

2018 - 2019 Old Dominion University Catalog
Bachelor of Science in Medical Laboratory Science
MLT to MLS Degree Completion (w/ VCCS Equivalencies)

Sample four year curriculum with a suggested ordering of courses. Students may re-order as needed.
** indicates not automatically waived with transferrable associates degree, C or better required for transfer.*
*Courses in **green** are waived by the completion of an Associate degree (Not eligible for Applied Associate degrees).*

Lower Division General Education and Departmental Requirements

<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
*ENGL 110C: English Composition I	ENG 111	*ENGL 211C or 231C: English Composition II	VCCS Transfer Guide
*MATH 102M: College Algebra or MATH 162M: Precalculus	MTH 158 or 161 or 163	*CHEM 121N/122N: General Chemistry I	CHM 111
*BIOL 121N/122N: General Biology I	BIO 101	*STAT 130M: Statistics	MTH 146, 155, 157, 240, 241, 242 or 245
*CHEM 123N/124N: General Chemistry II	CHM 112	*CHEM 211 & 212: Organic Chemistry I lecture and lab	CHM 241 and 243 or 245
*BIOL 250: Human Anatomy and Physiology I	BIO 141, 231 or NAS 161	*BIOL 251: Human Anatomy and Physiology II	BIO 141, 231 or NAS 162
Information Literacy and Research	VCCS Transfer Guide	Interpreting the Past	VCCS Transfer Guide
Human Creativity	VCCS Transfer Guide	Human Behavior	VCCS Transfer Guide
Philosophy and Ethics	VCCS Transfer Guide	Literature	VCCS Transfer Guide
Language and Culture I	VCCS Transfer Guide	Language and Culture II	VCCS Transfer Guide
(May be waived, see catalog for details)		(May be waived, see catalog for details)	

YEAR 1 - (28 CREDITS)

FALL SEMESTER (12 credits)

Major Coursework:

MLS 311 Hematology
 MLS 324 Clinical Instrumentation and Electronics
 Option D: six (6) credit hours of 300/400 level courses from outside the College of Health Sciences; must include an Impact of Technology "T" course unless lower division gen-eds satisfied by transferrable associates degree

No VCCS Equivalency:

SPRING SEMESTER (8 credits)

Major Coursework:

MLS 315 Clinical Laboratory Diagnosis
 MLS 326 Immunohematology
 MLS 340 Parasitology/Mycology, Virology
 MLS 441 Hematology Competencies

No VCCS Equivalency:

SUMMER SEMESTER (8 Credits)

MLS 350 Urinalysis and Body Fluids
 MLS 351 Clinical Biochemistry
 MLS 309 Medical Bacteriology
 MLS 444 Immunohematology Competencies

YEAR 2 - (12 CREDITS)

FALL SEMESTER (8 credits)

Major Coursework:

MLS 403W Mgmt in a Clinical Setting
 MLS 440 Stat Applications and Data
 MLS 442 Microbiology Competencies
 MLS 443 Clinical Chemistry Competencies

No VCCS Equivalency:

SPRING SEMESTER (4 credits)

Major Coursework:

MLS 445 Advanced Clinical Practicum
 MLS 457 Medical Technology Seminar

No VCCS Equivalency:

***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 BSMT MLT to MT Degree Completion Program: BIOL 121N/122N, BIOL 250 & 251, 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.

NOTE: Option D satisfies the Upper Division General Education requirement by completing six (6) credits at the 300-400 level outside of the college of your major. 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, 221C or 231C, and the writing intensive (W) course in the major with a grade of C or better, and completion of Senior Assessment.