



# BACHELOR OF Science IN CIVIL ENGINEERING

*KCTCS transfer plan*

## ***KCTCS AS (Pre-Engineering Curriculum)***

<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>Oral Communications</b>	Choose <u>one</u> course from this category	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>Social and Behavioral Science</b>	Choose <u>one</u> courses from this category other than SOC	3
<b>ECO 202</b>	Principals of Macroeconomics	3
<b>CHE 170</b>	General College Chemistry I	4
<b>CHE 175</b>	General College Chemistry Lab I	1
<b>MAT 175</b>	Calculus I	5
<b>MAT 185</b>	Calculus II	5
<b>MAT 275</b>	Calculus III	4
<b>MAT 285</b>	Differential Equations	3
<b>PHY 231</b>	General University Physics I	4
<b>PHY 232</b>	General University Physics II	4
<b>PHY 241</b>	General University Physics I Lab	1
<b>PHY 242</b>	General University Physics II Lab	1
<b>ELT 103</b>	Intro to Engineering	3

<b>EM 221</b>	Statics	3
<b>CAD 100(2)</b>	Intro to Computer-Aided Design	3
<b>FYE 110 or Equivalent Course</b>		3
	<b>TOTAL</b>	65

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

<b>GEOL 111</b>	The Earth	3
<b>GEOL 113</b>	The Earth Lab	1
<b>Core Components</b>	CE 160, CE 161, CE 303, CE 305, CE 310, CE 316, CE 332, CE 342, CE 352, CE 370, CE 371, CE 382, CE 384, CE 410, CE 411, CE 412, CE 461, EM 303, ENGR 490, ENGR 491	51
<b>CE Technical Electives</b>		9
	<b>Total</b>	64

**TOTAL PROGRAM HOURS** 129

**Program Notes:** Barring unexpected issues, it is anticipated that students entering WKU in a fall semester with a KCTCS Associates in Science (Pre-engineering, Civil Engineering track) can reasonably plan to complete a BSCE within two additional years (Based on prerequisite flow, typical offerings, and preferred course order).

Last updated 8-6-21