**COMMON CORE:** 15 Credits  
Analytical Reading/Writing: WRT102  
Academic Writing: WRT202  
Human Communication: CM104  
Calculus I: MAT171  
Physical Education (2 crs.):  

**AREA DISTR. REQUIREMENTS:** 6 Credits  
I. Fine Arts & Humanities: 6 Credits  
II. Social & Behav. Sciences:  
Satisfied by Major Requirements  
III. Laboratory Sciences:  
Satisfied by Major Requirements  
IV. Amer./West. Civ., Amer. Govt.: 6 Credits  
V. Int’l. Studies/Foreign Lang.: 6 Credits  

<table>
<thead>
<tr>
<th>DISCPL. CERT. REQ.:</th>
<th>47-48 Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calculus II: MAT172</td>
<td></td>
</tr>
<tr>
<td>Elem. Linear Algebra: MAT260</td>
<td></td>
</tr>
<tr>
<td>Calculus III: MAT271</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>Applied Mathematics: MAT291</td>
<td></td>
</tr>
<tr>
<td>Differential Equations: MAT272</td>
<td></td>
</tr>
<tr>
<td>Mathematical Structures: MAT280</td>
<td></td>
</tr>
<tr>
<td>Modern Geometry: MAT345</td>
<td></td>
</tr>
<tr>
<td>Probability and Statistics: MAT350</td>
<td></td>
</tr>
<tr>
<td>History of Math: MAT390</td>
<td></td>
</tr>
</tbody>
</table>

*Plus FOUR of the following courses:  
(Certain 400-level math courses may substitute for these courses with the approval of the math faculty.)  
MAT210  
MAT360  
MAT361  
MAT362  
MAT371  
MAT372  
MAT391  
MAT493  
MAT496  

*ONE of the following science sequences:  
BIO150 and BIO152  
CHM134 and CHM136  
PHY160 and ONE of PHY162, PHY260, PHY262  

* A grade of “2.0” or better is required.

**These courses may be taken prior to:**  
*Pre–Professional Educator Status (PPES)*  
INTRO: 15 Credits  
Intro. American Edu. EDU200  
Instructional Technology EDU210  
Psych. Teaching/Learning/Sec. EDU275  
General Psychology PSY100  
SPE Processes & Procedures SPE200  

**Professional Prep. Courses:** 19 Credits  
Instructional Needs of ELL EDU335  
Community/Legal Issues SE460  
Math Standards MAT355  
Teaching Sec. Ed. Math SE355  
Teaching Strategies SE351  
Effective Inst’l Methods SPE300  
Literacy Development SPE301  

**Professional Semester:**  
12 Credits  
3.0 GPA prerequisite for professional semester  
Student Teaching SE495  
Focused Studies SE480  
Pract. in Student Teaching SE485  
Selected Topics in Education SE490  

**Professional Semester:**  
12 Credits  
3.0 GPA prerequisite for professional semester  
Alternate Program  
Directed Professional Educ. Exp. SE475  

* All courses must be completed with a minimum “2.0” grade. Courses may not be taken on a pass/fail basis.  
* A minimum of 12 Credits of the Area Distribution Requirements must be at the 200-level or above. Courses may not be taken on a pass/fail basis. See Registrar’s Office for official list of courses.  
* Six credits are to be taken in one of these two areas; if foreign language is selected, six credits must be in one language.  
* Requirements listed apply to students who matriculate into or declare this major during the 2014-2015 academic year.  
* Advancement to PPES requires successful completion of WRT102, WRT202, MAT171, MAT172, EDU200 and EDU210 with a minimum grade of “3.0” in each course and successful completion of the PRAXIS I or PAPA exams.  
* Students electing Alternate Program will select SE475 and other appropriate coursework. Must have prior approval from Advisor and Department Chair of Education.