

## Associate of Science in Secondary Education – Mathematics (TSAP) To Bachelor of Science in Mathematics with Secondary Education

### ***Overview***

Completion of the following curriculum will satisfy the requirements for the Associate of Science (AS) in Secondary Education – Mathematics (TSAP) degree at Ivy Tech Community College (ITCC) and leads to the Bachelor of Science (BS) in Mathematics with Secondary Education degree at Northern Kentucky (NKU) University.

### ***Applying to the IvyTech2NKU Program***

Students can apply to participate in the pathway program by completing the online application on the NKU transfer site. To be eligible for the degree, attain a minimum GPA of 2.0 in the required general education courses.

Students must meet the following requirements for admission into Education. (Courses in Ivy Tech course equivalents)

- A minimum grade of "C" in all other pre





Students must complete the following courses for a major in Secondary Education.

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Students must complete the following courses for a major in Mathematics.

MAT 129	Calculus I	4	MATH 211	x
MAT 229	Calculus II	5-6	MATH 212	x
MAT 329	Calculus III	4	MATH 261	x
MAT 234	Linear Algebra	3	MATH 265	x
STA 250	Probability and Statistics	3		
MAT 489	Comprehensive Examination	0		
CSC 270 or CSC 260	Mathematics Software Programming or Object-Oriented Programming	3		
MAT 302	Introduction to Higher Mathematics	3		
MAT 345	Introduction to Higher Geometry	3		
STA 341	Statistics II	3		

Select 2:  
 MAT 310  
 MAT 410  
 MAT 415