

COLLEGE OF SOUTHERN MARYLAND

Associate of Applied Science in Medical Laboratory Technology

2022-2023

English / Communications** (9 credit hours)			UAMS	Semester	Hours	Grade
ENG	1010	Composition and Rhetoric	English/Communication		3	
ENG	1020	Composition and Literature			3	
*COM	1010	Basic Principles of Speech Communication			3	

Mathematics** (3 credit hours)			UAMS	Semester	Hours	Grade
MTH	1120	College Algebra	Mathematics		3	

Sciences (15 credit hours)			UAMS	Semester	Hours	Grade
CHE	1050	Introductory Chemistry	Science/Chemistry		3	
BIO	1060	Principles of Biology I W/Lab	Science/Biology		4	
BIO	1040	Intro to Human Anatomy and Physiology w/ Lab	Science/Biology		4	
BIO	2010	Microbiology w/Lab	Science/Microbiology		4	

Humanities** (3 credit hours)			UAMS	Semester	Hours	Grade
PHL	1010	Intro to Philosophy or	Humanities		3	
ENG	2010	World Literature				

Fine Arts (3 credit hours)			UAMS	Semester	Hours	Grade
*ART	1030	Art Appreciation or	Fine Arts/Humanities		3	
*MUS	1020	Music Appreciation				

U.S. History/Government** (3 credit hours)			UAMS	Semester	Hours	Grade
HST	1031/32	U.S. History to 1877 or Since 1877	Social Sciences		3	

Social Science** (6 credit hours)			UAMS	Semester	Hours	Grade
PSY	1010	General Psychology or	Social Science		6	
PSY	2050	Developmental Psychology or				
SOC	1010	Introduction to Sociology or				
GRY	1050	World Regional Geography				

Electives** (4 credit hours)				Semester	Hours	Grade
PHY	1110	Fundamentals of Physics W/Lab (previously PHY 1010/L)			4	
CHE	1200	General Chemistry W/Lab or				
BIO	1020	Zoology or				
BIO	1070	Principles of Biology II W/Lab				

Program Specific Requirements (38 credit hours)						
MLT	1012	Introduction to Clinical Laboratory Science W/Lab			2	
MLT	1042	Hematology W/Lab			5	
MLT	1060	Immunohematology W/Lab			5	
MLT	1080	Clinical Microbiology W/Lab			5	
MLT	1022	Urinalysis and Body Fluids W/Lab			3	
MLT	2013	Clinical BioChemistry W/Lab			4	
MLT	2015	Clinical Practice I			5	
MLT	2018	Mycology, Parasitology and Virology W/Lab			4	
MLT	2020	Clinical Practice II			5	

CSM Total: 84 hours 9

**Transfer Agreement Checklist
Associate of Applied Science to
Bachelor of Science in Medical Laboratory Science
Online Option**



2020-2021

**University of Arkansas for Medical Science
Bachelor of Science in Medical Laboratory Science**

			Semester	Hours	Grade
MLSC	3110	Body Fluids Laboratory	Fall	1	
MLSC	3214	Current Topics in Medical Laboratory Sciences	Fall	3	
MLSC	4212	Hematology Laboratory	Fall	2	
MLSC	4214	Parasitology	Fall	2	
MLSC	4223	Body Fluids	Fall	2	
MLSC	4311	Immunology	Fall	3	
MLSC	4312	Hematology	Fall	3	
MLSC	4116	Immunochemistry Laboratory	Spring	1	
MLSC	4117	Molecular Diagnostics Laboratory	Spring	1	
MLSC	4215	Clinical Microbiology Laboratory	Spring	2	
MLSC	4217	Molecular Diagnostics	Spring	2	
MLSC	4315	Clinical Microbiology	Spring	3	
MLSC	4316	Immunochemistry	Spring	3	
MLSC	4514	Clinical Biochemistry	Spring	5	
MLSC	4225	Laboratory Case Studies	Fall	2	
MLSC	4138	Laboratory Management	Fall	1	
MLSC	4332	Hematology Case Study and Development	Fall	2	
MLSC	4335	Microbiology Case Study and Development	Fall	2	
MLSC	4341	Blood Bank Case Study and Development	Fall	2	
MLSC	4216	Chemistry Case Study and Development	Fall	2	

UAMS Total Hours: 45

Total Hours: 129

A letter grade of "C" or better is required for the student to progress in the program. A minimum GPA of 2.0 is required to earn the degree

*Fine Arts and Speech credits maybe substituted with extra Humanities classes.

**UAMS also accepts CLEP test credits. Please contact the MLS Department for details.