

**2019-2020 Degree Map-Bachelor of Science in Medical Laboratory Science**

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/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**

Semester 1	Hrs.	Grade	Milestones/Notes	Semester 1
ENGL 1013- Comp I (ACTS=ENGL 1013)	3	#		
Social Science	3			
BIOL 1011- Orientation to the Biological Sciences	1			
BIOL 1114- Principles of Biology (ACTS= BIOL 1014)	4			
MATH 1113- College Algebra	3	#	(ACTS= MATH 1103)	
<b>Total hours</b>	<b>14</b>	<b>GPA</b>		

Semester 2	Hrs.	Grade	Milestones/Notes	Semester 2
ENGL 1023- Comp II (ACTS= ENGL 1023)	3	#		
Social Science	3			
AHS 2013- Medical Terminology	3			
CHEM 2124/2120: General Chemistry I (ACTS= CHEM 1414)	4			
<b>Total hours</b>	<b>13</b>	<b>GPA</b>		

Semester 3	Hrs.	Grade	Milestones/Notes	Semester 3
U.S. History & Government	3			
Speech Communication	3			
BIOL 3054- Microbiology	4			
CHEM 2134/2130- General Chemistry II (ACTS= CHEM 1424)	4			
<b>Total hours</b>	<b>14</b>	<b>GPA</b>		

Semester 4	Hrs.	Grade	Milestones/Notes	Semester 4
Statistics- PSY/SOC 2053 or STAT 2163	3			
BIOL 2014- Human Anatomy (ACTS=BIOL 2404)	4			
CHEM 3254- Fundamentals of Org. Chemistry MILESTONE	4			
General Electives	2-3			
<b>Total hours</b>	<b>13-14</b>	<b>GPA</b>	<b>BIOL ADVISOR ASSIGNED</b>	

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	U.S. History & Government
ART 2123 Experiencing Art (ACTS=ARTA1003)	HIST 1903 Survey of American History
MUS 2003 Introduction to Music (ACTS=MUSC1003)	HIST 2003 United States History to 1877 (ACTS=HIST2113)
TH 2273 Introduction to Theatre (ACTS=DRAM 1003)	HIST 2043 Honors United States History to 1877
ENGL 2173 Introduction to Film	HIST 2013 United States History since 1877 (ACTS=HIST2123)
JOUR 2173 Introduction to Film	POLS 2003 American Government (ACTS=PLSC2003)
ENGL 2183 Honors Introduction to Film	<b>Speech Communication Courses</b>
ENGL 2003 Introduction to World Literature (ACTS=ENGL2113)	COMM 1003 Intro to Speech Comm
ENGL 2013 Intro. to American Literature (ACTS=ENGL2653)	COMM 2003 Public Speaking
ENGL 2023 Honors World Literature	COMM 2173 Business and Professional Speaking
PHIL 2003 Introduction to Philosophy (ACTS=PHIL1103)	
PHIL 2043 Honors Introduction to Philosophy	
PHIL 2053 Introduction to Critical Thinking (ACTS=PHIL 1003)	

**Sample Schedule**

Semester 5	Hrs.	Grade	Milestones/Notes	Semester 5
Fine Arts & Humanities	3			
BIOL 3074- Human Physiology	4			
BIOL Elective	3-4			
CHEM Elective	4-5			
<b>Total hours</b>	<b>14-16</b>	<b>GPA</b>		

Semester 6	Hrs.	Grade	Milestones/Notes	Semester 6
Fine Arts & Humanities	3			
BIOL Elective	3-4			
CHEM Elective	4-5			
General Elective	2-3			
<b>Total hours</b>	<b>12-15</b>	<b>GPA</b>	<b>APPLY FOR GRADUATION</b>	

Senior Year - 12 Months	Hrs.	Grade	Milestones/Notes
NUMT/MEDT 4001-9 - Professional Coursework	38		Condensed course category - final year completed off-campus at one of our affiliated schools of medical technology
			Professional coursework meeting all requirements of the affiliated medical technology school
			<b>Graduation Requirements:</b>
			Min. hours 3000-4000 level courses: 40
			No more than 4 PE activity hours
			Min. hours required:120
			2.00+ GPA
			No more than 12 hours of "D" grades
<b>Total Hours</b>	<b>38</b>	<b>GPA</b>	

General Electives: 4 - 6 hours

# indicates a "C" or better is required

Social Sciences
HIST 1503 World History to 1500 (ACTS=HIST1113)
HIST 1513 World History since 1500 (ACTS=HIST1123)
HIST 1543 Honors World History 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