



## BACHELOR OF SCIENCE IN SKYTEACH MATH

*KCTCS transfer plan*

### ***KCTCS AS General Education***

<b>Course</b>	<b>Course Title</b>	<b>Semester Hours</b>
<b>ENG101</b>	Intro to College Writing I	3
<b>ENG102</b>	Writing in the Disciplines II	3
<b>COM181</b>	Public Speaking	3
<b>Heritage</b>	Choose <u>one</u> course from this category	3
<b>Humanities</b>	Choose <u>one</u> course from this category	3
<b>PSY110</b>	Intro to Psychology	3
<b>Social and Behavioral Science</b>	Choose <u>one</u> courses from this category other than PSY	3
<b>Natural Science with Lab</b>	Choose <u>one</u> course from this category	4
<b>Natural Science</b>	Choose <u>one</u> course from this category	3
<b>MAT150</b>	College Algebra	3
<b>MAT174 or MAT175</b>	Calculus I	4/5
<b>MAT155</b>	Trigonometry	3
<b>STA220</b>	Statistics	3
<b>MAT206</b>	Math Elem/Middle School Teach II	3
	<b>TOTAL</b>	<b>44/45</b>

### ***Additional KCTCS Classes Required for this Major***

<b>EDU204 or CIT105</b>	Technology in the Classroom/Intro to Computers	3
<b>MAT205</b>	Math Elem/Middle School Teach I	3
<b>Free Elective</b>	Student Choice	12
	<b>TOTAL</b>	<b>18</b>

### **WKU Classes Required for this Major**

<b>MATH302</b>	Introduction to Advance Math Middle Grade Teacher	3
<b>MATH304</b>	Functions, Applications and Explorations	3
<b>MATH308</b>	Rational Numbers/Data for Teachers	3
<b>MATH403</b>	Geometry for Elem/Middle School Teachers	3
<b>MATH411</b>	Problem Solving for Elem/Middle School Teachers	3
<b>MATH413</b>	Algebra and Technology for Middle School Teachers	3
<b>MATH490</b>	Seminar in Middle Grades Mathematics	3
<b>LTCY421</b>	Reading Middle/Secondary Grade	3
<b>SPED330</b>	Introduction to Exceptional Education	3
<b>SMED301</b>	Inquiry-Based Unit Design	3
<b>SMED310</b>	Knowing and Learning in Math/Science	3
<b>SMED320</b>	Classroom Interactions	3
<b>SMED340</b>	Perspectives on Mathematics and Sciences	3
<b>SMED360</b>	Research Methods for Math and Science Teachers	3
<b>SMED470</b>	Project-Based Instruction	3
<b>SMED489</b>	SMED Student Teaching Seminar	3
<b>MGE490</b>	Student Teaching	10
	<b>TOTAL</b>	<b>58</b>
	<b>TOTAL PROGRAM HOURS</b>	<b>120</b>

### **Program Notes**

Orientation for Admission to Professional Education (Teacher Education) is required during SMED301.

A grade of "C" or better in all required courses and 2.75 GPA overall required in mathematics courses

To make an advising appointment:

WKU in Elizabethtown go to [wkuadvising.as.me](http://wkuadvising.as.me)

WKU in Glasgow go to [wkug.as.me](http://wkug.as.me)

WKU in Owensboro go to [wkuo.as.me](http://wkuo.as.me)

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