## UNTA/UNTS - BIOLOGY
### CAREER PATHWAY MAP

<table>
<thead>
<tr>
<th></th>
<th>RECOMMENDED COURSE SEQUENCE</th>
<th>Core 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>1</td>
<td>1. ENGL 1301 Comp I</td>
<td>Core Comm !</td>
<td>F, Sp, Su</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>2</td>
<td>2. MATH 2412 Pre-Calculus **</td>
<td>Core Math @</td>
<td>F, Sp, Su</td>
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<td>4</td>
</tr>
<tr>
<td>3</td>
<td>3. HIST 1301 US History I</td>
<td>Core History %</td>
<td>F, Sp, Su</td>
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<td>3</td>
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<tr>
<td>4</td>
<td>4. ARTS 1301 OR DRAM 2366 *</td>
<td>Core Arts +</td>
<td>F, Sp, Su</td>
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<td>3</td>
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<tr>
<td></td>
<td>5. ENGL 1302 Comp II *</td>
<td>Core Comm !</td>
<td>F, Sp, Su</td>
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<td></td>
<td>6. MATH 2413 Calculus I</td>
<td>Core Math @</td>
<td>F, Sp, Su</td>
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<tr>
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<td>7. HIST 1302 US History II</td>
<td>Core History %</td>
<td>F, Sp, Su</td>
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<td>3</td>
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<tr>
<td></td>
<td>8. PHYS 1401 OR PHYS 2425</td>
<td>Core Comp 2 &lt;</td>
<td>F, Sp, Su</td>
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<tr>
<td></td>
<td>9. SPCH 1315 Public Speaking *</td>
<td>Core Comp 1 &amp;</td>
<td>F, Sp, Su</td>
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<td>3</td>
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<tr>
<td></td>
<td>10. PHYS 1402 OR PHYS 2426</td>
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<td>F, Sp, Su</td>
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<td></td>
<td>11. GOVT 2305 Federal Govt.</td>
<td>Core Govt ^</td>
<td>F, Sp, Su</td>
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<tr>
<td></td>
<td>12. CHEM 1411 Gen. Chemistry I</td>
<td>Core Science #</td>
<td>F, Sp, Su</td>
<td></td>
<td>4</td>
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<tr>
<td></td>
<td>13. BIOL 1406 Bio for Majors I</td>
<td>Core Science #</td>
<td>F, Sp, Su</td>
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<tr>
<td></td>
<td>14. PSYC 2301 OR PSYC 2314 *</td>
<td>Core S&amp;B /</td>
<td>F, Sp, Su</td>
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<tr>
<td></td>
<td>15. GOVT 2306 Texas Govt.</td>
<td>Core Govt ^</td>
<td>F, Sp, Su</td>
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<tr>
<td></td>
<td>16. CHEM 1412 Gen. Chemistry II</td>
<td>Core Science #</td>
<td>F, Sp, Su</td>
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<td>17. BIOL 1407 Bio for Majors II</td>
<td>Core Science #</td>
<td>F, Sp, Su</td>
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<td>18. HIST 2321 OR PHIL 1301*</td>
<td>Core LP&amp;C S</td>
<td>F, Sp, Su</td>
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<td>19. MATH 1342 Statistics</td>
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<td>F, Sp, Su</td>
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</tbody>
</table>

** III ASSOCIATE OF SCIENCE DEGREE EARNED ***

62 hours

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

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### CAREER OPPORTUNITIES

**Career Options:** [https://www.thebalancecareers.com/top-jobs-for-biology-majors-2059884](https://www.thebalancecareers.com/top-jobs-for-biology-majors-2059884)

**Salary Information:** [https://www.payscale.com/research/US/Degree=Bachelor_of_Science_%2F_BSc%2C_Biology/Salary](https://www.payscale.com/research/US/Degree=Bachelor_of_Science_%2F_BSc%2C_Biology/Salary)

### ADVANCED DEGREES/CREDENTIAL OPPORTUNITIES:

Bachelor’s, Master’s, and PhD. in Biology, Wildlife Management, Agriculture, Ecology, Pre-Medicine, Pre-Dentistry

### LINKS TO COLLEGES AND PROFESSIONAL ORGANIZATIONS:

- Stephen F. Austin State University Department of Biology: [https://www.sfasu.edu/academics/colleges/sciences-math/biology](https://www.sfasu.edu/academics/colleges/sciences-math/biology)
- University of Texas at Tyler Department of Biology: [https://www.uttyler.edu/biology/](https://www.uttyler.edu/biology/)

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

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**Revised March 2022**
# 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
- 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
- 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

## 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

## 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 2022