

Bachelor of Science in Medical Technology**OLD DOMINION UNIVERSITY****2008-2009 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 C- 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

Written Communication

ENGL 110C _____ 3 [See Transfer guide](#)

ENGL 111C or 131C _____ 3 [See Transfer guide](#)

Oral Communication (satisfied through major course requirements)

Mathematics

STAT 130M _____ 3 [MTH 146, 157, 240, 241, 242, *](#)

MATH 102M# _____ 3 [MTH 158 or 165*](#)

(#Students may also need MATH 102M to satisfy prerequisite requirements for BIOL 115N and CHEM 115N-116N)

Foreign Language Skills

Proficiency through 102F level _____ 0-6 [See Transfer guide](#)

Computer Skills (satisfied in the major) _____ 0-3 _____

Fine and Performing Arts

ARTH 121A, ARTS 122A, MUSC 264A, DANC 185A, THEA 241A _____ 3 [See Transfer guide](#)

History

HIST 101H, 102H, 103H, 104H, or 105H _____ 3 [See Transfer guide](#)

Literature

ENGL 112L, 144L or FLET 100L _____ 3 [See Transfer guide](#)

Philosophy

PHIL 110P, 120P, or 150P _____ 3 [See Transfer guide](#)

Natural Science and Technology

BIOL 115N _____ 4 [BIO 101*](#)

CHEM 115N _____ 4 [CHM 111*](#)

CEHM 116N _____ 4 [CHM 112*](#)

Social Science

ANTR 110S; CRJS 215S; COMM 200S; ECON 200S, 201S, 202S; GEOG 100S, 101S; _____ 3 [See Transfer guide](#)

POLS 100S, 101S; PSYC 201S, 203S; SOC 201S; WMST 201S

Departmental Requirements

BIOL 250 Human Anatomy and Physiology I _____ 4 [BIO 140 or 231*](#)

BIOL 251 Human Anatomy and Physiology II _____ 4 [BIO 141 or 232*](#)

CHEM 211-212 Organic Chemistry with Lab _____ 5 [CHM 241 & 234 OR 242 & 244*](#)

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 _____

NAME: _____

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PHONE _____

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.)

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.