### UNIVERSITY POLICIES

- Refer to the SU catalog for approved prerequisites and General Education courses.
- All graduates must have a minimum of 120 credits.
- All graduates must have a minimum of 30 credits of 300/400-level courses with C grade or above; at least 15 of those credits must be taken at SU.
- Students must have a minimum cumulative GPA of 2.0 for graduation.
- Students must complete at least 30 credit hours by direct classroom instruction and/or laboratory experience.
- Students must take 30 of the last 37 credit hours at SU.
- **Bold courses are foundation courses and are required for courses later in the sequence.**

### First Year

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 121</td>
<td>General Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 103</td>
<td>Composition and Research</td>
<td>4</td>
</tr>
<tr>
<td>MATH 155</td>
<td>Modern Statistics</td>
<td>3</td>
</tr>
<tr>
<td>FTWL 106</td>
<td>Lifelong Fitness and Wellness</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 215</td>
<td>Anatomy and Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 122</td>
<td>General Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>IB</td>
<td>Gen. Ed. Literature course</td>
<td>4</td>
</tr>
<tr>
<td>HIST 10X</td>
<td>Gen. Ed. IIA (HIST 101, 102 or 103)</td>
<td>4</td>
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</tbody>
</table>

**Winter/Summer Term**

List courses that were taken during winter/summer terms:

- FTWL 106
- FTWL 107

**Second Year**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BIOL 211</td>
<td>Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 216</td>
<td>Anatomy and Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>MDTC 101</td>
<td>Lab Safety</td>
<td>4</td>
</tr>
<tr>
<td>IIIB</td>
<td>General Ed. Social Science course (PSYC 101)</td>
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<tr>
<td>MDTC 101</td>
<td>General Ed. Social Science course (PSYC 101)</td>
<td>1</td>
</tr>
<tr>
<td>MDTC 102</td>
<td>General Ed. Social Science course (PSYC 101)</td>
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<tr>
<td>HIST XXX</td>
<td>General Ed. IIB History course</td>
<td>4</td>
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<tr>
<td>IIIA</td>
<td>General Ed. Humanities course</td>
<td>4</td>
</tr>
<tr>
<td>IICC</td>
<td>General Ed. Humanities or Social Science course</td>
<td>3-4</td>
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**Winter/Summer Term**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BIOL 210</td>
<td>Biology: Concepts and Methods</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 221</td>
<td>Organic Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>HIST XXX</td>
<td>General Ed. IIB History course</td>
<td>4</td>
</tr>
<tr>
<td>IIIA</td>
<td>General Ed. Humanities course</td>
<td>4</td>
</tr>
<tr>
<td>IICC</td>
<td>General Ed. Humanities or Social Science course</td>
<td>3-4</td>
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**Fourth Year**

<table>
<thead>
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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MDTC 401</td>
<td>Hematology II</td>
<td>4</td>
</tr>
<tr>
<td>MDTC 411</td>
<td>Clinical Microbiology II</td>
<td>4</td>
</tr>
<tr>
<td>MDTC 431</td>
<td>Intro. to Transfusion Services</td>
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</tr>
<tr>
<td>MDTC 441</td>
<td>Clinical Biochemistry II</td>
<td>4</td>
</tr>
</tbody>
</table>

**Winter Term**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDTC 402</td>
<td>Hematology III</td>
<td>3</td>
</tr>
<tr>
<td>MDTC 403</td>
<td>Urine and BF Analysis</td>
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</tr>
<tr>
<td>MDTC 412</td>
<td>Clinical Micro. III</td>
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</tr>
<tr>
<td>MDTC 413</td>
<td>Clinical Immunology</td>
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<tr>
<td>MDTC 432</td>
<td>Clinical Transfusion Services</td>
<td>3</td>
</tr>
<tr>
<td>MDTC 442</td>
<td>Automated Clinical Chemistry</td>
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</tr>
<tr>
<td>MDTC 443</td>
<td>Special Clinical Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>MDTC 461</td>
<td>Organ. and Management</td>
<td>2</td>
</tr>
<tr>
<td>MDTC 471</td>
<td>Clinical Seminar</td>
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</table>

### NOTES:

- Courses in **bold** must be completed before the fall of the junior year. The exact sequence shown is **NOT** a requirement for entry into the program.
- Courses **CAN** be in progress during the semester of application to the MLS Program (spring sophomore year).
- This course sequence was developed to assist students interested in healthcare graduate school and includes many courses not required for the MLS Program. It covers many popular options, but not all. Students will need to craft their own 4-year plan with an advisor based on their aspirations.
- Admission to the MLS Program is competitive, and admission to the University does not guarantee acceptance to begin upper-division MLS courses.
- Contact the program director for additional clarification.
- Transfer students and medical laboratory technicians should seek individual advisement from program faculty to prevent duplication of course work and/or experiences.