## Suggested Course Sequence to transfer from NCCCS

### Curriculum Guide for AA to B.S.Ed. Mathematics at WCU

#### Freshman/First Year

<table>
<thead>
<tr>
<th>CC Course</th>
<th>WCU Course Equivalent</th>
<th>LS Cat.</th>
<th>Credit Hours</th>
<th>Required/Notes</th>
<th>CC Course</th>
<th>WCU Course Equivalent</th>
<th>LS Cat.</th>
<th>Credit Hours</th>
<th>Required/Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 111</td>
<td>ENGL 101</td>
<td>C1</td>
<td>3</td>
<td></td>
<td>ENG 112</td>
<td>ENGL 202</td>
<td>C1</td>
<td>3</td>
<td></td>
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<tr>
<td>MAT 171</td>
<td>MATH 146</td>
<td>C2</td>
<td>4</td>
<td></td>
<td>COM 231</td>
<td>COMM 201</td>
<td>C3</td>
<td>3</td>
<td>Preferred</td>
</tr>
<tr>
<td>History (Social/Behavioral Science)</td>
<td>History</td>
<td>P3</td>
<td>3</td>
<td>Preferred</td>
<td>Humanities/Fine Arts</td>
<td>Humanities</td>
<td>P4</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Humanities/Fine Arts</td>
<td>Fine &amp; Performing Arts</td>
<td>P5</td>
<td>3</td>
<td></td>
<td>Social/Behavioral Sciences</td>
<td>Social Sciences</td>
<td>P1</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Natural Science</td>
<td>Physical &amp; Biological Sciences</td>
<td>C5</td>
<td>4</td>
<td></td>
<td>MAT 172</td>
<td>Pre-requisite for MAT 271</td>
<td>4</td>
<td></td>
<td></td>
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<tr>
<td>ACA 122</td>
<td>USI 130</td>
<td></td>
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<tr>
<td><strong>Total Credit Hours</strong></td>
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<td></td>
<td></td>
<td></td>
<td><strong>Total Credit Hours</strong></td>
<td>16</td>
<td></td>
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</table>

*This assumes placement into college level courses. This is only meant to be a guide. Please see your academic advisor to develop your individual plan.

#### Sophomore/Second Year

<table>
<thead>
<tr>
<th>CC Course</th>
<th>WCU Course Equivalent</th>
<th>LS Cat.</th>
<th>Credit Hours</th>
<th>Required/Notes</th>
<th>CC Course</th>
<th>WCU Course Equivalent</th>
<th>LS Cat.</th>
<th>Credit Hours</th>
<th>Required/Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social/Behavioral Sciences</td>
<td>Social Sciences</td>
<td>P1</td>
<td>3</td>
<td></td>
<td>Natural Science</td>
<td>Physical &amp; Biological Sciences</td>
<td>C5</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>EDU 216**</td>
<td>EDCI 201</td>
<td></td>
<td>3</td>
<td>Required</td>
<td>Other Elective</td>
<td></td>
<td></td>
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<tr>
<td>MAT 271</td>
<td>MATH 153</td>
<td></td>
<td>4</td>
<td>Required</td>
<td>MAT 272</td>
<td>MATH 255</td>
<td></td>
<td>4</td>
<td>Required</td>
</tr>
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<td>Social Science (Global Perspective)</td>
<td>World Cultures</td>
<td>P6</td>
<td>3</td>
<td></td>
<td>HEA 110/PED 110/Other Elective</td>
<td>Wellness</td>
<td>C4</td>
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<tr>
<td><strong>Total Credit Hours</strong></td>
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<td><strong>Total Credit Hours</strong></td>
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</table>

*Please see website for admission criteria: TeacherEdAdmission.wcu.edu
** Students should complete the Praxis Core Academic Skills for Educators Exam during their EDU 216 semester in anticipation of Admission to the TEP

UGETC=purple shading  Gen. Ed.=beige shading  Other required hours=blue shading
## Suggested Course Sequence to transfer from NCCCS

### Junior/Third Year (at WCU)

#### 5th Semester - Fall
- **WCU Course**: MATH 250
  - **Course Title**: Intro to Logic and Proof
  - **Credit Hours**: 3

#### 6th Semester - Spring
- **WCU Course**: MATH 361
  - **Course Title**: Abstract Algebra I
  - **Credit Hours**: 3
- **WCU Course**: MATH 256
  - **Course Title**: Calculus III
  - **Credit Hours**: 4

#### 5th Semester - Spring
- **WCU Course**: MATH 310
  - **Course Title**: Discrete Structures
  - **Credit Hours**: 3

#### 6th Semester - Fall
- **WCU Course**: MATH 200
  - **Course Title**: Intro to Problem Solving
  - **Credit Hours**: 1

#### Notes
- **WCU Course**: MATH 400
  - **Course Title**: History of Mathematics
  - **Credit Hours**: 3

#### Math Elective
- **Credit Hours**: 3

#### Total Credit Hours
- **Fall**: 17
- **Spring**: 18

### Summer

- **WCU Course**: PSY 323
  - **Course Title**: Psychology Applied to Learning and Teaching
  - **Credit Hours**: 3
  - **Notes**: Online

### Senior/Fourth Year

#### 7th Semester - Fall
- **WCU Course**: MATH 411
  - **Course Title**: Foundations in Geometry
  - **Credit Hours**: 3
- **WCU Course**: MATH 415
  - **Course Title**: Methods and Materials for Teaching Math in Secondary School
  - **Credit Hours**: 3

#### 8th Semester - Spring
- **WCU Course**: MATH 414
  - **Course Title**: Teaching Methods
  - **Credit Hours**: 3
- **WCU Course**: MATH 340
  - **Course Title**: Intro to Scientific Computing
  - **Credit Hours**: 3

#### Notes
- **WCU Course**: MATH 300
  - **Course Title**: Problem Solving
  - **Credit Hours**: 2
- **WCU Course**: MATH 479
  - **Course Title**: Capstone
  - **Credit Hours**: 2

#### Total Credit Hours
- **Fall**: 16
- **Spring**: 12

**Reminder:** 30 hours of 300-400 level courses must be taken at WCU.

**Program website:** [MathBSED.wcu.edu](http://MathBSED.wcu.edu)

**For Academic Advising questions, please visit:** [Suites 201.wcu.edu](http://Suites 201.wcu.edu)

**UGETC=purple shading**

**Gen. Ed.=beige shading**

**Other required hours=blue shading**

*rev. 08/11/2021*