

# Gateway S.M.A.R.T. Plan

## Associate in Science: Pre-Education - Middle Grades

### Gateway 2NKU Pathways to Bachelor of Science in Middle Grades Education - Mathematics, Science and Special Education Tracks

Completion of the provided curriculum will satisfy the requirements for the Associate in Science degree at Gateway and leads to the Bachelor of Science in Middle Grades Education degree in the selected track (Mathematics, Science or Special Education) at NKU.

#### Degree requirements for KCTCS:

- Completion of minimum of 60 credit hours
- Minimum cumulative 2.0 GPA
- Minimum of 15 credit hours earned at Gateway
- Cultural Studies Course
- Demonstration of Digital Literacy (EDU 204)
- Completion of a College Success requirement

#### Degree requirements for NKU:

- Minimum of 45 credit hours must be 300 level or above
- Must meet the pre-requisites for each course
- Minimum of 20 percent of the total required hours must be taken at NKU

#### Admission requirements for NKU:

- Minimum cumulative 2.75 GPA
- Passing a criminal background check
- Minimum grade of B in CMST 101 (COM 181) and ENG 102
- Minimum grade of C in all other pre-admission courses and required EDU and EDS courses
- Minimum Praxis Core Academic Skills for Educators scores: Reading (5712) - 156; Writing (5722) - 162; Math (5732) - 150
- Completion of minimum of 60 credit hours
- Acceptable portfolio
- Completed application to Teacher Education program

#### Recommended Semester 1

Courses	Cr	Grade	Offered
EDU 204 Technology in the Classroom (meets digital literacy requirement)	3		All
ENG 101 Writing I	3		All
FYE 105 Achieving Academic Success	3		All
MAT 171 Pre-Calculus	5		All
PSY 110 General Psychology	3		All

#### Recommended Semester 2

Courses	Cr	Grade	Offered
Content Area - (refer to content area choices)	3-5		All
COM 181 Basic Public Speaking	3		All
EDU 201 An Introduction to American Education (requires 15 observation hours in schools)	3		All
ENG 102 Writing II	3		All



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General Education - Natural Sciences <b>or</b> Quantitative Reasoning (refer to content areas)	3-5		All
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### Recommended Semester 3

Courses	Cr	Grade	Offered
Content Area - (refer to content area choices)	3-5		All
Content Area - (refer to content area choices)	3-5		All
EDP 202 Human Development and Learning (requires 15 observation hours in schools)	3		All
General Education - Heritage	3		All
General Education - Natural Sciences <b>or</b> Quantitative Reasoning (refer to content areas)	3-5		All

### Recommended Semester 4

Courses	Cr	Grade	Offered
EDP 203 Teaching Exceptional Learners (requires 15 observation hours in K-12 schools)	3		All
General Education - Humanities	3		All
General Education - Natural Sciences <b>or</b> Quantitative Reasoning (refer to content areas)	3-5		All
General Education - Natural Sciences <b>or</b> Quantitative Reasoning (refer to content areas)	3-5		All
General Education - Social Behavioral Science (cannot be a PSY course)	3		All

### Content Areas by Concentration

Student select **two** content area tracks from the following: Mathematics, Science and Special Education. Please refer to the NKU Middle Grades pathway to view courses that may be taken at NKU through the Gateway2NKU program.

#### Mathematics

Courses	Cr	Grade	Offered
MAT 165 Finite Math <b>or</b> MAT 175 Calculus I	3-5		All
MAT 170 Applied Calculus	3		All
MAT 206 Math for Elementary Grade Teachers II	3		All

#### Science

Courses	Cr	Grade	Offered
AST 191 The Solar System	3		All
AST 195 The Solar System Laboratory	1		All
BIO 112 Understanding the Living World	3		All
BIO 113 Understanding the Living World Laboratory	1		All
GLY 101 Introduction to Geology	3		All
GLY 111 Introduction to Geology Laboratory	1		All
PHY 151 Introduction to Physics	3		All
PHY 161 Introduction to Physics Laboratory	1		All
Choose One: BIO 114 <b>and</b> BIO 115, BIO 120, BIO 135, BIO 137, GLY 110 <b>and</b> GLY 114 <b>or</b> PHY 201 <b>and</b> PHY 202	3-5		All

#### Special Education

Courses	Cr	Grade	Offered
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MAT 205 Mathematics for Elementary Grade Teachers I	3		All
MAT 206 Mathematics for Elementary Grade Teachers II	3		All

### Notes

- At least 25 percent of the approved curriculum for any certificate, diploma or degree must be completed at the student's home college.

Updated 5/7/20

