

Bachelor of Science in Medical Technology
OLD DOMINION UNIVERSITY

NAME: _____
 UIN _____
 PHONE _____

2004-06 Old Dominion University Catalog

Students earning the AS, AA, or AA&S (or university parallel) degree from a Virginia Community College automatically satisfy the lower division general education requirements. **General Education courses marked with * require a grade of C or better to transfer. The remaining lower division courses are automatically satisfied by the AS (including foreign language), regardless of the grade earned.** Additionally, courses in which a grade of AC-A or below are earned will not transfer. Therefore Community College degree holders who meet the General Education requirements may require additional credits to meet the 120 credit hour graduation minimum. **(AS=Associate degree)**

Entrance Writing Sample Placement Test: _____

LOWER DIVISION GENERAL EDUCATION

	Grade/Credits
Written Communication	
ENGL 110C	3 _____
ENGL 111C, 131C, HIST 111C, or PHIL 111C	3 _____
<u>Oral Communication</u> (satisfied through major course requirements)	
<u>Mathematics</u>	
STAT 130M	3 _____*
MATH 102M#	3 _____#
(#Students may also need MATH 102M to satisfy prerequisite requirements for BIOL 115N and CHEM 115N-116N)	
<u>Foreign Language Skills</u>	0-6 _____
Proficiency through 102F level	
<u>Computer Skills</u> (satisfied in the major)	0-3 _____
<u>Fine and Performing Arts</u>	3 _____
ARTH 121A, ARTS 122A, MUSC 264A, DANC 185A, THEA 241A	
<u>History</u>	
HIST 101H, 102H, 103H, 104H, or 105H	3 _____
<u>Literature</u>	
ENGL 112L, 144L or FLET 100L	3 _____
<u>Philosophy</u>	
PHIL 110P, 120P, or 150P	3 _____
<u>Natural Science and Technology</u>	
BIOL 115N	4 _____*
CHEM 115N	4 _____*
CEHM 116N	4 _____*
<u>Social Science</u>	
ANTR 110S; CRJS 215S; COMM 200S; ECON 200S, 201S, 202S; GEOG 100S, 101S; POLS 100S, 101S; PSYC 201S, 203S; SOC 201S; WMST 201S	3 _____
Departmental Requirements	
BIOL 250 Human Anatomy and Physiology I	4 _____
BIOL 251 Human Anatomy and Physiology II	4 _____
CHEM 311-312 Organic Chemistry with Lab	5 _____
Students must complete the following courses prior to entering the medical technology program: BIOL 115N, 250-251; CHEM 115N-116N, 311-312; and STAT 130M.	
Major Requirements	
Third Year-Fall	
MEDT 210 Orientation to Med Technology/Clinical Lab Science	1 _____
MEDT 307 Clinical Methods in Microbiology	2 _____
MEDT 308 Clinical Microbiology	3 _____
MEDT 311 Hematology	3 _____
MEDT 312 Hematology Lab	1 _____
MEDT 324 Clinical Instrumentation and Electronics	3 _____
MEDT 325 Clinical Instrumentation Methods	1 _____
MEDT 330 Clinical Immunology/Serology	2 _____
MEDT 331 Clinical Immunology/Serology Lab	1 _____
Third Year-Spring	
MEDT 309 Medical Bacteriology	3 _____
MEDT 310 Urinalysis/Body Fluids	1 _____
MEDT 313 Diagnostic Methods in Urinalysis	1 _____
MEDT 319 Medical Bacteriology Methods	2 _____
MEDT 326 Immunohematology	3 _____
MEDT 336 Immunohematology Lab	1 _____
MEDT 327 Hemostasis	1 _____
MEDT 337 Advanced Hemostasis	1 _____
MEDT 328 Medical Parasitology, Mycology and Virology	1 _____
MEDT 339 Parasitology, Mycology and Virology Lab	1 _____
MEDT 351 Clinical Biochemistry	3 _____
Third Year-Summer	
MEDT 320 Phlebotomy Methods	2 _____
Clinical Practica 5 to 6 credits from spring courses	
Fourth Year-Fall	
MEDT 403W Management in the Clinical Setting	3 _____

MEDT 440 Statistical Applications and Data Analysis in the Clinical Laboratory

3

Fourth Year Spring

MEDT 404 Clinical Hematology Practicum

4

MEDT 406 Clinical Microbiology Practicum

5

MEDT 452 Clinical Biochemistry Practicum

5

MEDT 454 Clinical Blood Bank Practicum

4

MEDT 457 Medical Technology Seminar

1

MEDT 458 Clinical Phlebotomy Practicum

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UPPER DIVISION GENERAL EDUCATION

Option A. Approved Minor, 12-24 hours; also second degree or second major.

Option B. Cluster, 9 hours (3 hours may be in the major area of study.)

Requirements for graduation include a minimum cumulative grade point average of 2.00 overall and in the major, minimum 122 credit hours, passage of the Exit Examination of Writing Proficiency, and completion of Senior Assessment.