

2013-2014 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

#Remedial Courses (if applicable): ENGL 0303 _____ ENGL 0404 _____ READ 0103 _____ MATH 0903 _____

Sample Schedule	Milestones/Notes		
Semester 1	Hrs.	Grade	Semester 1
#ENGL 1013: Comp I (ACTS=ENGL 1013)	3		
BIOL1011: Orientation to the Biological Sciences	1		
BIOL1114: 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	

Sample Schedule	Milestones/Notes		
Semester 2	Hrs.		Semester 2
#ENGL 1023: Comp II (ACTS= ENGL 1023)	3		
BIOL2004: Basic Human Anatomy and Physiology	4		Milestone
CHEM2134/2130: General Chemistry II (ACTS= CHEM 1424)	4		
MATH1203: Plane Trigonometry (ACTS= MATH 1203)	3		
Total hours	14	GPA	

Sample Schedule	Milestones/Notes		
Semester 3	Hrs.		Semester 3
U.S. History & Government	3		
Fine Arts & Humanities	3		
BIOL2022: Medical Lab Orientation & Instrumentation - Lab	2		Milestone
BIOL2023: Medical Lab Orientation and Instrumentation	3		Milestone
AHS2013: Medical Terminology	3		
Total hours	14	GPA	

Sample Schedule	Milestones/Notes		
Semester 4	Hrs.		Semester 4
Social Science	3		
Social Science	3		
Fine Arts & Humanities	3		
PSY2003: General Psychology (ACTS= PSYC 1103)	3		
Total hours	12	GPA	MEDT ADVISOR ASSIGNED

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 U.S. History I (ACTS=HIST2113)
TH 2273 Introduction to Theatre (ACTS=DRAM 1003)	HIST 2043 Honors U.S. History I
ENGL 2173 Introduction to Film	HIST 2013 U.S. History II (ACTS=HIST2123)
JOUR 2173 Introduction to Film	POLS 2003 American Government (ACTS=PLSC2003)
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	

Sample Schedule	Milestones/Notes		
Junior Year	Hrs.	Grade	Milestones/Notes
BIOL3054: 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
General Elective	0-2		Contact MEDT advisor for info on application process to senior/clinical year.
Total hours	25	GPA	APPLY FOR GRADUATION

Sample Schedule	Milestones/Notes		
Senior Year - 12 Months	Hrs.		
MEDT4012-3: Clinical Microscopy and Body Fluids	2-3		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
MEDT4029: Hematology	9		
MEDT4035: Immuno-hematology	5		
MEDT4048-9: Clinical Chemistry and Instrumentation	8-9		
MEDT 4056-7: Microbiology	6-7		
MEDT4064: Parasitology	4		
MEDT4073: Serology	3		
MEDT 4081-2: Special topics	1-2		
Total Hours	40	GPA	Graduation Requirements: 40 hours 3000-4000 level courses No more than 4 PE activity hours Min. hours required:120 2.00+ GPA No more than 12 hours of "D" grades

General Electives: 2 hours 1000-4000 level

indicates a "C" or better is required

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