



Transfer Guide

Associate in Arts – Liberal Arts & Sciences

BS-Biology



| KCKCC—Fall Semester 1 | Hrs | KCKCC—Spring Semester 1 | Hrs | KCKCC—Summer Semester 1 | Hrs |
|-----------------------------------|-----------|----------------------------------|-----------|-------------------------|-----|
| BIOL 135 Cell & Molecular Biology | 4 | BIOL 225 Diversity of Organisms | 5 | | |
| BLUE 101 Freshman Seminar | 1 | CHEM 111 College Chemistry I/Lab | 5 | | |
| ENGL 101 Composition I | 3 | Humanities Course* | 3 | | |
| MATH 108 Precalculus Math | 5 | ENG 102 Composition II | 3 | | |
| | | | | | |
| | 13 | | 16 | | |

| KCKCC—Fall Semester 2 | Hrs | KCKCC—Spring Semester 2 | Hrs | KCKCC—Summer Semester 2 | Hrs |
|--|-----------|--------------------------------------|-----------|-------------------------|-----|
| COMS 151 Public Speaking OR COMS 201 Interpersonal Communication | 3 | Social Science Course [^] | 3 | | |
| BIOL 240 Intro to Genetics | 4 | MATH 122 Calculus & Analytical Geo I | 3 | | |
| CHEM 112 College Chemistry II/Lab | 5 | Foreign Language Requirement** | 5 | | |
| Social Science Course [^] | 3 | Humanities Course* | 3 | | |
| | | Elective | 2 | | |
| | 15 | | 16 | | |

| UMKC—Fall Semester 3 | Hrs | UMKC—Spring Semester 3 | Hrs | UMKC—Summer Semester 3 | Hrs |
|---|--------------|--|--------------|------------------------|-----|
| CHEM 321/321L Organic Chemistry I/Lab | 4 | CHEM 322R/322L Organic Chemistry II/Lab | 4 | | |
| PHYSICS 210 General Physics I OR PHYSICS 240 Physics for Sci & Eng I | 4-5 | PHYSICS 220 General Physics II OR PHYSICS 250 Physics for Sci & Eng II | 4-5 | | |
| BIOLOGY 250 Careers/Bio & Chem Sci OR LIFE-SCI 201 Careers in Health I | 1 | BIOLOGY 202 Cell Biology | 3 | | |
| BIOLOGY 300/400 Major Elective | 3 | BIOLOGY 300/400 Major Elective | 3 | | |
| MATH 220 Calculus II OR STAT 235 Elementary Statistics OR BIOLOGY 304 Biostatistics 1 | 3-4 | | | | |
| | 15-17 | | 14-15 | | |

| UMKC—Fall Semester 4 | Hrs | UMKC—Spring Semester 4 | Hrs | UMKC—Summer Semester 4 | Hrs |
|---|-----------|--------------------------------|-----------|------------------------|-----|
| BIOLOGY 498WI Crit Analysis/Bio Iss OR LIFE-SCI 497 Directed Studies-Bio Sci OR LIFE-SCI 499 Ugrad Research-Bio Sci | 3 | BIOLOGY 300/400 Major Elective | 3 | | |
| BIOLOGY 300/400 Major Laboratory Elective | 3 | BIOLOGY 300/400 Major Elective | 3 | | |
| BIOLOGY 441 Biochemistry | 3 | BIOLOGY 300/400 Major Elective | 1 | | |
| General Elective 300/400 level | 3 | General Elective | 3 | | |
| General Elective 300/400 level | 3 | Biology Lab Elective | 2 | | |
| | | General Elective (if needed) | 4 | | |
| | 15 | | 16 | | |

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

[^]Students must take 6 hours from two different disciplines: Anthropology, Economics, Geography, Political Science, Psychology or Sociology.

**Required for AA in Liberal Arts & Sciences Degree at KCKCC.

❖ Please note BIOL 135 Cell & Molecular Biology at KCKCC and BIOLOGY 202 Cell Biology at UMKC are not the same course.

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