

2016-2017 Old Dominion University Catalog

Bachelor of Science in Medical Technology

*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)

<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
ENGL 110C: English Composition I	ENG 111
*MATH 102M: College Algebra or 162M: Precalculus	MTH 158 or 163
*BIOL 121N/122N: General Biology I	BIO 101
Information Literacy and Research	Transfer Guide
Language and Culture I (May be waived, see catalog for details)	Transfer Guide

SPRING SEMESTER (16 credits)

<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
*ENGL 211C: English Composition II	Transfer Guide
*CHEM 121N/122N: General Chemistry I	CHM 111
Human Creativity	Transfer Guide
Interpreting the Past	Transfer Guide
Language and Culture II (May be waived, see catalog for details)	Transfer Guide

YEAR 2 - SOPHOMORE (28 CREDITS)

FALL SEMESTER (14 credits)

<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
*CHEM 123N/124N: General Chemistry II	CHM 112
*BIOL 250: Anatomy and Physiology I	BIO 141, 231 or NAS 161
Human Behavior	Transfer Guide
Philosophy and Ethics	Transfer Guide

SPRING SEMESTER (14 credits)

Application Deadline is February 1st!

<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
*CHEM 211 & 212: Organic Chemistry I lecture and lab	CHM 241 and 243 or 245
*BIOL 251: Anatomy and Physiology II	BIO 141, 231 or NAS 162
*STAT 130M: Statistics	MTH 146, 157, 240, 241 or 242
Literature	Transfer Guide

YEAR 3 - JUNIOR (36 CREDITS)

FALL SEMESTER (17 credits)

<u>Major Coursework:</u>	<u>No VCCS Equivalency:</u>
MEDT 210 Orientation to Med. Tech.	
MEDT 307 Clinical Methods in Micro.	
MEDT 308 Clinical Microbiology	
MEDT 311/312 Hematology and Lab	
MEDT 324 Clinical Instrumentation and Electronics	
MEDT 325 Clinical Instrumentation Methods	
MEDT 330/331 Clinical Immunology/Serology and lab	

SPRING SEMESTER (18 credits)

<u>Major Coursework:</u>	<u>No VCCS Equivalency:</u>
MEDT 309 Medical Bacteriology	
MEDT 310/313 Urinalysis/Body Fluids	
MEDT 319 Medical Bacteriology Methods	
MEDT 326/336 Immunohematology and Lab	
MEDT 327 Hemostasis	
MEDT 337 Advanced Hematology	
MEDT 339/340 Parasitology/Mycology, Virology and Lab	
MEDT 351 Clinical Biochemistry	

SUMMER SEMESTER (2 Credits)

MEDT 320 Phlebotomy Methods

YEAR 4 - SENIOR (32 CREDITS)

FALL SEMESTER (12 credits)

<u>Major Coursework:</u>	<u>No VCCS Equivalency:</u>
MEDT 403W Mgmt in a Clinical Setting	
MEDT 440 Stat Applications and Data	
Impact of Tech Gen-ed or Option D Course**	
Option D Course**	

SPRING SEMESTER (20 credits)

<u>Major Coursework:</u>	<u>No VCCS Equivalency:</u>
MEDT 404 Clinical Hematology Practicum	
MEDT 406 Clinical Micro. Practicum	
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 115N, BIOL 250 & 251, CHEM 121 & 122, 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.

**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.