

**2023-2024 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 \_\_\_\_\_ MATH 0803 \_\_\_\_\_ MATH 1003 \_\_\_\_\_ MATH 0903 \_\_\_\_\_ MATH 1110 \_\_\_\_\_

Sample Schedule	Milestones/Notes		
Semester 1	Hrs.	Grade	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>	

Sample Schedule	Milestones/Notes		
Semester 2	Hrs.	Grade	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>	

Sample Schedule	Milestones/Notes		
Semester 3	Hrs.	Grade	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>	

Sample Schedule	Milestones/Notes		
Semester 4	Hrs.	Grade	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 by searching keyword "ACTS" at <https://adhe.edu/>

<b>Fine Arts and Humanities</b> ART 2123 Experiencing Art (ACTS=ARTA1003) MUS 2003 Introduction to Music (ACTS=MUSC1003) TH 2273 Introduction to Theatre (ACTS=DRAM 1003) ENGL/JOUR 2173 Introduction to Film ENGL 2003 Introduction to World Literature (ACTS=ENGL2113) ENGL 2013 Intro. to American Literature (ACTS=ENGL2653) PHIL 2003 Introduction to Philosophy (ACTS=PHIL1103) PHIL 2053 Introduction to Critical Thinking (ACTS=PHIL 1003) 1013 from SPAN, FR, GER, JPN, CHIN, or LAT 1023 from SPAN, FR, GER, JPN, CHIN, or LAT LEAD 2003 Ethics in Leadership	<b>U.S. History &amp; Government</b> HIST 1903 Survey of American History HIST 2003 U.S. History to 1877 (ACTS=HIST2113) HIST 2013 U.S. History since 1877 (ACTS=HIST2123) POLS 2003 American Government (ACTS=PLSC2003)
	<b>Communication Courses</b> COMM 1003 Intro to Speech Comm COMM 2003 Public Speaking COMM 2173 Business and Professional Speaking

Sample Schedule	Milestones/Notes		
Semester 5	Hrs.	Grade	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>	

Sample Schedule	Milestones/Notes		
Semester 6	Hrs.	Grade	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
<b>Total Hours</b>	<b>38</b>	<b>GPA</b>	No more than 12 hours of "D" grades

General Electives: 4 - 6 hours  
# indicates a "C" or better is required

HIST 1503 World History to 1500 (ACTS=HIST1113) HIST 1513 World History since 1500 (ACTS=HIST1123) HIST 2003 U.S. History to 1877 (ACTS=HIST2113) HIST 2013 U.S. History since 1877 (ACTS=HIST2123) HIST 1903 Survey of American History POLS 2003 American Government (ACTS=PLSC2003) ECON 2003 Principles of Macroeconomics (ACTS=ECON2103) ECON 2013 Principles of Microeconomics (ACTS=ECON2203) SOC 1003 Introductory Sociology (ACTS=SOC1013) PSY 2003 General Psychology (ACTS=PSYC1103)	<b>Social Sciences</b> 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 FIN 2013 Personal Finance LEAD 1003 Introduction to Leadership
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*University Honors students should consult Course Catalog for appropriate Fine Arts/Humanities, US History/Government and Social Science options for University Honors Curriculum.*