### Lower Division General Education and Departmental Requirements

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<th>Course Code</th>
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<th>VCCS Equivalency</th>
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<tr>
<td>ENGL 110C</td>
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<td>MATH 102M</td>
<td>College Algebra or MATH 162M: Precalculus</td>
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<td>BIO 121N/122N</td>
<td>General Biology I</td>
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<td>CHEM 123N/124N</td>
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<td>BIO 250</td>
<td>Human Anatomy and Physiology I</td>
<td>BIO 141, 231 or NAS 161</td>
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#### FALL SEMESTER (12 credits)

- MLS 311 Hematology
- MLS 324 Clinical Instrumentation and Electronics
- Option D: Any six (6) credit hours of 300/400 level courses
- MLS 350 Urinalysis and Body Fluids
- MLS 351 Clinical Biochemistry
- MLS 390 Medical Microbiology
- MLS 444 Immunohematology Competencies

#### SPRING SEMESTER (8 credits)

- MLS 315 Clinical Laboratory Diagnosis
- MLS 326 Immunohematology
- MLS 340 Parasitology/Mycology, Virology
- MLS 441 Hematology Competencies

#### SUMMER SEMESTER (8 Credits)

- MLS 403W Mgmt in a Clinical Setting
- MLS 440 Stat Applications and Data
- MLS 442 Microbiology Competencies
- MLS 443 Clinical Chemistry Competencies

### 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.

*Program admissions requirements: Students must graduate from a formal accredited medical laboratory training program and be currently employed in a full service clinical laboratory. MLS certification is required for admission. All general education requirements and the following departmental requirements must be complete prior to entering the BSMLS to MLS Degree Completion Program: BIO 121N/122N, BIOL 250 & 251, CHEM 121N/122N, 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:** 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.