

Bachelor of Science in Medical Technology
OLD DOMINION UNIVERSITY
2009-2010 Old Dominion University Catalog

NAME: _____
 UIN _____
 PHONE _____

Entrance Writing Sample Placement Test: _____

LOWER DIVISION GENERAL EDUCATION

Grade/Credits

Written Communication	
ENGL 110C	_____3_____
ENGL 111C or 131C	_____3_____
<u>Oral Communication</u> (satisfied through major course requirements)	
<u>Mathematics</u>	
STAT 130M (Required)	_____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_____
<u>Computer Skills</u> (satisfied through major course requirements)	_____0-3_____
<u>Fine and Performing Arts</u>	_____3_____
ARTH 121A, ARTS 122A, MUSC 264A, DANC 185A, THEA 241A, COMM/THEA 270A	
<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 211-212 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, 211-212; 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 339 Parasitology, Mycology and Virology Lab	_____1_____
MEDT 340 Medical Parasitology, Mycology and Virology	_____2_____
MEDT 351 Clinical Biochemistry	_____3_____

Third Year-Summer

MEDT 320 Phlebotomy Methods

2

Clinical Practica 5-to-6 credits from spring courses

5-6**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 Elective Practicum

1**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.)

Option C. Two Upper Level courses from another college outside of the college and not required by the major (6 hours).

Requirements for graduation include a minimum cumulative grade point average of 2.00 overall and in the major, minimum 121 credit hours, passage of the Exit Examination of Writing Proficiency, and completion of Senior Assessment.