ARKANSAS TECH UNIVERSITY

NAME:_____ T#:_____ DATE:_____

Rev. 03/15/17

# 2017-2018 Degree Map-Bachelor of Science in Medical Technology

This map is a term-by-term sample course schedule. The milestones listed to the right of each term are designed to keep you on course to graduate in four years. The Sample Schedule serves as a general guideline to help you build a full schedule each term. See course descriptions and prerequisites at http://www.atu.edu/academics/catalog/.

**Possible careers include: Cytogenetic Technologist, Cytotechnologist, Histotechnologist, Histologic Technician, Biomedical, Equipment Technician, Chemical Technician, Clinical Dietician, Laboratory Tester, Medical Technologist, Chemicals & Drugs Sales Representative, Medical Equipment Sales Representative**

#Prerequisite Courses: ENGL 0303_____ ENGL 0404_____ READ 0103_____ MATH 0803_____ MATH 1003_____ MATH 0903_____ MATH 0900_____ MATH 1110_____

**Sample Schedule** — **Milestones/Notes**

| Semester 1 | Hrs. | Grade | Semester 1 |
|---|---|---|---|
| ENGL 1013- Comp I (ACTS=ENGL 1013) | 3 | # | |
| BIOL 1011- Orientation to the Biological Sciences | 1 | | |
| BIOL 1114- Biology or 2124- Zoology | 4 | | (ACTS= BIOL 1014 or 1054) |
| CHEM 2124/2120- General Chemistry I (ACTS= CHEM 1414) | 4 | | Milestone |
| MATH 1113- College Algebra (ACTS= MATH 1103) | 3 | # | Milestone |
| | | | |
| Total hours | 15 | GPA | |

| Semester 2 | Hrs. | | Semester 2 |
|---|---|---|---|
| ENGL 1023- Comp II (ACTS= ENGL 1023) | 3 | # | |
| BIOL 2004- Basic Human Anatomy and Physiology | 4 | | Milestone |
| CHEM 2134/2130- General Chemistry II (ACTS= CHEM 1424) | 4 | | |
| MATH 1203- Plane Trigonometry (ACTS= MATH 1203) | 3 | | |
| | | | |
| Total hours | 14 | GPA | |

| Semester 3 | Hrs. | | Semester 3 |
|---|---|---|---|
| U.S. History & Government | 3 | | |
| Fine Arts & Humanities | 3 | | |
| BIOL 2022- Medical Lab Orientation & Instrumentation - Lab | 2 | | Milestone |
| BIOL 2023- Medical Lab Orientation and Instrumentation | 3 | | Milestone |
| AHS 2013- Medical Terminology | 3 | | |
| Total hours | 14 | GPA | |

| Semester 4 | Hrs. | | Semester 4 |
|---|---|---|---|
| Social Science | 3 | | |
| Social Science | 3 | | |
| Fine Arts & Humanities | 3 | | |
| PSY 2003- General Psychology (ACTS= PSYC 1103) | 3 | | |
| | | | |
| Total hours | 12 | GPA | **MEDT ADVISOR ASSIGNED** |

**Sample Schedule** — **Milestones/Notes**

| Junior Year | Hrs. | Grade | |
|---|---|---|---|
| BIOL 3054- Microbiology | 4 | | |
| | | | |
| Choose (2) courses from list on the right | 7-8 | | BIOL 3034, BIOL 3064, |
| | | | BIOL 4023 or BIOL 4033 |
| | | | |
| | | | |
| | | | |
| Choose (3) courses from list on the right | 12-13 | | CHEM 2204, CHEM 3245, |
| | | | CHEM 3254, CHEM 3264, |
| | | | CHEM 3344, or CHEM 4414 |
| | | | **Contact MEDT advisor for info on** |
| | | | **application process to senior/clinical year.** |
| General Elective | 2-4 | | |
| | | | |
| Total hours | 25-27 | GPA | **APPLY FOR GRADUATION** |

| Senior Year - 12 Months | Hrs. | | |
|---|---|---|---|
| MEDT 4001- Medical Technology Professional Coursework | 38-40 | | Courses required during the senior year |
| | | | must be completed at either |
| | | | Baptist Health Schools in LR, AR or |
| | | | St. John's Regional Medical Center in |
| | | | Joplin, MO |
| | | | |
| | | | |
| | | | |
| | | | **Graduation Requirements:** |
| | | | Min. hours 3000-4000 level courses: 40 |
| | | | No more than 4 PE activity hours |
| | | | Min. hours required:120 |
| | | | 2.00+ GPA |
| Total Hours | 38-40 | GPA | No more than 12 hours of "D" grades |

General Electives: 4 hours (1000-4000 level)

# indicates a "C" or better is required

The Arkansas Course Transfer System (ACTS) is designed to assist in planning the academic progress of students. This system contains information about the transferability of courses within Arkansas public colleges and universities. The Arkansas Course Transfer System can be accessed at http://acts.adhe.edu/

**Fine Arts and Humanities**
- ART 2123 Experiencing Art (ACTS=ARTA1003)
- MUS 2003 Introduction to Music (ACTS=MUSC1003)
- TH 2273 Introduction to Theatre (ACTS=DRAM 1003)
- ENGL 2173 Introduction to Film
- JOUR 2173 Introduction to Film
- ENGL 2003 Introduction to World Literature (ACTS=ENGL2113)
- ENGL 2013 Intro. to American Literature (ACTS=ENGL2653)
- ENGL 2023 Honors World Literature
- PHIL 2003 Introduction to Philosophy (ACTS=PHIL1103)
- PHIL 2043 Honors Introduction to Philosophy

**U.S. History & Government**
- HIST 1903 Survey of American History
- HIST 2003 United States History to 1877 (ACTS=HIST2113)
- HIST 2043 Honors United States History to 1877
- HIST 2013 United States History from 1877 (ACTS=HIST2123)
- POLS 2003 American Government (ACTS=PLSC2003)

**Communication Courses**
- COMM 1003 Intro to Speech Comm
- COMM 2003 Public Speaking
- COMM 2173 Business and Professional Speaking

**Social Sciences**
- HIST 1503 World Civilization to 1500 (ACTS=HIST1113)
- HIST 1513 World Civilization since 1500 (ACTS=HIST1123)
- HIST 1543 Honors World Civilization to 1500
- HIST 2003 U.S. History to 1877 (ACTS=HIST2113)
- HIST 2013 U.S. History since 1877 (ACTS=HIST2123)
- HIST 2043 Honors U.S. History to 1877
- HIST 1903 Survey of American History
- POLS 2003 American Government (ACTS=PLSC2003)
- ECON 2003 Principles of Economics I (ACTS=ECON2103)
- ECON 2103 Honors Principles of Economics I
- ECON 2013 Principles of Economics II (ACTS=ECON2203)
- SOC 1003 Introductory Sociology (ACTS=SOCI1013)
- PSY 2003 General Psychology (ACTS=PSYC1103)
- ANTH 1213 Intro. to Anthropology (ACTS=ANTH1013)
- ANTH 2003 Cultural Anthropology (ACTS=ANTH2013)
- GEOG 2013 Regional Geography of the World (ACTS=GEOG2103)
- AMST 2003 American Studies