Bachelor of Science in Elementary Education Integrated Studies  
Mathematics Cognate  
2018-2019 Degree Completion Plan

Important: This degree plan is effective for those starting this degree program in fall 2018 through summer 2019. This degree plan will remain in effect for students who do not break enrollment or who do not change degree programs, concentrations, or cognates.

GENERAL EDUCATION/ 
CORE COMPETENCY REQUIREMENTS (44-47 hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hrs</th>
<th>Sem</th>
<th>Grade</th>
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</thead>
<tbody>
<tr>
<td>Communication (6 hours)$</td>
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<tr>
<td>ENGL 101</td>
<td>3</td>
<td></td>
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</tr>
<tr>
<td>Communications Elective</td>
<td>3</td>
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<tr>
<td>Math, Science &amp; Technology (7-10 hours)$</td>
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<tr>
<td>MATH</td>
<td>3</td>
<td></td>
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</tr>
<tr>
<td>Math Elective (MATH 114 or higher)</td>
<td>3</td>
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<tr>
<td>Natural Science Elective</td>
<td>3</td>
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<tr>
<td>Technology Competency²</td>
<td>0-3</td>
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<tr>
<td>UNIV 101</td>
<td>1</td>
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<tr>
<td>Information Literacy (7 hours)$</td>
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<tr>
<td>INQR 101</td>
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<tr>
<td>Composition Elective</td>
<td>3</td>
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</tr>
<tr>
<td>Information Literacy Elective</td>
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<tr>
<td>Critical Thinking (12 hours)$</td>
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<tr>
<td>RSCH 201</td>
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</tr>
<tr>
<td>Literature OR Philosophy Elective</td>
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<tr>
<td>Social Science Elective</td>
<td>3</td>
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<tr>
<td>Cultural Studies Elective</td>
<td>3</td>
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<tr>
<td>Christian Life &amp; Thought (12 hours)$³</td>
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<tr>
<td>BBTL 105</td>
<td>2</td>
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</tr>
<tr>
<td>New Testament Survey</td>
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</tr>
<tr>
<td>EVAN 101</td>
<td>2</td>
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</tr>
<tr>
<td>Evangelism &amp; Christian Life</td>
<td>2</td>
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<tr>
<td>RLGN 105</td>
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<tr>
<td>Intr Bwvw/Contemp Moral Issues</td>
<td>2</td>
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<tr>
<td>THEO 201</td>
<td>2</td>
<td></td>
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</tr>
<tr>
<td>Theology Survey I</td>
<td>2</td>
<td></td>
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</tr>
<tr>
<td>THEO 202</td>
<td>2</td>
<td></td>
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</tr>
<tr>
<td>Theology Survey II</td>
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Notes:  
$ Refer to the list of approved general education electives at www.liberty.edu/gened before enrolling in core competency requirements  
$ All students must pass the Computer Assessment OR complete applicable INFT course; refer to www.liberty.edu/computerassessment for more information  
² Students transferring in 45 or more UG credit hours will have the requirements of RLGN 105 & EVAN 101 waived; Students transferring in 60 or more UG credit hours will also have the requirements of THEO 201 & THEO 202 waived  
$ This test must be passed before application to Teacher Licensure Program - GATE 2  
$ This test must be passed before application for Student Teaching - GATE 3  
$ Major Foundational Courses can also fulfill General Education/Core Competency requirements as applicable  
³ Choose from: ENGL 201, 202, 215, 216, 221, or 222  
⁴ Minimum grade of “C” is required  
⁵ Preferred for Praxis II (Subject Assessment)  
⁶ Refer to www.liberty.edu/uguide for licensure information  
⁷ Choose from: HIUS 310, 312 or 390; HIUS 390 is preferred course for teaching in VA  
⁸ Choose from: BIOL 103, 104 or PHYS 103  
⁹ Choose a course not already required in the major except MATH 419 or 420  

Suggested Core/Sequence on second page

ADDITIONAL MAJOR REQUIREMENTS

<table>
<thead>
<tr>
<th>Course</th>
<th>Date Completed:</th>
<th>Grade</th>
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<tbody>
<tr>
<td>Praxis Core (Math Section)$</td>
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<tr>
<td>VCLA²</td>
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<td></td>
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<tr>
<td>RVE³</td>
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<tr>
<td>Praxis II (Subject Assessment)$</td>
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</table>

Graduation Requirements

126 Total Hours  
3.0 Overall grade point average  
31.5 Hours must be upper-level courses (300-400 level)  
Grade of “C” Minimum required for all upper-level courses in the major  
50% Of major and cognate taken through Liberty University  
Grad App Submission of Graduation Application must be completed within the last semester of a student's anticipated graduation date

CSER All requirements must be satisfied before a degree will be awarded

Major Foundational Courses (10-35 hours)$

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<th>Course</th>
<th>Hrs</th>
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<tbody>
<tr>
<td>BIOL 101</td>
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</tr>
<tr>
<td>Principles of Biology</td>
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<tr>
<td>or BIOL 102</td>
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<td></td>
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<tr>
<td>Principles of Human Biology</td>
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<tr>
<td>COMS 101</td>
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<tr>
<td>Speech Communication</td>
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<tr>
<td>CSTU 101</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Western Culture</td>
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<tr>
<td>ENGL 102</td>
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<td></td>
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<tr>
<td>Composition &amp; Literature</td>
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<tr>
<td>ENGL</td>
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<tr>
<td>Literature Elective⁷</td>
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<td>HIUS 201</td>
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<tr>
<td>History of Western Civilization I</td>
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<td>HIUS 221</td>
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<tr>
<td>Survey of American History I</td>
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<tr>
<td>MATH 131</td>
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<tr>
<td>Calculus &amp; Analytic Geometry I²</td>
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<td>MATH 132</td>
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<tr>
<td>Calculus &amp; Analytic Geometry II²</td>
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<td>PSYC 310</td>
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<td>Elements of Physics</td>
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<td>PSYC 101</td>
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<tr>
<td>General Psychology</td>
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<tr>
<td>or PSYC 210</td>
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<tr>
<td>Developmental Psychology³</td>
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MAJOR²² Core (56-58 hours)

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<th>Course</th>
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<tbody>
<tr>
<td>ECON 110</td>
<td>3</td>
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<tr>
<td>Survey of Economics</td>
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<tr>
<td>ENGL 310</td>
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<tr>
<td>Children’s Literature</td>
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<tr>
<td>GEOG 200</td>
<td>3</td>
<td></td>
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</tr>
<tr>
<td>Introduction to Geography</td>
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</tr>
<tr>
<td>HIUS</td>
<td>3</td>
<td></td>
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<tr>
<td>HIUS 310, 312 or 390; HIUS 390 is preferred course for teaching in VA</td>
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<tr>
<td>PSYC 345</td>
<td>3</td>
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<tr>
<td>Exceptional Child</td>
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Elementary Education Courses

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<th>Course</th>
<th>Hrs</th>
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<tbody>
<tr>
<td>EDUC 125</td>
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<tr>
<td>Introduction to Education</td>
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<tr>
<td>EDUC 220</td>
<td>2</td>
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</tr>
<tr>
<td>Differentiated Teaching &amp; Learning</td>
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<tr>
<td>EDUC 225</td>
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<tr>
<td>Instructional Design: Elementary</td>
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<tr>
<td>EDUC 318</td>
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<tr>
<td>Teaching Elementary Reading</td>
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<tr>
<td>EDUC 319</td>
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<tr>
<td>Teaching Elementary Language Arts</td>
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<tr>
<td>EDUC 322</td>
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<tr>
<td>Teaching Elementary Social Sciences</td>
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<td>EDUC 323</td>
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<tr>
<td>Teaching Elementary Mathematics</td>
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<td>Teaching Elementary Science</td>
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<tr>
<td>EDUC 360</td>
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<tr>
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<tr>
<td>EDUC 410</td>
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<tr>
<td>Elementary School Curriculum</td>
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<tr>
<td>EDUC 415</td>
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<tr>
<td>Diagnostic Measurement &amp; Evaluation</td>
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Professional Studies

<table>
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<th>Course</th>
<th>Hrs</th>
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<tbody>
<tr>
<td>EDUC 475</td>
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<tr>
<td>Seminar in Classroom Management</td>
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<tr>
<td>EDUC 476</td>
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<tr>
<td>Student Teaching I</td>
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<tr>
<td>EDUC 477</td>
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<td>Student Teaching II</td>
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Optional: Middle School Endorsement

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<tbody>
<tr>
<td>EDUC 412</td>
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<tr>
<td>Middle School Curriculum &amp; Instruction</td>
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Cognate (16 hours)

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<tbody>
<tr>
<td>MATH 133</td>
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<tr>
<td>Calculus with Mathematics Lab</td>
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<tr>
<td>MATH 200</td>
<td>3</td>
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<tr>
<td>Introduction to Mathematical Reasoning</td>
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<tr>
<td>MATH 211</td>
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<tr>
<td>Introduction to Statistical Analysis</td>
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<tr>
<td>MATH 305</td>
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<tr>
<td>Modern Geometry</td>
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<td>MATH 321</td>
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<tr>
<td>Linear Algebra</td>
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Mathematics Cognate

Effective: Catalog Term 2018-40

Revised: 03.14.2018
# Suggested Course Sequence

## Freshman Year

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Second Semester</th>
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<tbody>
<tr>
<td>ENGL 101</td>
<td>BIBL 105</td>
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<tr>
<td>INQR 101</td>
<td>EVAN 101</td>
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<tr>
<td>RLGN 105</td>
<td>MATH 132</td>
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<tr>
<td>UNIV 101</td>
<td>Composition Elective [ENGL 102]¹</td>
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<tr>
<td>Communications Elective [COMS 101]¹</td>
<td>Technology Competency¹,²</td>
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<tr>
<td>Math Elective [MATH 131]¹</td>
<td>EDUC 220</td>
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<td>EDUC 125</td>
<td>MATH 133</td>
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<td>GEOG 200</td>
<td>CSER</td>
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<td>CSER</td>
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## Sophomore Year

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<tr>
<td>RSCH 201</td>
<td>THEO 201</td>
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<tr>
<td>Cultural Studies Elective¹ [CSTU 101]</td>
<td>Information Literacy Elective [HIEU 201 or HIUS 221]¹</td>
</tr>
<tr>
<td>Literature OR Philosophy Elective [ENGL 201, 202, 215, 216, 221, or 222]¹</td>
<td>Natural Science Elective [BIOL 101 OR 102]¹</td>
</tr>
<tr>
<td>Social Science Elective [PSYC 101 or 210]¹</td>
<td>Natural Science Lab¹</td>
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<td>EDUC 225/226</td>
<td>MATH 200</td>
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<td>EDUC 240</td>
<td>MATH 211</td>
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<td>CSER</td>
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## Junior Year

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<tbody>
<tr>
<td>HIEU 201 OR HIUS 221</td>
<td>THEO 202</td>
</tr>
<tr>
<td>PHSC 210 OR PHYS 101</td>
<td>EDUC 322/323/324</td>
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<tr>
<td>EDUC 317/318/319</td>
<td>EDUC 360</td>
</tr>
<tr>
<td>ECON 110</td>
<td>HIUS 310 OR 312 OR 390⁵</td>
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<tr>
<td>ENGL 310</td>
<td>MATH 321</td>
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<td>CSER</td>
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## Senior Year

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<tbody>
<tr>
<td>BIBL 110</td>
<td>EDUC 475</td>
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<tr>
<td>EDUC 410/411</td>
<td>EDUC 476</td>
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<tr>
<td>EDUC 415/416</td>
<td>EDUC 477</td>
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<tr>
<td>MATH 305</td>
<td>CSER</td>
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<td>PSYC 345</td>
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<tr>
<td>Math Elective⁶</td>
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<td>CSER</td>
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<td>Total 12</td>
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Notes

1. All applicable prerequisites must be met
2. Refer to the list of approved general education electives at [www.liberty.edu/gened](http://www.liberty.edu/gened) before enrolling in core competency requirements
3. All students must pass the Computer Assessment OR complete applicable INFT course; refer to [www.liberty.edu/computerassessment](http://www.liberty.edu/computerassessment) for more information
4. Preferred for Praxis II (Subject Assessment)
5. Choose from: BIOL 103, 104 or PHYS 103
6. MATH 305 is preferred course for teaching in VA
7. Choose a course not already required in the major except MATH 419 or 420
8. EDUC 412 is an Optional Course. Completing EDUC 412 will give the student the Middle School Endorsement, if the student completes Middle School Praxis Content Knowledge exam for their cognate