



# UNTA/UNTS - STEM (UNIVERSITY TRANSFER) CAREER PATHWAY MAP

| ✓                                                                                                                  | RECOMMENDED COURSE SEQUENCE                            | Core Area shown on page 2         | SEMESTERS OFFERED | MY PLAN (Semester and Year) | CREDIT HOURS                        |
|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|-----------------------------------|-------------------|-----------------------------|-------------------------------------|
| <input type="checkbox"/>                                                                                           | 1. ENGL 1301 Comp I                                    | <a href="#">Core Comm !</a>       | F, Sp, Su         |                             | 3                                   |
| <input type="checkbox"/>                                                                                           | 2. HIST 1301 US History I                              | <a href="#">Core History %</a>    | F, Sp, Su         |                             | 3                                   |
| <input type="checkbox"/>                                                                                           | 3. SPCH 1315 Public Speaking                           | <a href="#">Core Comp 1 &amp;</a> | F, Sp, Su         |                             | 3                                   |
| <input type="checkbox"/>                                                                                           | 4. DRAM 1310 OR MUSI 1306 OR ARTS 1301 *               | <a href="#">Core Arts +</a>       | F, Sp, Su         |                             | 3                                   |
| <input type="checkbox"/>                                                                                           | 5. MATH 2412 Pre-Calculus**                            | <a href="#">Core Math @</a>       | F, Sp, Su         |                             | 4                                   |
|                                                                                                                    |                                                        |                                   |                   |                             | 16 hours                            |
| <input type="checkbox"/>                                                                                           | 6. ENGL 1302 OR ENGL 2311                              | <a href="#">Core Comm !</a>       | F, Sp, Su         |                             | 3                                   |
| <input type="checkbox"/>                                                                                           | 7. HIST 1302 US History II                             | <a href="#">Core History %</a>    | F, Sp, Su         |                             | 3                                   |
| <input type="checkbox"/>                                                                                           | 8. MATH 2413 Calculus I                                | <a href="#">Core Math @</a>       | F, Sp, Su         |                             | 4                                   |
| <input type="checkbox"/>                                                                                           | 9. CHEM 1411 OR BIOL 1406 OR GEOL 1405 *               | <a href="#">Core Science #</a>    | F, Sp, Su         |                             | 4                                   |
| <input type="checkbox"/>                                                                                           | 10. GOVT 2305 Federal Govt.                            | <a href="#">Core Govt ^</a>       | F, Sp, Su         |                             | 3                                   |
|                                                                                                                    |                                                        |                                   |                   |                             | 33 hours                            |
| <input type="checkbox"/>                                                                                           | 11. GOVT 2306 Texas Govt.                              | <a href="#">Core Govt ^</a>       | F, Sp, Su         |                             | 3                                   |
| <input type="checkbox"/>                                                                                           | 12. CHEM 1412 OR BIOL 1407 OR PHYS 2425 OR PHYS 1401 * | <a href="#">Core Science #</a>    | F, Sp, Su         |                             | 4                                   |
| <input type="checkbox"/>                                                                                           | 13. PHIL 2306 OR HIST 2311 OR ENGL 2326 *              | <a href="#">Core LP&amp;C \$</a>  | F, Sp, Su         |                             | 3                                   |
| <input type="checkbox"/>                                                                                           | 14. MATH 2414 Calculus II*                             | <a href="#">Core Comp 2 &lt;</a>  | F, Sp             |                             | 4                                   |
| <input type="checkbox"/>                                                                                           | 15. ECON 2301 OR PSYC 2301 *                           | <a href="#">Core S&amp;B /</a>    | F, Sp, Su         |                             | 3                                   |
|                                                                                                                    |                                                        |                                   |                   |                             | 50 hours                            |
| <input type="checkbox"/>                                                                                           | 16. PHYS 2426 OR PHYS 1402 *                           | <a href="#">Core Science #</a>    | F, Sp, Su         |                             | 4                                   |
| <input type="checkbox"/>                                                                                           | 17. Approved Elective ***                              |                                   |                   |                             | 3 or 4                              |
| <input type="checkbox"/>                                                                                           | 18. Approved Elective ***                              |                                   |                   |                             | 3 or 4                              |
| <input type="checkbox"/>                                                                                           | 19. Approved Elective ***                              |                                   |                   |                             | 3 or 4                              |
| <input type="checkbox"/>                                                                                           | 20. Approved Elective ***                              |                                   |                   |                             | 3 or 4                              |
| **** ASSOCIATE OF SCIENCE DEGREE EARNED ****                                                                       |                                                        |                                   |                   |                             | At least 60 hours needed for Degree |
| NOTE: Check with the Office of Financial Aid as aid may not be available beyond degree completion and/or 60 hours. |                                                        |                                   |                   |                             |                                     |

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

Kilgore College Advising  
Email: [advising@kilgore.edu](mailto:advising@kilgore.edu)  
Webpage: [Academic Advising](#)



Stephanie Arriola  
Academic Advisor  
BLDG #10, Room 221  
903-983-8228  
[sarriola@kilgore.edu](mailto:sarriola@kilgore.edu)

## READ ALL NOTES CAREFULLY:

- Courses in **bold** have a pre-requisite (previous course required). See [Catalog](#)
  - Courses in *italics* can be taken in any order.
  - ENGL 1301 and the first MATH class may require a co-requisite and/or developmental course depending on TSI Scores.
  - Refer to [KC Catalog](#) for Field of Study and Degree Requirements.
- \* Refer to Core Curriculum and KC Catalog for all possible course options.
- \*\* MATH 1314 (College Algebra) is a pre-requisite for this course. Approval from math department chair is needed to begin in MATH 2412.
- \*\*\* Electives should be chosen based on major and consultation with academic advisor.

## Kilgore College Core Curriculum

### **! 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](#)

### **+ 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](#)

[DRAM 2366 \(T\) - Film Appreciation](#)

[MUSI 1306 \(T\) - Music Appreciation](#)

[MUSI 1307 \(T\) - Music Literature](#)

### **% 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](#)

### **/ 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 1 (3 hours)**

[SPCH 1315 \(T\) - Public Speaking](#)

[SPCH 1318 \(T\) - Interpersonal Communication](#)

### **< Component Area Option 2 (3 hours)**

Any additional course listed in the core curriculum above or [BCIS 1305](#) or [MATH 1351](#) or [EDUC 1300](#)