

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

Associate in Science: Pre-Education - Secondary Education

Gateway 2NKU Pathways to Bachelor of Science in Secondary Education - Biological Sciences, Chemistry and Mathematics Focus Areas

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 Secondary Education degree in the selected focus area (Biological Sciences, Chemistry or Math) 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 (rec. biological sciences track - MAT 161)	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
MAT 175 Calculus I (rec: biological sciences track - STA 251)	3-5		All



GATEWAY
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Recommended Semester 3

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

Minimum of 3 classes must be selected to receive degree. Additional classes will help fulfill Bachelor Degree requirements at NKU.

Biological Sciences

Courses	Cr	Grade	Offered
BIO 114 Biology I	3		All
BIO 115 Biology I Laboratory	1		All
BIO 116 Biology II	3		All
BIO 117 Biology II Laboratory	1		All
CHE 170 General College Chemistry I	4		All
CHE 175 General College Chemistry I Laboratory	1		All
CHE 180 General College Chemistry II	4		All
CHE 185 General College Chemistry II Laboratory	1		All
EST 150 Introductory Ecology	4		All
PHY 201 College Physics I	4		All
PHY 202 College Physics I Laboratory	1		All
PHY 203 College Physics II	4		All
PHY 204 College Physics II Laboratory	1		All

Chemistry

Courses	Cr	Grade	Offered
CHE 170 General College Chemistry I	4		All
CHE 175 General College Chemistry I Laboratory	1		All
CHE 180 General College Chemistry II	4		All
CHE 185 General College Chemistry II Laboratory	1		All
CHE 270 Organic Chemistry I	4		All
CHE 275 Organic Chemistry I Laboratory	1		All



CHE 280 Organic Chemistry II	4		All
CHE 285 Organic Chemistry II Laboratory	1		All
PHY 201 College Physics I	4		All
PHY 202 College Physics I Laboratory	1		All
PHY 203 College Physics II	4		All
PHY 204 College Physics II Laboratory	1		All

Mathematics

Courses	Cr	Grade	Offered
CIT 238 Android Programming I	3		All
MAT 185 Calculus II	5		All
MAT 275 Calculus III	4		All
MAT 285 Differential Equations	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

