## COMPUTER INFORMATION SYSTEMS –
TRANSFER CAREER PATHWAY MAP

### RECOMMENDED COURSE SEQUENCE

<table>
<thead>
<tr>
<th>GEN ED AREA (shown on page 2)</th>
<th>SEMESTERS OFFERED</th>
<th>MY PLAN (Semester and Year)</th>
<th>CREDIT HOURS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1.</strong> ENGL 1301 Composition I</td>
<td>Core Comm !</td>
<td>F, SP, SU</td>
<td>3</td>
</tr>
<tr>
<td><strong>2.</strong> BCIS 1305 Bus Computer Appl</td>
<td>Core Comp 2 &lt;</td>
<td>F, SP, SU</td>
<td>3</td>
</tr>
<tr>
<td><strong>3.</strong> GEOL 1301 Earth Sciences *</td>
<td>Core Science #</td>
<td>F, SP, SU</td>
<td>3</td>
</tr>
<tr>
<td><strong>4.</strong> HIST 1301 US History I</td>
<td>Core History %</td>
<td>F, SP, SU</td>
<td>3</td>
</tr>
<tr>
<td><strong>5.</strong> SPCH 1315 Public Speaking *</td>
<td>Core Comp 1 &amp;</td>
<td>F, SP, SU</td>
<td>3</td>
</tr>
<tr>
<td><strong>6.</strong> ENGL 1302 Composition II *</td>
<td>Core Comm !</td>
<td>F, SP, SU</td>
<td>3</td>
</tr>
<tr>
<td><strong>7.</strong> MATH 1314 or MATH 1324</td>
<td>Core Math @</td>
<td>F, SP, SU</td>
<td>3</td>
</tr>
<tr>
<td><strong>8.</strong> BIOL 1408 Bio/Non-Sci Majors *</td>
<td>Core Science #</td>
<td>F, SP, SU</td>
<td>4</td>
</tr>
<tr>
<td><strong>9.</strong> HIST 1302 US History II</td>
<td>Core History %</td>
<td>F, SP, SU</td>
<td>3</td>
</tr>
<tr>
<td><strong>10.</strong> PHIL 1301 Intro to Philosophy *</td>
<td>Core LP&amp;C $</td>
<td>F, SP, SU</td>
<td>3</td>
</tr>
<tr>
<td><strong>11.</strong> ACCT 2301 Financial Acctng</td>
<td>F, SP, SU</td>
<td>3</td>
<td></td>
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<tr>
<td><strong>12.</strong> COSC 1436 Programming I</td>
<td>F, SP, SU</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td><strong>13.</strong> ECON 2301 Macroeconomics</td>
<td>Core S&amp;B /</td>
<td>F, SP, SU</td>
<td>3</td>
</tr>
<tr>
<td><strong>14.</strong> GOVT 2305 Federal Government</td>
<td>Core Govt ^</td>
<td>F, SP, SU</td>
<td>3</td>
</tr>
<tr>
<td><strong>15.</strong> MUSI 1306 Music Appreciation *</td>
<td>Core Arts +</td>
<td>F, SP, SU</td>
<td>3</td>
</tr>
<tr>
<td><strong>16.</strong> ACCT 2302 Managerial Acctng</td>
<td>F, SP, SU</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>17.</strong> COSC 1437 Programming II</td>
<td>F, SP, SU</td>
<td>4</td>
<td></td>
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<tr>
<td><strong>18.</strong> ECON 2302 Microeconomics</td>
<td>F, SP, SU</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>19.</strong> GOVT 2306 Texas Government</td>
<td>Core Govt ^</td>
<td>F, SP, SU</td>
<td>3</td>
</tr>
</tbody>
</table>

### *** ASSOCIATE OF ARTS DEGREE EARNED ***

Note: Check with the Office of Financial Aid as aid may not be available beyond degree completion and/or 60 hours.

### CAREER OPPORTUNITIES

**Career Options:** Computer Systems Analysts  
**Salary Information:** Computer Systems Analysts

### ADVANCED DEGREES/CREDENTIAL OPPORTUNITIES

Bachelor’s Degree in Computer Information Systems  
Bachelor’s Degree in Management Information Systems

### LINKS TO COLLEGES AND PROFESSIONAL ORGANIZATIONS

University of Texas @ Tyler: [https://www.uttyler.edu/computer-science/undergraduate/bs-computer-information-systems/](https://www.uttyler.edu/computer-science/undergraduate/bs-computer-information-systems/)  
Stephen F. Austin University: [https://www.sfasu.edu/academics/colleges/sciences-math/computer-science/academics/computer-information-systems](https://www.sfasu.edu/academics/colleges/sciences-math/computer-science/academics/computer-information-systems)

### CONTACT INFORMATION (Click link for KC Digital Map)

<table>
<thead>
<tr>
<th>Dr. Ginger Dennis</th>
<th>Mark Stephens</th>
<th>Michael Henry</th>
<th>Jaime Delgado</th>
</tr>
</thead>
<tbody>
<tr>
<td>Department Chair</td>
<td>CIT Instructor</td>
<td>Academic Advisor</td>
<td>Academic Advisor</td>
</tr>
<tr>
<td>BLDG #24, Rm 205-C</td>
<td>BLDG #24, Rm 128-B</td>
<td>LGVW BLDG #1, Rm 100-B</td>
<td>BLDG #24, Rm 202</td>
</tr>
<tr>
<td>903-988-3722</td>
<td>903-983-8139</td>
<td>903-236-2032</td>
<td>903-988-3714</td>
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</tr>
</tbody>
</table>

**Revised March 2023**
Kilgore College Core Curriculum

I Communication (6 hours)
ENGL 1301 (T) - Composition I AND
ENGL 1302 (T) - Composition II OR
ENGL 2311 (T) - Technical and Business Writing

@ Mathematics (3 hours)
MATH 1314 (T) - College Algebra
MATH 1316 - Plane Trigonometry
MATH 1324 (T) - Mathematics for Business and Social Sciences
MATH 1325 (T) - Calculus for Business and Social Sciences
MATH 1332 (T) - Contemporary Mathematics
MATH 1342 (T) - Elementary Statistical Methods
MATH 1350 (T) - Mathematics for Teachers I
MATH 2412 (T) - Pre-Calculus Math
MATH 2413 (T) - Calculus I
MATH 2414 (T) - Calculus II
MATH 2415 (T) - Calculus III

# Life and Physical Sciences (6 hours)
BIOL 1406 (T) - Biology for Science Majors I
BIOL 1407 (T) - Biology for Science Majors II
BIOL 1408 (T) - Biology for Non-Science Majors I
BIOL 1409 (T) - Biology for Non-Science Majors II
BIOL 2401 (T) - Human Anatomy and Physiology I
BIOL 2402 (T) - Human Anatomy and Physiology II
BIOL 2404 (T) - Anatomy & Physiology
BIOL 2406 (T) - Environmental Biology
ENVR 1401 (T) - Environmental Science I
CHEM 1405 (T) - Introductory Chemistry I
CHEM 1406 (T) - Introductory Chemistry I (allied health emphasis)
CHEM 1411 (T) - General Chemistry I
CHEM 1412 (T) - General Chemistry II
GEOL 1301 (T) - Earth Sciences for Non-Science Majors I (lecture only)
GEOL 1403 (T) - Physical Geology
GEOL 1404 (T) - Historical Geology
GEOL 1405 (T) - Environmental Science
PHYS 1303 (T) - Stars and Galaxies (lecture only)
PHYS 1401 (T) - College Physics I
PHYS 1402 (T) - College Physics II
PHYS 1403
PHYS 1404 (T) - Solar System
PHYS 1405 (T) - Elementary Physics I
PHYS 2425 (T) - University Physics I
PHYS 2426 (T) - University Physics II

$ Language, Philosophy & Culture (3 hours)
ENGL 2322 (T) - British Literature I
ENGL 2323 (T) - British Literature II
ENGL 2326 (T) - American Literature
ENGL 2332 (T) - World Literature I
ENGL 2333 (T) - World Literature II
HIST 2311 (T) - Western Civilization I
HIST 2312 (T) - Western Civilization II
HIST 2321 (T) - World Civilizations I
HIST 2322 (T) - World Civilizations II
PHIL 1301 (T) - Introduction to Philosophy
PHIL 2306 (T) - Introduction to Ethics

% American History (6 hours)
HIST 1301 (T) - United States History I
HIST 1302 (T) - United States History II

^ Government/Political Science (6 hours)
GOVT 2305 (T) - Federal Government
GOVT 2306 (T) - Texas Government

& Component Area Option 1 (3 hours)
SPCH 1315 (T) - Public Speaking
SPCH 1318 (T) - Interpersonal Communication

+ Creative Arts (3 hours)
ARTS 1301 (T) - Art Appreciation
ARTS 1303 (T) - Art History I
ARTS 1304 (T) - Art History II
DANC 2303 (T) - Dance Appreciation
DRAM 1310 (T) - Theatre Appreciation
DRAM 2362
MUSI 1306 (T) - Music Appreciation
MUSI 1307 (T) - Music Literature

/ Social and Behavioral Sciences (3 hours)
ECON 2301 (T) - Principles of Macroeconomics
ECON 2302 (T) - Principles of Microeconomics
GEOG 1303 (T) - World Regional Geography
PSYC 2301 (T) - General Psychology
PSYC 2314 (T) - Lifespan Growth and Development
SOCI 1301 (T) - Introductory Sociology
SOCI 1306 (T) - Social Problems
TECA 1354 (T) - Child Growth and Development

< Component Area Option 2 (3 hours)
Any additional course listed in the core curriculum above or BCIS 1305 or MATH 1351 or EDUC 1300

Revised March 2023