



Medical Laboratory Science Associate of Applied Science 2021-2022

PREREQUISITE SEMESTER			
ENGL 1010	Rhetoric and Composition	3 Credits	Grade Earned:
MATH 1105	College Algebra	3 Credits	Grade Earned:
BIOL 2017	Survey of Human Anatomy & Physiology	4 Credits	Grade Earned:
CHEM 1030	General Chemistry I	3 Credits	Grade Earned:
CHEM 1031	General Chemistry Lab I	1 Credit	Grade Earned:
MLTS 1030	Introduction to Clinical Laboratory Science	3 Credits	Grade Earned:
TOTAL SEMESTER CREDITS		17	
SEMESTER ONE			
MLTS 1073	Hematology I	3 Credits	Grade Earned:
MLTS 1130	Clinical Microbiology I	3 Credits	Grade Earned:
MLTS 1131	Clinical Microbiology Lab I	1 Credit	Grade Earned:
MLTS 1203	Immunology & Serology	3 Credits	Grade Earned:
Social/Behavioral Science - Choose from General Education Courses: Anthropology (ANTH), Criminal Justice (CJUS), Economics (ECON), Geography (GEOG), Political Science (POLI), Psychology (PSYC), or Sociology (SOC).	List Course:	3 Credits	Grade Earned:
TOTAL SEMESTER CREDITS		13	
SEMESTER TWO			
MLTS 1410	Clinical Chemistry I	3 Credits	Grade Earned:
MLTS 2203	Clinical Immunohematology	3 Credits	Grade Earned:
Humanities - Choose from General Education Courses: History (HIST), English (ENGL 2XXX) except ENGL 2045 and 2070, or Communications (CMCN) except CMCN 1170, 1270, and 2145.	List Course:	3 Credits	Grade Earned:
TOTAL SEMESTER CREDITS		9	
SEMESTER THREE			
MLTS 1453	Body Fluid Analysis	3 Credits	Grade Earned:
MLTS 2060	Clinical Microbiology II	3 Credits	Grade Earned:
MLTS 2061	Clinical Microbiology Lab II	1 Credit	Grade Earned:
MLTS 2410	Clinical Chemistry II	3 Credits	Grade Earned:
MLTS 2411	Clinical Chemistry Lab II	1 Credit	Grade Earned:
MLTS 2073	Hematology II	3 Credits	Grade Earned:
TOTAL SEMESTER CREDITS		14	
SEMESTER FOUR			
MLTS 2823	Chemistry Practicum (1st 4 weeks)	4 Credits	Grade Earned:
MLTS 2833	Blood Bank Practicum (2nd 4 weeks)	4 Credits	Grade Earned:
MLTS 2843	Microbiology Practicum (3rd 4 weeks)	4 Credits	Grade Earned:
MLTS 2814	Hematology Practicum (4th 4 weeks)	4 Credits	Grade Earned:
TOTAL SEMESTER CREDITS		16	
Associate of Applied Science - Medical Laboratory Science		69	

A grade of "C" or higher is required in all courses.

DEGREE NOTES: This degree plan is an academic planning resource. The applicable edition of the college catalog is the official source for all degree requirements. The college reserves the right to change, modify, or alter this resource without notice. The college strongly encourages students to consult their advisors for questions regarding degree completion. OAA 05/2021