



Health Sciences | Associate of Science

Dr. Catherine Howard | Dean of STEM | catherine.howard@texarkanacollege.edu | 903.823.3285

LIST OF COURSES

Creative Arts Core*
CHEM 1305 - Introductory Chemistry I
ENGL 1301 - Composition I
ENGL 1302 - Composition II
PHIL 2306 - Introduction to Ethics (or other)
GOVT 2305 - Federal Government
GOVT 2306 - Texas Government
HIST 1301 - United States History I
HIST 1302 - United States History II
MATH 1442 - Elementary Statistical Methods
PSYC 1300 - Learning Frameworks
PSYC 2301 - General Psychology
PSYC 2314 - Lifespan Growth & Development
BIOL 2301/2101 - Anatomy and Physiology I/lab
BIOL 2302/2102 - Anatomy and Physiology II/lab
BIOL 2320/2120 - Microbiology for Non-Science Majors/lab
Component Area (4 hrs)
Life Sciences (4 hrs)

YEAR 1	YEAR 2
FALL	FALL
BIOL 2301/2101	GOVT 2305
ENGL 1301	ARTS 1301 or DRAM 1310 or 2366 or MUSI 1306
HIST 1301	PSYC 2314
PSYC 2301	CHEM 1305
PSYC 1300	Component Area Elective (3 hrs)
	Elective (1 hr)
SPRING	SPRING
ENGL 1302	MATH 1442
BIOL 2302/2102	ENGL 2327 or 2328 or 2333 or HIST 2321 or 2322 or PHIL 2306 (recommended)
HIST 1302	Life & Physical Sciences electives (4 hrs)
BIOL 2320/2120	GOVT 2306

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

LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Teamwork | Communication | Empirical & Quantitative Reasoning | Mathematical Skills | Investigative Skills
Analytical Skills

EDUCATIONAL OPPORTUNITIES

B.S. in Pre-Medicine | B.S. Nursing | B.S. Health Science

CAREER OPPORTUNITIES

Nurse | Sonographer | Physician | Physical Therapist | Physical Therapy Assistant | Occupational Therapy | Occupational Therapy Assistant

HIGH SCHOOL ENDORSEMENTS

STEM | Public Health | 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>

Start Smart. Finish Strong.

Texarkana College Core Curriculum

Component Area & Number	SCH	Courses to Choose From:	
(010) Communication	6	ENGL 1301: Composition I (3) ENGL 1302: Composition II (3) or 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 Biology (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)	BIOL 2321: Microbiology for Science Majors (3) CHEM 1305: Introductory Chemistry I (3) CHEM 1311: General Chemistry I (3) CHEM 1312: General Chemistry II (3) CHEM 1307: Introductory Chemistry II (3) GEOL 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) SOCI 1301: Introductory Sociology (3) ECON 2301: Principles of Macroeconomics (3) ECON 2302: Principles of Microeconomics (3)	
(090) Component Area Option	6 3 3	<p>Choose 3 SCH from the following: SPCH 1315: Public Speaking (3) SPCH 1318: Interpersonal Communication (3) SPCH 1321: Business & Professional Speaking (3) or any courses in Component Areas (010), (020), (030), (040), (050), & (080) that are not used to fulfill another core requirement except MATH 2413: Calculus, which is listed below.</p> <p>OR any courses in Component Areas (010), (020), (030), (040), (050), & (080) that are not used to fulfill another core requirement except MATH 2413, which is listed below.</p> <p>AND</p> <p>Choose 3 SCH from the following: BCIS 1305: Business Computer Applications (3) MATH 2413: Calculus I (4) PSYC 1300/EDUC 1300 Learning Frameworks (3)</p>	<p>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 1105: 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)</p>
Total Minimum Requirements	42		

TEXARKANA COLLEGE

2500 N. Robison Rd. | Texarkana, TX 75599
texarkanacollege.edu | 903.823.3456

TC does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs or activities. The following person has been designated to handle inquiries regarding the nondiscrimination policies:
Human Resources Director, 2500 N. Robison Rd., Texarkana, TX, 75599 (903) 823-3017 human.resources@texarkanacollege.edu