### General Education Coursework:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 110C</td>
<td>English Composition I</td>
<td>3</td>
</tr>
<tr>
<td>*MATH 102M</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>*BIOL 121N/122N</td>
<td>General Biology I</td>
<td>4</td>
</tr>
<tr>
<td>Information Literacy and Research (or other Gen Ed)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CHEM 121N/122N</td>
<td>Foundations of Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>Human Creativity</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Interpreting the Past (or other Gen Ed)</td>
<td>3</td>
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</tbody>
</table>

### Information Literacy and Research (or other Gen Ed)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CHEM 123N/124N</td>
<td>Foundations of Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>*STAT 130M</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>*BIOL 250</td>
<td>Anatomy &amp; Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>Human Behavior (or other Gen Ed)</td>
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<td></td>
</tr>
<tr>
<td>MEDT 210 Orientation to Med. Tech.</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>MEDT 310/313 Urinalysis/Body Fluids</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>*CHEM 211/212</td>
<td>Organic Chemistry</td>
<td>5</td>
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### Major Coursework:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEDT 307</td>
<td>Clinical Methods in Micro.</td>
<td>2</td>
</tr>
<tr>
<td>MEDT 308</td>
<td>Clinical Microbiology</td>
<td>3</td>
</tr>
<tr>
<td>MEDT 311/312</td>
<td>Hematology and Lab</td>
<td>4</td>
</tr>
<tr>
<td>MEDT 324</td>
<td>Clinical Instrumentation and Electronics</td>
<td>3</td>
</tr>
<tr>
<td>MEDT 325</td>
<td>Clinical Instrumentation Methods</td>
<td>1</td>
</tr>
<tr>
<td>MEDT 330/331</td>
<td>Clinical Immunology/Serology and lab</td>
<td>3</td>
</tr>
</tbody>
</table>

###fall Semester (14 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEDT 307</td>
<td>Clinical Methods in Micro.</td>
<td>2</td>
</tr>
<tr>
<td>MEDT 308</td>
<td>Clinical Microbiology</td>
<td>3</td>
</tr>
<tr>
<td>MEDT 311/312</td>
<td>Hematology and Lab</td>
<td>4</td>
</tr>
<tr>
<td>MEDT 324</td>
<td>Clinical Instrumentation and Electronics</td>
<td>3</td>
</tr>
<tr>
<td>MEDT 325</td>
<td>Clinical Instrumentation Methods</td>
<td>1</td>
</tr>
<tr>
<td>MEDT 330/331</td>
<td>Clinical Immunology/Serology and lab</td>
<td>3</td>
</tr>
</tbody>
</table>

### Spring Semester (13 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEDT 308</td>
<td>Clinical Microbiology</td>
<td>3</td>
</tr>
<tr>
<td>MEDT 311/312</td>
<td>Hematology and Lab</td>
<td>4</td>
</tr>
<tr>
<td>MEDT 324</td>
<td>Clinical Instrumentation and Electronics</td>
<td>3</td>
</tr>
<tr>
<td>MEDT 325</td>
<td>Clinical Instrumentation Methods</td>
<td>1</td>
</tr>
<tr>
<td>MEDT 330/331</td>
<td>Clinical Immunology/Serology and lab</td>
<td>3</td>
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</tbody>
</table>

### Summer Semester (3 Credits)

- MEDT 320 Phlebotomy Methods
- MEDT 458 Clinical Phlebotomy Practicum

### Year 2 - Sophomore (28 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEDT 340/339</td>
<td>Parasitology/Mycology, Virology and Lab</td>
<td>2</td>
</tr>
<tr>
<td>MEDT 351</td>
<td>Clinical Biochemistry</td>
<td>3</td>
</tr>
</tbody>
</table>

### Year 3 - Junior (32 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEDT 340</td>
<td>Medical Bacteriology</td>
<td>3</td>
</tr>
<tr>
<td>MEDT 319</td>
<td>Medical Bacteriology Methods</td>
<td>2</td>
</tr>
<tr>
<td>MEDT 326</td>
<td>Immunohematology and Lab</td>
<td>4</td>
</tr>
<tr>
<td>MEDT 327</td>
<td>Hemostasis</td>
<td>1</td>
</tr>
<tr>
<td>MEDT 333</td>
<td>Advanced Hematology</td>
<td>1</td>
</tr>
<tr>
<td>MEDT 350</td>
<td>Clinical Biochemistry</td>
<td>3</td>
</tr>
</tbody>
</table>

### Year 4 - Senior (32 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEDT 403W</td>
<td>Mgmt in a Clinical Setting</td>
<td>3</td>
</tr>
<tr>
<td>MEDT 440</td>
<td>Stat Applications and Data</td>
<td>3</td>
</tr>
<tr>
<td>Impact of Technology/Option D (satisfied by 300/400 level Impact of Technology &quot;T&quot; course)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Philosophy and Ethics/Option D (satisfied by 300 or 400 level Philosophy course; PHIL 345E preferred)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MEDT 404</td>
<td>Medical Hematology Practicum</td>
<td>4</td>
</tr>
<tr>
<td>MEDT 406</td>
<td>Clinical Micro. Practicum</td>
<td>5</td>
</tr>
<tr>
<td>MEDT 452</td>
<td>Clinical Biochem Practicum</td>
<td>5</td>
</tr>
<tr>
<td>MEDT 454</td>
<td>Clinical Blood Bank Practicum</td>
<td>4</td>
</tr>
<tr>
<td>MEDT 457</td>
<td>Medical Technology Seminar</td>
<td>1</td>
</tr>
</tbody>
</table>

### 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.

### Graduation Requirements:

- Requirements for graduation include a minimum cumulative grade point average of 2.00 overall and in the major, a minimum of 120 credits.

### Notes:

- 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 one or 2 years of two languages in high school; graduation from HS prior to 12/31/85, or with AA or AS Degree from VCCS.
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.