LIST OF COURSES
Creative Arts Core *
BIOL 1306/1106 - Majors Biology I/lab
BIOL 1307/1107 - Majors Biology II/lab
CHEM 1311/1111 - General Chemistry I/lab
CHEM 1312/1112 - General Chemistry II/lab
CHEM 2323/2123 - Organic Chemistry I/lab
CHEM 2325/2125 - Organic Chemistry II/lab
ENGL 1301 - Comp. I
ENGL 1302 - Comp. II

Language, Philosophy, Culture Core **
GOVT 2305 - Federal Government
GOVT 2306 - Texas Government
HIST 1301 - US History I
HIST 1302 - US History II
MATH 1314 or 2413 - College Algebra or Cal I
PSYC 1300 - Frameworks of Learning
PSYC 2301 (or other) - General Psychology
SPCH 1315 - Public Speaking

*CHEM 2323/2123 and 2325/2125 recommended. PHYS 1301/1101, 1302/1102, PHYS 2325/2125, 2326/2126, or BIOL 2301/2101, 2302/2102 also accepted.

LEARNING OUTCOMES/MARKETABLE SKILLS
Critical Thinking | Teamwork | Communication | Empirical & Quantitative Reasoning | Technical Proficiency | Numeracy | Organization
Self-Discipline | Time Management | Leadership

EDUCATIONAL OPPORTUNITIES
B.S. Biology | B.S. Science Education | B.S. Environmental Chemistry | B.S. Medical Technology | B.S. Forensic Science

CAREER OPPORTUNITIES
Microbiologist | Physician’s Assistant | Medical Doctor | Dentist | Pharmacist | Nature Conservation Officer | Zoologist

HIGH SCHOOL ENDORSEMENTS
STEM | Public Health | Business & Industry | Multi-Disciplinary

LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:
Texas A&M Texarkana Department of Biology: http://www.tamut.edu/Academics/Colleges-and-Departments/STEM/Biology/index.html
Stephen F. Austin State University Department of Biology: http://www.sfasu.edu/biology/
University of North Texas Department of Biology: https://biology.unt.edu/
Southern Arkansas University Department of Biological Sciences: https://web.saumag.edu/academics/program/biological-sciences/
Henderson State University Department of Biology: http://www.hsu.edu/Biology/index.html
American Institute of Biological Sciences: https://www.aibs.org/home/index.html

Consult the catalog of the four-year institution to which you intend to transfer.

YEAR 1 | YEAR 2
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**FALL** | **FALL**
ENGL 1301 | **ENGL 2327 or 2328 or 2332 or 2333 or HIST 2321 or 2322
CHEM 1311/1111 | GOVT 2305
BIOL 1306/1106 | HIST 1301
PSYC 1300 | CHEM 2323/2123*
MATH 1314 or 2413

**SPRING** | **SPRING**
ENGL 1302 | GOVT 2306
CHEM 1312/1112 | PSYC 2301 or 2308 or 2314 or SOC 1301
BIOL 1307/1107 | HIST 1302
SPCH 1315 | *ARTS 1301 or DRAM 1310 or 2366 or MUSI 1306

Consult the catalog of the four-year institution to which you intend to transfer.

Start Smart. Finish Strong.
### Texarkana College Core Curriculum

<table>
<thead>
<tr>
<th>Component Area &amp; Number</th>
<th>SCH</th>
<th>Courses to Choose From:</th>
</tr>
</thead>
</table>
| (010) Communication     | 6   | ENGL 1301: Composition I (3)  
|                         |     | ENGL 1302: Composition II (3)  
|                         |     | ENGL 2311: Technical & Business Writing (3)  |
| (020) Mathematics       | 3   | MATH 1314: College Algebra (3)  
|                         |     | MATH 1316: Plane Trigonometry (3)  
|                         |     | MATH 1324: Finite Math (3)  
|                         |     | MATH 1325: Calculus for Business & Social Science (3)  
|                         |     | MATH 1332: Math for Liberal Arts (3)  
|                         |     | MATH 1350: Fundamentals of Math I (3)  
|                         |     | MATH 1442: Elementary Statistical Methods (4)  
|                         |     | MATH 2412: Pre-Calculus (4)  
|                         |     | MATH 2413: Calculus I (4)  |
| (030) Life & Physical Sciences | 6 | BIOL 1322: Nutrition & Diet Therapy (3)  
|                         |     | BIOL 1306: Biology for Science Majors I (3)  
|                         |     | BIOL 1307: Biology for Science Majors II (3)  
|                         |     | BIOL 1308: Biology for Non-Science Majors I (3)  
|                         |     | BIOL 1309: Biology for Non-Science Majors II (3)  
|                         |     | BIOL 1311: General Botany (3)  
|                         |     | BIOL 1313: General Zoology (3)  
|                         |     | BIOL 2301: Anatomy & Physiology I (3)  
|                         |     | BIOL 2302: Anatomy & Physiology II (3)  
|                         |     | BIOL 2306: Environmental Biology (3)  
|                         |     | BIOL 2320: Microbiology for Non-Science Majors (3)  
|                         |     | CHEM 1305: Introductory Chemistry I (3)  
|                         |     | CHEM 1311: General Chemistry I (3)  
|                         |     | CHEM 1312: General Chemistry II (3)  
|                         |     | CHEM 1419: Introductory Organic and Biochemistry (4)  
|                         |     | GEOG 1303: Physical Geology (3)  
|                         |     | PHYS 1301: College Physics I (3)  
|                         |     | PHYS 1303: Stars & Galaxies (3)  
|                         |     | PHYS 1304: Solar System (3)  
|                         |     | PHYS 1315: Physical Science I (3)  
|                         |     | PHYS 2325: University Physics I (3)  |
| (040) Language, Philosophy & Culture | 3 | ENGL 2322 British Literature I (3)  
|                         |     | ENGL 2323 British Literature II (3)  
|                         |     | ENGL 2327 American Literature I (3)  
|                         |     | ENGL 2328 American Literature II (3)  
|                         |     | ENGL 2332 World Literature I (3)  
|                         |     | ENGL 2333 World Literature II (3)  
|                         |     | ENGL 2341 Forms in Literature (3)  
|                         |     | HIST 2321: World Civilizations I (3)  
|                         |     | HIST 2322: World Civilizations II (3)  
|                         |     | PHIL 2306 Introduction to Ethics (3)  |
| (050) Creative Arts     | 3   | ARTS 1301: Art Appreciation (3)  
|                         |     | DRAM 1310: Introduction to Theater (3)  
|                         |     | DRAM 2366: Development of the Motion Picture I (3)  
|                         |     | MUSI 1306: Music Appreciation (3)  |
| (060) American History  | 6   | HIST 1301: United States History I (3)  
|                         |     | HIST 1302: United States History II (3)  |
| (070) Government/Political Science | 6 | GOVT 2305: Federal Government (3)  
|                         |     | GOVT 2306: Texas Government (3)  |
| (080) Social & Behavioral Sciences | 3 | COMM 1307: Introduction to Mass Communication (3)  
|                         |     | GEOG 1303: World Regional Geography (3)  
|                         |     | PSYC 2301: General Psychology (3)  
|                         |     | PSYC 2308: Child Psychology (3)  
|                         |     | PSYC 2314: Lifespan Growth & Development (3)  
|                         |     | SOC 1301: Introductory Sociology (3)  
|                         |     | ECON 2301: Principles of Macroeconomics (3)  
|                         |     | ECON 2302: Principles of Microeconomics (3)  |
| (090) Component Area Option | 6 | Choose one Speech Course (3 SCH)  
|                         |     | SPEH 1315: Public Speaking (3)  
|                         |     | SPEH 1318: Interpersonal Communication (3)  
|                         |     | SPEH 1321: Business & Professional Speaking (3)  
|                         |     | Choose 3 SCH from the following:  
|                         |     | BUS 1305: Business Computer Applications (3)  
|                         |     | MATH 2413: Calculus I (4)  
|                         |     | PSYC 1300/EDUC 1300 Learning Frameworks (3)  |
|                         |     | The following are labs that should be taken with lecture courses for those needing 8 SCH of Life & Physical Sciences for a degree.  
|                         |     | BIOL 1106: Biology for Science Majors I (lab) (1)  
|                         |     | BIOL 1107: Biology for Science Majors II (lab) (1)  
|                         |     | BIOL 1108: Biology for Non-Science Majors I (lab) (1)  
|                         |     | BIOL 1109: Biology for Non-Science Majors II (lab) (1)  
|                         |     | BIOL 1111: General Botany (lab) (1)  
|                         |     | BIOL 1113: General Zoology (lab) (1)  
|                         |     | BIOL 2101: Anatomy & Physiology I (lab) (1)  
|                         |     | BIOL 2102: Anatomy & Physiology II (lab) (1)  
|                         |     | BIOL 2120: Microbiology for Non-Science Majors (lab) (1)  
|                         |     | BIOL 2121: Microbiology for Science Majors (lab) (1)  
|                         |     | CHEM 1103: Introductory Chemistry I (lab) (1)  
|                         |     | CHEM 1111: General Chemistry I (lab) (1)  
|                         |     | CHEM 1112: General Chemistry II (lab) (1)  
|                         |     | PHYS 1101: College Physics I (lab) (1)  
|                         |     | PHYS 1103: Stars & Galaxies (lab) (1)  
|                         |     | PHYS 1104: Solar System (lab) (1)  
|                         |     | PHYS 1115: Physical Science I (lab) (1)  
|                         |     | PHYS 2125: University Physics (lab) (1)  |

Total Minimum Requirements: 42

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