Overview
Completion of the following curriculum will satisfy the requirements for the Associate in Science (AS) degree at Gateway Community and Technical College (GCTC) and leads to the Bachelor of Arts (BA) in Middle Grades Education – Mathematics and Science Tracks degree at Northern Kentucky University (NKU).

Applying to the Gateway2NKU Program
Students can apply to participate in the pathway program by completing the online application on the NKU transfer webpage. Students must be enrolled in at least six credit hours at Gateway CTC, enrolled in an associate degree program, plan to transfer to NKU, and maintain a minimum 2.0 cumulative GPA at Gateway CTC.

Degree Requirements for GCTC
1) completion of minimum 60 credit hours, 2) minimum cumulative GPA 2.0, 3) minimum of 15 credit hours earned at the institution awarding the degree, 4) cultural studies course, 5) demonstration of digital literacy, 6) college success requirement.

Admission Requirements to NKU
Students completing an associate degree with a cumulative GPA of 2.0 or higher will be accepted into NKU. In addition, students must meet the following requirements for admission into Education. Courses in parentheses are GCTC course equivalents.

- A minimum overall GPA of 2.75
- A minimum grade of “B” in CMST 101 (COM 181) and ENG 102 (ENG 102)
- A minimum grade of “C” in all other pre-admission courses and required EDU and EDS courses which include EDU 300 (EDP 202), EDU 305 (EDU 201), EDU 313 (EDU 204), and EDS 360 (EDP 203).
- Praxis Core Academic Skills for Educators: Reading (5712) – 156 or higher, Writing (5722) – 162 or higher and Mathematics (5732) – 150 or higher
- Pass criminal background check
- 60 semester hours completed
- An acceptable portfolio
- A completed application to the Teacher Education program
Degree Requirements for NKU
To earn a bachelor’s degree at NKU, students must complete a minimum of 120 credit hours with at least 45 credit hours numbered 300 and above. In addition, at least 25% of the credit hours required for the degree and the last 30 credit hours must be completed at NKU. Students must have an overall GPA of 2.0 and meet all prerequisites for courses and requirements for the major. Students majoring in Education must maintain a GPA of 2.75 overall in major courses in order to enroll in the clinical experience and graduate.

General Transfer Information
Students must complete the online application to NKU. There is no application fee for students who are transferring from GCTC.

KCTCS Scholars Award: Students who are KY residents transferring directly from a KCTCS institution with at least 36 hours from that institution and minimum GPA of 3.0, were never enrolled as a degree-seeking student at NKU, and will be enrolled in at least 12 credit hours both fall and spring semester are eligible for a limited number of $2,500 annual scholarships ($1,250 per fall and spring). Students must gain admission to NKU by June 15 for fall and November 1 for spring to be eligible for a possible scholarship. Online accelerated programs are not eligible for the KCTCS Scholars Award.
### Category 1: GCTC General Education Core Requirements

<table>
<thead>
<tr>
<th>GCTC Course</th>
<th>Course or Category</th>
<th>Credits</th>
<th>NKU Course</th>
<th>Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101</td>
<td>Writing I (WC)</td>
<td>3</td>
<td>ENG 101</td>
<td></td>
</tr>
<tr>
<td>ENG 102</td>
<td>Writing II (WC)</td>
<td>3</td>
<td>ENG 102</td>
<td></td>
</tr>
<tr>
<td>COM 181</td>
<td>Basic Public Speaking (OC)</td>
<td>3</td>
<td>CMST 101</td>
<td></td>
</tr>
<tr>
<td>TBS XXX</td>
<td>Arts &amp; Humanities (AH) Humanities</td>
<td>3</td>
<td>TBD XXX</td>
<td></td>
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<tr>
<td>TBS XXX</td>
<td>Arts &amp; Humanities (AH) Heritage</td>
<td>3</td>
<td>TBD XXX</td>
<td></td>
</tr>
<tr>
<td>MAT 161</td>
<td>Statistics and Algebra</td>
<td>5</td>
<td>MAT 101 + MAT 102</td>
<td></td>
</tr>
<tr>
<td>MAT 206</td>
<td>Mathematics for Elementary and Middle School Teachers II</td>
<td>3</td>
<td>MAT 141</td>
<td></td>
</tr>
<tr>
<td>PSY 110</td>
<td>General Psychology (SB)</td>
<td>3</td>
<td>PSY 100</td>
<td></td>
</tr>
<tr>
<td>TBS XXX</td>
<td>Social &amp; Behavioral Sciences (SB) – not PSY</td>
<td>3</td>
<td>TBD XXX</td>
<td></td>
</tr>
<tr>
<td>BIO 112/113</td>
<td>Introduction to Biology and Introduction to Biology Laboratory</td>
<td>4</td>
<td>BIO 120/120L</td>
<td></td>
</tr>
<tr>
<td>CHE 120/125</td>
<td>Chemistry in Society with Lab</td>
<td>4</td>
<td>CHE 112/112L</td>
<td></td>
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</tbody>
</table>

**Subtotal General Education Core Courses**: 37

TBS XXX means to be selected by GCTC student.
TBD XXX means to be determined by NKU based on course selected.

For Social and Behavioral Sciences courses, two disciplines must be represented and different from those in the Arts and Humanities category.

### Category 2: GCTC AS Requirements

<table>
<thead>
<tr>
<th>GCTC Course</th>
<th>Course or Category</th>
<th>Credits</th>
<th>NKU Course</th>
<th>Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLY 101/111</td>
<td>Physical Geology and Physical Geology Laboratory</td>
<td>4</td>
<td>GLY 110</td>
<td></td>
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</table>

**Subtotal AS Requirement Courses**: 4

### Category 3: GCTC Electives

<table>
<thead>
<tr>
<th>GCTC Course</th>
<th>Course or Category</th>
<th>Credits</th>
<th>NKU Course</th>
<th>Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>FYE 105</td>
<td>Achieving Academic Success</td>
<td>3</td>
<td>UNV 100T</td>
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</tr>
<tr>
<td>EDP 202</td>
<td>Human Development and Learning</td>
<td>3</td>
<td>EDU 300</td>
<td></td>
</tr>
<tr>
<td>EDP 203</td>
<td>Teaching Exceptional Learners in Regular Classroom</td>
<td>3</td>
<td>EDS 360</td>
<td></td>
</tr>
<tr>
<td>EDU 201</td>
<td>Introduction to American Education</td>
<td>3</td>
<td>EDU 305</td>
<td></td>
</tr>
<tr>
<td>EDU 204</td>
<td>Technology in the Classroom</td>
<td>3</td>
<td>EDU 313</td>
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</table>
Degree Requirement: One course must be selected from the KCTCS identified Cultural Studies course list in the KCTCS catalog.

Northern Kentucky University

Category 4: NKU Major Requirements for BA in Middle Grades Education (Mathematics and Science Tracks)

<table>
<thead>
<tr>
<th>NKU Course</th>
<th>Course or Category</th>
<th>Credits</th>
<th>GCTC Course</th>
<th>Taken at GCTC</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 104</td>
<td>Orientation: Education Profession/Program</td>
<td>1</td>
<td></td>
<td></td>
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<tr>
<td>EDU 300</td>
<td>Human Growth and Development</td>
<td>3</td>
<td>EDP 202</td>
<td>x</td>
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<tr>
<td>EDU 304</td>
<td>Reading and Writing Across the Curriculum: Middle Grades</td>
<td>3</td>
<td></td>
<td></td>
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<tr>
<td>EDU 305</td>
<td>Introduction to Education</td>
<td>2</td>
<td>EDU 201</td>
<td>x</td>
</tr>
<tr>
<td>EDU 309</td>
<td>Admission Field Experience Middle Grades</td>
<td>2</td>
<td></td>
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<tr>
<td>EDU 313</td>
<td>Instructional Technology</td>
<td>2</td>
<td>EDU 204</td>
<td>x</td>
</tr>
<tr>
<td>EDU 316</td>
<td>Racism and Sexism in Educational Institutions</td>
<td>3</td>
<td></td>
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<tr>
<td>EDU 318</td>
<td>Classroom Climate Management: Middle School</td>
<td>2</td>
<td></td>
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<tr>
<td>EDU 343</td>
<td>Educational Assessment Middle Schools</td>
<td>2</td>
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<td>EDU 344</td>
<td>Fundamentals of Middle Grades Education</td>
<td>2</td>
<td></td>
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<tr>
<td>EDU 391</td>
<td>Middle Grades Field Experience I</td>
<td>2</td>
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<td>EDU 394</td>
<td>Middle Grades Field Experience II</td>
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<td>EDU 495</td>
<td>Clinical Experience Middle Grades</td>
<td>12</td>
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<tr>
<td>EDS 323</td>
<td>Instructional Planning for Inclusive Middle Level Classrooms</td>
<td>3</td>
<td>EDP 203</td>
<td>x</td>
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<tr>
<td>EDS 360</td>
<td>Students with Exceptionalities in Schools</td>
<td>3</td>
<td>PSY 110</td>
<td>x</td>
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<tr>
<td>PSY 100</td>
<td>Introduction to Psychology</td>
<td>3</td>
<td>COM 181</td>
<td>x</td>
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<tr>
<td>CMST 101</td>
<td>Public Speaking</td>
<td>3</td>
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<tr>
<td>ENG 102</td>
<td>Advanced College Writing</td>
<td>3</td>
<td>ENG 102</td>
<td>x</td>
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<tr>
<td>EDU 346</td>
<td>Methods courses:</td>
<td>6</td>
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<tr>
<td>EDU 347</td>
<td>Teaching Science in Middle Grades</td>
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<tr>
<td></td>
<td>Teaching Math in Middle Grades</td>
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<tr>
<td></td>
<td><strong>Mathematics Track</strong></td>
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<tr>
<td>MAT 110</td>
<td>Introduction to Probability</td>
<td>3</td>
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<tr>
<td>MAT 112</td>
<td>Applied Calculus</td>
<td>3</td>
<td>MAT 170</td>
<td>Option</td>
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<tr>
<td>MAT 116</td>
<td>Arithmetic Structures for Middle Grade Teachers</td>
<td>3</td>
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<tr>
<td>MAT 117</td>
<td>Algebra for Middle Grades Teachers</td>
<td>3</td>
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<tr>
<td>MAT 141</td>
<td>Geometry I for K-8 Teachers</td>
<td>3</td>
<td>MAT 206</td>
<td>x</td>
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<tr>
<td>NKU Course</td>
<td>Course</td>
<td>Credits</td>
<td>GCTC Course</td>
<td>Taken at GCTC</td>
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<tr>
<td>------------</td>
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<td>---------</td>
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<td>--------------</td>
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<tr>
<td>MAT 240</td>
<td>Geometry II for K-8 Teachers</td>
<td>3</td>
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<tr>
<td>STA 204</td>
<td>Statistics for Middle Grades Teachers</td>
<td>3</td>
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<tr>
<td>Select 1:</td>
<td>Select one course from the following:</td>
<td>3-4</td>
<td>MAT 165 or</td>
<td>Option</td>
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<tr>
<td>MAT 114</td>
<td>Finite Mathematics</td>
<td></td>
<td>MAT 171 or</td>
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<tr>
<td>MAT 119</td>
<td>Pre-Calculus Mathematics</td>
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<td>MAT 175</td>
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<tr>
<td>MAT 128</td>
<td>Calculus A</td>
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<tr>
<td>MAT 129</td>
<td>Calculus I</td>
<td></td>
<td></td>
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<tr>
<td>MAT 185</td>
<td>Introductory Discrete Mathematics</td>
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<tr>
<td>MAT 227</td>
<td>Calculus B</td>
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**Science Track**

<table>
<thead>
<tr>
<th>BIO 120/120L</th>
<th>Understanding the Living World</th>
<th>4</th>
<th>BIO 112/113</th>
<th>x</th>
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</thead>
<tbody>
<tr>
<td>CHE 112 and</td>
<td>Chemistry and Society</td>
<td>4</td>
<td>CHE 120/125</td>
<td>x</td>
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<tr>
<td>CHE 112L</td>
<td>Discovering Chemistry Laboratory</td>
<td></td>
<td></td>
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<tr>
<td>PHY 110</td>
<td>Introduction to Physics with Laboratory</td>
<td>4</td>
<td>PHY 151 +</td>
<td>Option</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>PHY 161 or</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>PHY 171</td>
<td></td>
</tr>
<tr>
<td>AST 110</td>
<td>Solar System Astronomy with Laboratory</td>
<td>4</td>
<td>AST 191 +</td>
<td>Option</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>AST 195</td>
<td></td>
</tr>
<tr>
<td>GLY 110</td>
<td>The Face of the Earth with Laboratory</td>
<td>4</td>
<td>GLY 101/111</td>
<td>X</td>
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<tr>
<td>Select 1:</td>
<td>Select one course from the following:</td>
<td>3-5</td>
<td>BIO 114/115</td>
<td>Option</td>
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<tr>
<td>BIO 150/150L</td>
<td>Introduction to Biology I with Lab</td>
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<td>BIO 116/117</td>
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<tr>
<td>BIO 151/151L</td>
<td>Introduction to Biology II with Lab</td>
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<td>BIO 137</td>
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<td>BIO 208/208L</td>
<td>Human Anatomy and Physiology I with Lab</td>
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<td>BIO 120</td>
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<td>BIO 123</td>
<td>Human Ecology</td>
<td></td>
<td>BIO 135</td>
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<tr>
<td>BIO 121/121L</td>
<td>Diseases and the Systems They Affect</td>
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<td>PHY 201/202</td>
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<td>SCI 110</td>
<td>Integrative Science</td>
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<tr>
<td>PHY 211</td>
<td>General Physics with Lab I</td>
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</tr>
<tr>
<td>PHY 213</td>
<td>General Physics with Lab II</td>
<td></td>
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</tr>
<tr>
<td>GLY 120/120L</td>
<td>This Dangerous Earth</td>
<td></td>
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<tr>
<td>GLY 115</td>
<td>History of the Earth</td>
<td></td>
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<tr>
<td>AST 115</td>
<td>Stars, Galaxies, and Cosmology with Laboratory</td>
<td></td>
<td>GLY 110/114</td>
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</table>

**Subtotal Major Credit Hours at NKU** 62-64

**Subtotal Major Credit Hours at GCTC** 44

**Total Major Credit Hours** 106-109

**Total Baccalaureate Degree Credit Hours** 125-127

EDU 309 is waived if student provides documentation of 50 hours of field experience in an education setting. If EDU 309 is waived, student must complete EDU 334: Portfolio Development (1 credit).

Updated December 2021