

**2014 - 2015 Old Dominion University Catalog
Bachelor of Science in Medical Technology**

Sample four year curriculum with a suggested ordering of courses based on placement into MATH 102M.

Students may re-order as needed.

YEAR 1 - FRESHMAN (27 CREDITS)

FALL SEMESTER (14 credits)		SPRING SEMESTER (13 credits)	
<u>General Education Coursework:</u>	<u>Credits</u>	<u>General Education Coursework:</u>	<u>Credits</u>
*ENGL 110C English Composition I	3	*ENGL 211C, 221C or 231C English Comp II	3
*MATH 102M College Algebra	3	*CHEM 121N/122N Foundations of Chemistry I	4
*BIOL 121N/122N General Biology I	4	Human Creativity	3
Information Literacy and Research (or other Gen Ed)	3	Interpreting the Past (or other Gen Ed)	3

YEAR 2 - SOPHOMORE (28 CREDITS)

FALL SEMESTER (13 credits)		SPRING SEMESTER (12 credits) Apply to MEDT by Feb. 1st	
<u>General Education Coursework:</u>	<u>Credits</u>	<u>General Education Coursework:</u>	<u>Credits</u>
*CHEM 123N/124N Foundations of Chemistry II	4	*STAT 130M	3
*BIOL 250 Anatomy & Physiology I	4	*BIOL 251 Anatomy & Physiology II	4
Human Behavior (or other Gen Ed)	3	Literature (or other Gen Ed)	3
MEDT 210 Orientation to Med. Tech.	1	MEDT 310/313 Urinalysis/Body Fluids	2
		*CHEM 211/212 Organic Chemistry	5

YEAR 3 - JUNIOR (32 CREDITS)

FALL SEMESTER (16 credits)		SPRING SEMESTER (16 credits)	
<u>Major Coursework:</u>	<u>Major Coursework:</u>	<u>Major Coursework:</u>	<u>Credits</u>
MEDT 307 Clinical Methods in Micro.	2	MEDT 309 Medical Bacteriology	3
MEDT 308 Clinical Microbiology	3	MEDT 319 Medical Bacteriology Methods	2
MEDT 311/312 Hematology and Lab	4	MEDT 326/336 Immunohematology and Lab	4
MEDT 324 Clinical Instrumentation and Electronics	3	MEDT 327 Hemostasis	1
MEDT 325 Clinical Instrumentation Methods	1	MEDT 337 Advanced Hematology	1
MEDT 330/331 Clinical Immunology/Serology and lab	3	MEDT 340/339 Parasitology/Mycolgoy, Virology and Lab	2
		MEDT 351 Clinical Biochemistry	3

SUMMER SEMESTER (3 Credits)

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

MEDT 320 Phlebotomy Methods	2
MEDT 458 Clinical Phlebotomy Practicum	1

YEAR 4 - SENIOR (32 CREDITS)

FALL SEMESTER (12 credits)		SPRING SEMESTER (20 credits)	
<u>Major Coursework:</u>	<u>Credits</u>	<u>Major Coursework:</u>	<u>Credits</u>
MEDT 403W Mgmt in a Clinical Setting	3	MEDT 404 Clinical Hematology Practicum	4
MEDT 440 Stat Applications and Data	3	MEDT 406 Clinical Micro. Practicum	5
Impact of Technology/Option D (satisfied by 300/400 level Impact of Technology "T" course)	3	MEDT 452 Clinical Biochem Practicum	5
Philosophy and Ethics/Option D (satisfied by 300 or 400 level Philosophy course; PHIL 345E preferred)	3	MEDT 454 Clinical Blood Bank Practicum	4
		MEDT 457 Medical Technology Seminar	1

*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.

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.