**Planning Sheet for Metropolitan State University**

**MLS Program Prerequisites:** Required prerequisites must be complete by the end of spring semester the year of transfer for year 3 entry. Care must be taken in scheduling courses; they may not be available every semester. Talk with your adviser for course planning and sequencing.

- All prerequisite science courses must be taken A/F and a grade of C or higher must be earned.

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Metro courses that fulfill prerequisite requirements</th>
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<tbody>
<tr>
<td></td>
<td>Semester course</td>
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<tr>
<td>Statistics</td>
<td>STAT 321 Biostatistics</td>
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<tr>
<td>Mathematics</td>
<td>MATH 210 Calculus I</td>
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<tr>
<td>General Chemistry with lab</td>
<td>CHEM 111/111L General Chemistry I and Lab AND CHEM 112/112L General Chemistry II and Lab</td>
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<tr>
<td>8 semester credits</td>
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<tr>
<td>Organic Chemistry</td>
<td>CHEM 231 Organic Chemistry I AND CHEM 332 Organic Chemistry II</td>
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<tr>
<td>6 semester credits</td>
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<tr>
<td>Biology</td>
<td>BIOL 111 General Biology I</td>
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<tr>
<td>Physiology</td>
<td>Metro State does not have an equivalent course. Approved course must be completed at another accredited institution.</td>
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<tr>
<td>Liberal Education (LE)</td>
<td>We recommend transfer students complete the Minnesota Transfer Curriculum (MnTC) to fulfill LE requirements prior to being admitted to the MLS program.</td>
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<tr>
<td>Requirements</td>
<td></td>
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</tbody>
</table>

*Please be aware that admissions criteria and prerequisite requirements can change from year to year. It is the prospective applicant’s responsibility to be up-to-date on all MLS requirements prior to applying to the program.*

For more detailed information about the program and admission requirements please visit our website, [www.cahp.umn.edu](http://www.cahp.umn.edu). Questions about the program and admissions can be emailed to [cahpinfo@umn.edu](mailto:cahpinfo@umn.edu) or contact us by phone (877) 334-2659. Please note our CAHP advisors are available by appointment only.

**Other Course Recommendations***

- Introduction to Medical Laboratory Science – MLSP 1010 (1 cr.)
- A course in medical terminology – PHAR 1002 – Health Sciences Terminology (2 cr.)
- A course in study skills - LASK 1001 – Mastering Skills for College Success (2 cr.)
- Cell Biology - BIOL 4004 or GCD 3033 (3 cr.)
- Pathology for Allied Health Students - LAMP 4177 (3 cr.)

*Recommended courses are specific to the University of Minnesota, Twin Cities but can be completed as a non-degree seeking student through our College of Continuing Education.*
Admission is based on the below primary factors. There are a number of secondary factors also taken into consideration, please visit our website for more detailed information about our application review criteria.

- Minimum GPA of 2.75; 3.0 or higher is considered competitive
  - Cumulative GPA – entire academic record
  - Prerequisite GPA
  - Science and Math GPA – all physical science and math courses completed at the college level

- Completion of the UMN Liberal Education requirements prior to the start of year 4 of the program.
- Rating on the personal interview and skills assessment

How to Apply

1. Attend a MLS First Step Session and complete our Program Diagnostic Assessment. Information about MLS First Step Sessions can be found on our website, [http://cahp.umn.edu/mls-first-step-sessions](http://cahp.umn.edu/mls-first-step-sessions).
2. Apply for general admission to the UMN through our Transfer Admissions Office, [http://admissions.tc.umn.edu/admissioninfo/trans.html](http://admissions.tc.umn.edu/admissioninfo/trans.html) for those students who have never been enrolled in a degree seeking program at a U of MN coordinate campus.
3. COMPLETE THE MLS ONLINE APPLICATION FORM with application fee. The MLS application is located on the CAHP website, [http://cahp.umn.edu](http://cahp.umn.edu). Please refer to the program website for application deadlines and answers to frequently asked questions.

Year 3 Courses can be completed prior to admission: The following courses make up the year 3 curriculum. Students who wish to apply directly to year 4 of the program must complete all prerequisites and year 3 courses prior by the end of spring semester the year of transfer. All year 3 courses must be taken A/F and a grade of C or higher must be earned.

<table>
<thead>
<tr>
<th>Year 3 Requirements</th>
<th>Course Number</th>
<th>Cr. Total</th>
<th>Grade</th>
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<tbody>
<tr>
<td>Biochemistry*</td>
<td>BIOC 3021 Biochemistry</td>
<td>3</td>
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<tr>
<td>Genetics*</td>
<td>GCD 3022 Genetics</td>
<td>3</td>
<td></td>
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<tr>
<td>Microbiology with Laboratory*</td>
<td>VBS 2032 General Microbiology</td>
<td>5</td>
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<tr>
<td>Immunobiology*</td>
<td>MLSP 5511 *offered fall &amp; summer semesters only</td>
<td>3</td>
<td></td>
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<tr>
<td>Biomedical Laboratory Techniques*</td>
<td>MLSP 5311 *offered spring &amp; summer semesters only</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Education and Professional Issues (online)*</td>
<td>MLSP 5011W *offered spring &amp; summer semesters only</td>
<td>2</td>
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</tbody>
</table>

* Year 3 courses marked with an asterisks (*) are specific to the University of Minnesota, Twin Cities but can be completed as a non-degree seeking student through our College of Continuing Education.