2013 (School and Society)</td>
<td>POLS 1333 (Am Govt)</td>
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**CONTENT (33 hours)**

*Grades of "D" are not acceptable in the following courses

- MATH 1634 (Calculus I)
- MATH 1734 (Calculus II)
- MATH 3233 (Intro to Modern Math)
- MATH 3004 (Problem Solving and Discrete Mathematics)
- MATH 3133 (Foundations of Geometry)
- MATH 3753 Vector Spaces
- MATH 2753 (Linear Algebra)
- STATS 3573 (Probability and Stats)
- MATH 4733 Intro Analysis
- MATH Upper Level 3 Hour Elective

**EDUCATION & READING BLOCK (27 hours)**

*Grades of "D" are not acceptable in the following Block courses

**Foundation Courses: Student must be admitted to the Teacher Education Program**

- EDUC 3163 (Classroom Management)
- EDUC 3183 (Assessment)
- EPSY 3153 (Educational Psychology)
- SPED 3623 (Teaching Students with Special Needs in Inclusive Settings)

Before taking the following methods courses student must have finished Foundation Courses

- EDUC 4076 (Teaching Methods in Math)
- ETEC 4003 (Advanced Technology)
- READ 4403 (Content Literacy)

**Final semester: A 2.75 GPA in Education and Content Class is Required for Clinical Teaching**

- EDUC 4173 (Clinical Teaching)

**OTHER REQUIREMENTS (15 hours)**

- ECED 3173 (ESL Methods & Materials)
- EDUC 4233 (Undergraduate Action Research)
- Elective (3 hour)
- Elective (3 hour)
- Elective (3 hour)