General Education Coursework:

*ENGL 110C: English Composition I
ENG 111

*ENGL 211C or 231C: English Composition II

Transfer Equivalency Guide

MATH 102M: College Algebra or
MATH 162M: Precalculus

MTH 158 or 161 or 163

*CHEM 121N/122N: General Chemistry I
CHM 111

*CHEM 123N/124N: General Chemistry II
CHM 112

*CHEM 211 & 212: Organic Chemistry I lecture and lab

*BIOL 121N/122N: General Biology I
BIO 101

*BIOL 250: Human Anatomy and Physiology I

*BIOL 251: Human Anatomy and Physiology II

*STAT 130M: Statistics
MTH 146, 155, 157, 240, 241, 242 or 245

*CHEM 211 & 212: Organic Chemistry I lecture and lab

*CHEM 211 & 212: Organic Chemistry I lecture and lab

*BIOL 141, 231 or NAS 161

*BIOL 142, 232 or NAS 162

Information Literacy and Research

Transfer Equivalency Guide

Interpreting the Past

Transfer Equivalency Guide

Human Creativity

Transfer Equivalency Guide

Human Behavior

Transfer Equivalency Guide

Philosophy and Ethics

Language and Culture I

Transfer Equivalency Guide

(May be waived, see catalog for details)

(May be waived, see catalog for details)

Lower Division General Education and Departmental Requirements

YEAR 1 - (28 CREDITS)

FALL SEMESTER (11 credits)

Major Coursework:

MLS 324 Clinical Instrumentation and Electronics
MLS 330 Clinical Immunology/Serology
Option D satisfies the Upper Division General Education requirement by completing six (6) credits at the 300-400 level except CSD, CYTO, CHP, DNTH, EXSC, ENWH, MLS, NMED, RT, PUBH; Must include an Impact of Technology "T" course unless lower division gen-eds satisfied by transferrable associates degree.

MLS 309 Medical Bacteriology
MLS 402 Survey of Clinical Molecular Techniques
MLS 441 Clinical Hematology Competencies
MLS 444 Clinical Blood Bank Competencies

SPRING SEMESTER (10 credits)

Major Coursework:

MLS 310 Urinalysis and Body Fluids
MLS 326 Immunohematology
MLS 328 Advanced Hematology and Hemostasis
MLS 351 Clinical Biochemistry
MLS 340 Medical Parasitology, Mycology, and Virology

SUMMER SEMESTER (7 Credits)

YEAR 2 - (9 CREDITS)

FALL SEMESTER (8 credits)

Major Coursework:

MLS 403W Management in the Clinical Setting
MLS 440 Statistical Applications and Data Analysis in the Clinical Laboratory
MLS 442 Clinical Microbiology Competencies
MLS 443 Clinical Chemistry Competencies

SPRING SEMESTER (4 credits)

Major Coursework:

MLS 457 Medical Laboratory Science Seminar

*PROGRAM ADMISSIONS REQUIREMENTS: Students must graduate from a formal accredited medical laboratory training program and be currently employed in a full service clinical laboratory. MLT certification is required for admission. All general education requirements and the following departmental requirements must be complete prior to entering the BS/MLS MLT to MLS Degree Completion Program: BIOL 121N/122N, BIOL 250, CHEM 121N/122N, CHEM 123N/124N, CHEM 211 & 212 and STAT 130M. Program requirements must be completed with a C or better; C- is not acceptable. A grade of C (2.00) or better is required in all medical technology course work for continuance in the program.

https://online.odu.edu/programs/medical-laboratory-science

NOTE: Option D satisfies the Upper Division General Education requirement by completing six (6) credits at the 300-400 level except CSD, CYTO, CHP, DNTH, EXSC, ENWH, MLS, NMED, RT, PUBH; Must include an Impact of Technology "T" course unless lower division gen-eds satisfied by transferrable associates degree. Foreign language may be satisfied with 3 years of 1 or 2 years of 2 languages in high school; graduation from HS prior to 12/31/85, or with AA or AS Degree from VCCS.

GRADUATION REQUIREMENTS: Requirements for graduation include a minimum cumulative grade point average of 2.00 overall and in the major, a minimum of 120 credit hours, which must include both a minimum of 30 credit hours overall and 12 credit hours in upper-level courses in the major program for Old Dominion University, completion of ENGL 110C and ENGL 211C or 231C, and the writing intensive (W) course in the major with a grade of C or better, and completion of Senior Assessment.