



## Transfer Guide

### Associate in Arts – Liberal Arts & Sciences BS-Earth and Environmental Science *Physical Geography Emphasis*



KCKCC—Fall Semester 1	Hrs	KCKCC—Spring Semester 1	Hrs	KCKCC—Summer Semester 1	Hrs
BIOL 131/132 Environmental Science/Lab OR NASC 186 Physical Geology/Lab	4-5	CHEM 111 College Chemistry I/Lab	5		
ENGL 101 Composition I	3	ENGL 102 Composition II	3		
MATH 108 Precalculus	5	Social Science Course <sup>^</sup>	3		
Humanities Course <sup>*</sup>	3	MATH 122 Calculus I	5		
BLUE 101 Freshman Seminar	1				
<b>16-17</b>		<b>16</b>			

KCKCC—Fall Semester 2	Hrs	KCKCC—Spring Semester 2	Hrs	KCKCC—Summer Semester 2	Hrs
CHEM 112 College Chemistry II/Lab	5	NASC 231 General Physics II OR BIOL 225 Diversity of Organisms <sup>**</sup>	5		
SPCH 151 Public Speaking <b>OR</b> SPCH 201 Interpersonal Communication	3	Humanities Course <sup>*</sup>	3		
NASC 231 General Physics I OR BIOL 135 Cellular and Molecular Biology <sup>**</sup>	4-5	Social Science Course <sup>^</sup>	3		
General Elective	3	General Elective	3		
		General Elective (if needed)	3		
<b>14-15</b>		<b>16</b>			

UMKC—Fall Semester 3	Hrs	UMKC—Spring Semester 3	Hrs	UMKC—Summer Semester 3	Hrs
GEOG 203 Introduction to Geographic Information Systems	4	GEOG 215 Weather and Climate	4		
GEOLOGY 250L Field Methods in Earth and Environmental Science	3	GEOG 402 Environmental Remote Sensing and Digital Image Analysis	4		
GEOG 314 Geomorphology <b>OR</b> GEOG 360 Biogeography	4	GEOG Major Elective 300/400	3		
General Elective	3	General Elective 300/400 level	3		
<b>14</b>		<b>14</b>			

UMKC—Fall Semester 4	Hrs	UMKC—Spring Semester 4	Hrs	UMKC—Summer Semester 4	Hrs
GEOG 444 Spatial Data Analysis	4	ENV-STDY 499WI Env Stud Practicum	3		
GEOG 401 Advanced Geographic Information Science	4	GEOG 406 Global Environmental Change <b>OR</b> ENV-SCI 449 Global Water and Sustainability	3		
GEOG Major Elective 300/400 level	3	GEOG Major Elective 300/400	3		
ENV-STDY 325 Cultural Perspectives on the Environment	3	General Elective 300/400 level	3		
		General Elective (if needed)	3		
<b>14</b>		<b>15</b>			

<sup>\*</sup>Students must take 6 hours from two different disciplines: Art/Humanities, History, Literature, Music, Philosophy or Theater, excluding performance courses.

<sup>^</sup>Students must take 6 hours from two different disciplines: Anthropology, Economics, Geography, Political Science, Psychology or Sociology.

<sup>\*\*</sup>Complete either the Biology or Physics two-semester course sequence.

UMKC School of Science & Engineering · SS&C Student Services Center  
336 Flarsheim Hall · 5110 Rockhill Road  
816-235-2399 · sse@umkc.edu · sse.umkc.edu

Kansas City Kansas Community College  
7250 State Ave | Kansas City, Kansas 66112 | 913-334-1100  
advising@kckcc.edu or 913-288-7696 | kckcc.edu