



2+2 Degree Plan
Associate of Applied Science
Medical Laboratory Technology - ASUB



Bachelor of Applied Science – ATU
2024-25

ASU Beebe (60 credit hours)

University Requirements (1 or 3 hours)			ATU equivalent	Hours
UNIV	1001	Principles of Academic Success I	TECH 1001 Orientation to the University	1
UNIV	1003	Principles of Academic Success III	GENL General Elective Credit	3

**the 3-hour credit course is required for students who must take at least one remedial course. Students who are not required to take a remedial course may take the 3-hour credit course. In both situations, the courses (1-hour or 3-hour) count towards electives.*

FIRST YEAR

First Semester – 17 hours			ATU equivalent	Hours
ENGL	1003	Freshman English I	ENGL 1013 Composition I	3
CIS	1503	Microcomputer Applications	COMS 1003 Introduction to Computer Based Systems	3
BIOL	1014	Principles of Biology	BIOL 1114 Principles of Biology	4
MATH	1013	Technical Mathematics (or higher)*	NT XXXX Non-Transferable	3
CHEM	1014	General Chemistry I	CHEM 2120 General Chemistry Lab I <i>and</i> CHEM 2124 General Chemistry I	4

**Students should consider taking higher level MATH course to satisfy requirements at ATU.*

Second Semester – 17 hours			ATU equivalent	Hours
ENGL	1013	Freshman English II	ENGL 1023 Composition II	3
ZOOL	1014	Basic Human Anatomy and Physiology	BIOL 2004 Basic Human Anatomy and Physiology	4
BIOL	2104	Microbiology	BIOL 2054 Microbiology for Health Sciences	4
MST	1203	Orientation to the Clinical Lab	GENL 1XXX General Elective Credit	3
PSY	2013	Introduction to Psychology*	PSY 2003 General Psychology	3

**Students planning to transfer to ATU should take PSY 2013.*

SECOND YEAR

Second Year, Summer Session II – 6 hours			ATU equivalent	Hours
MLT	2213	Clinical Microscopy	GENL 2XXX General Elective Credit	3
MLT	2223	Clinical Practicum I	GENL 2XXX General Elective Credit	3

Second Year, First Semester (Fall Only)– 16 hours			ATU equivalent	Hours
MLT	2254	Clinical Chemistry	GENL 2XXX General Elective Credit	4
MLT	2244	Clinical Practicum II	GENL 2XXX General Elective Credit	4
MLT	2234	Clinical Hematology	GENL 2XXX General Elective Credit	4
MLT	2264	Clinical Practicum III	GENL 2XXX General Elective Credit	4

Second Year, Second Semester (Spring Only)– 16 hours			ATU equivalent	Hours
MLT	2274	Clinical Microbiology	GENL 2XXX General Elective Credit	4
MLT	2284	Clinical Practicum IV	GENL 2XXX General Elective Credit	4
MLT	2294	Clinical Serology/Immunohematology	GENL 2XXX General Elective Credit	4
MLT	2314	Clinical Practicum V	GENL 2XXX General Elective Credit	4

Arkansas Tech University Courses (66 credit hours)

		FAH 1XXX Fine Arts and Humanities		6
		USHG 1XXX U.S. History or Government		3
		SS 1XXX Social Science		3
		MATH Mathematics		3
COMM	1003	Introduction to Communication or Public Speaking or Business and Professional Speaking		3
COMM	2003			
COMM	2173			
PSY	3093	Industrial and Organizational Psychology		3
OL/PS	3133	Principles of Personnel Management		3
OL/PS	3023	Professional Communication		3
OL/PS	4043	Ethical Leadership		3
OL/PS	4443	Professional Leadership		3
OL/PS	4543	Workplace Supervision		3
OL/PS	4643	Occupational Globalization and Diversity <i>or</i> Organizational Change		3
OL/PS	4743			
OL/PS	4963	Organizational Leadership Capstone		3
BAS	4253	Quality Control		3
BAS	4353	Project Management		3
BAS	4363	Project Risk Analysis and Mitigation		3
BAS	4373	Leading Agile Projects		3
BAS	4453	Root Cause Analysis		3
BAS	4553	Occupational Safety		3
		Elective Credit		6