

## 2015-2016 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.*

### YEAR 1 - FRESHMAN (32 CREDITS)

#### FALL SEMESTER (16 credits)

General Education Coursework:  
\*ENGL 110C: English Composition I  
\*MATH 102M: College Algebra or 162M: Precalculus  
\*BIOL 121N/122N: General Biology I  
Information Literacy and Research  
Language and Culture I (May be waived, see catalog for details)

VCCS Equivalency:  
ENG 111\*  
MTH 158 or 163  
BIO 101  
[Transfer Guide](#)  
[Transfer Guide](#)

#### SPRING SEMESTER (16 credits)

General Education Coursework:  
\*ENGL 211C: English Composition II  
\*CHEM 121N/122N: General Chemistry I  
Human Creativity  
Interpreting the Past  
Language and Culture II (May be waived, see catalog for details)

VCCS Equivalency:  
[Transfer Guide](#)  
CHM 111  
[Transfer Guide](#)  
[Transfer Guide](#)  
[Transfer Guide](#)

### YEAR 2 - SOPHOMORE (28 CREDITS)

#### FALL SEMESTER (14 credits)

General Education Coursework:  
\*CHEM 123N/124N: General Chemistry II  
\*BIOL 250: Anatomy and Physiology I  
Human Behavior  
Philosophy and Ethics

VCCS Equivalency:  
CHM 112  
BIO 141, 231 or NAS 161  
[Transfer Guide](#)  
[Transfer Guide](#)

#### SPRING SEMESTER (14 credits)

**Application Deadline is February 1st!**

General Education Coursework:  
\*CHEM 211 & 212: Organic Chemistry I lecture and lab  
\*BIOL 251: Anatomy and Physiology II  
\*STAT 130M: Statistics  
Literature

VCCS Equivalency:  
CHM 241 and 243 or 245  
BIO 141, 231 or NAS 162  
MTH 146, 157, 240, 241 or 242  
[Transfer Guide](#)

### YEAR 3 - JUNIOR (36 CREDITS)

#### FALL SEMESTER (17 credits)

Major Coursework:  
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

No VCCS Equivalency:

#### SPRING SEMESTER (18 credits)

Major Coursework:  
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

No VCCS Equivalency:

#### SUMMER SEMESTER (2 Credits)

MEDT 320 Phlebotomy Methods

### YEAR 4 - SENIOR (32 CREDITS)

#### FALL SEMESTER (12 credits)

Major Coursework:  
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\*\*

No VCCS Equivalency:

#### SPRING SEMESTER (20 credits)

Major Coursework:  
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

No VCCS Equivalency:

\*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.