

2017 - 2018 Old Dominion University Catalog

Bachelor of Science in Medical Technology (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).*

YEAR 1 - FRESHMAN (32 CREDITS)

FALL SEMESTER (16 credits)		SPRING SEMESTER (16 credits)	
<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	Transfer Guide
*MATH 102M College Algebra or 162M Precalculus	MATH MTH 158 or 161 or 163	*CHEM 121N/122N: General Chemistry I	CHM 111
*BIOL 121N/122N: General Biology I	BIO 101	Human Creativity	Transfer Guide
Information Literacy and Research	Transfer Guide	Interpreting the Past	Transfer Guide
Language and Culture I	Transfer Guide	Language and Culture II	Transfer Guide
(May be waived, see catalog for details)		(May be waived, see catalog for details)	

YEAR 2 - SOPHOMORE (29 CREDITS)

FALL SEMESTER (14 credits)		SPRING SEMESTER (15 credits)	
		Application Deadline is February 1st!	
<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
*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
Human Behavior	Transfer Guide	*STAT 130M: Statistics	MTH 146, 157, 240, 241, 242 or 245
Philosophy and Ethics	Transfer Guide	Literature	Transfer Guide

YEAR 3 - JUNIOR (37 CREDITS)

FALL SEMESTER (17 credits)		SPRING SEMESTER (18 credits)	
<u>Major Coursework:</u>	<u>No VCCS Equivalency:</u>	<u>Major Coursework:</u>	<u>No VCCS Equivalency:</u>
MEDT 210 Orientation to Med. Tech.		MEDT 309 Medical Bacteriology	
MEDT 307 Clinical Methods in Micro.		MEDT 310/313 Urinalysis/Body Fluids	
MEDT 308 Clinical Microbiology		MEDT 319 Medical Bacteriology Methods	
MEDT 311/312 Hematology and Lab		MEDT 326/336 Immunohematology and Lab	
MEDT 324 Clinical Instrumentation and Electronics		MEDT 327 Hemostasis	
MEDT 325 Clinical Instrumentation Methods		MEDT 337 Advanced Hematology	
MEDT 330/331 Clinical Immunology/Serology and lab		MEDT 339/340 Parasitology/Mycology, Virology and Lab	
		MEDT 351 Clinical Biochemistry	

SUMMER SEMESTER (2 Credits)

Can also be taken the summer before the program begins with permission of the program director, as space allows

MEDT 320 Phlebotomy Methods No VCCS Equivalency:

YEAR 4 - SENIOR (32 CREDITS)

FALL SEMESTER (12 credits)		SPRING SEMESTER (20 credits)	
<u>Major Coursework:</u>	<u>No VCCS Equivalency:</u>	<u>Major Coursework:</u>	<u>No VCCS Equivalency:</u>
MEDT 403W Mgmt in a Clinical Setting		MEDT 404 Clinical Hematology Practicum	
MEDT 440 Stat Applications and Data		MEDT 406 Clinical Micro. Practicum	
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	May also be completed in summer before or after the program begins	MEDT 452 Clinical Biochem Practicum	
		MEDT 454 Clinical Blood Bank Practicum	
		MEDT 457 Medical Technology Seminar	
		MEDT 458 Clinical Elective Practicum	

***PROGRAM ADMISSIONS REQUIREMENTS:** Students must complete the following courses prior to entering the Medical Technology 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.