<table>
<thead>
<tr>
<th>Fall</th>
<th>Cr. Hrs.</th>
<th>Sem. Comp.</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>YEAR 1</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL 1040 (f)</td>
<td>Principles of Biology I</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>CHEM 1110/1115 (a)</td>
<td>General Chemistry I &amp; Lab</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>BLS 1100 (f) BLS 1150(c)</td>
<td>Foundations of Medical Lab Science</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>BLS 1150 (f) BLS 1100(c)</td>
<td>Foundations of Medical Lab Science (Lab)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>ENGL 1900 (a)</td>
<td>Advanced Strategies of Rhetoric &amp; Pre-Calculus</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MATH 1400 (a) MATH 1200 or placement(p)</td>
<td>Pre-Calculus</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>YEAR 2</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL 1060 (sp) BIOL 1040(p)</td>
<td>Principles of Biology II</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>CHEM 1120/1125 (a) CHEM 1110/1115 (p)</td>
<td>General Chemistry II &amp; Lab</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>IPE 1100 (f, sp)</td>
<td>Introduction to Interprofessional Healthca</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>HCE 2010 (f, sp)</td>
<td>Foundations in Clinical Healthcare Ethics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>THEO 1000 (a)</td>
<td>Theological Foundations</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>YEAR 3</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL 1040(p), CHEM 1120/1125(p)</td>
<td>Cell Biochemistry &amp; Molecular Biology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CHEM 2410/2415 (f, su) CHEM 1120/1125(p)</td>
<td>Principles of Organic Chemistry I &amp; Lab</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>PPY 2540 (f)</td>
<td>Human Physiology</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>PHIL 1050 (a)</td>
<td>Introduction to Philosophy</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>XXXXRQ (a)</td>
<td>Social Science Elective</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>YEAR 4</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL 1040(p), CHEM 1120/1125(p)</td>
<td>Cell Biochemistry &amp; Molecular Biology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CHEM 2410/2415 (f, su) CHEM 1120/1125(p)</td>
<td>Principles of Organic Chemistry I &amp; Lab</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>PPY 2540 (f)</td>
<td>Human Physiology</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>PHIL 1050 (a)</td>
<td>Introduction to Philosophy</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>XXXXRQ (a)</td>
<td>Social Science Elective</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>YEAR 5</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL 1040(p), CHEM 1120/1125(p)</td>
<td>Cell Biochemistry &amp; Molecular Biology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CHEM 2410/2415 (f, su) CHEM 1120/1125(p)</td>
<td>Principles of Organic Chemistry I &amp; Lab</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>PPY 2540 (f)</td>
<td>Human Physiology</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>PHIL 1050 (a)</td>
<td>Introduction to Philosophy</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>XXXXRQ (a)</td>
<td>Social Science Elective</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

Updated 5/2015
<table>
<thead>
<tr>
<th>Summer</th>
<th>YEAR 3</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 Credits of Clinical Practica from Fall from below</td>
<td>Arranged with department</td>
<td>(6)</td>
</tr>
<tr>
<td>MLS 4160 (f)</td>
<td>BIO 1040(p), CHEM 1120(p); BIO 3020 recommended. MLS stand, CYTO JR/PB; BLS 4130(c)</td>
<td>Molecular Biology Lab</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fall</th>
<th>YEAR 4</th>
<th>13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remaining 13 credits</td>
<td>Clinical Practica Courses</td>
<td>(13)</td>
</tr>
<tr>
<td>MLS 4700 (f)</td>
<td>BLS 4110(p), BLS 4120(p), MLS 4150(p); MLS only, MLS 4710(c)</td>
<td>Clinical Chemistry Routine Testing Practicum</td>
</tr>
<tr>
<td>MLS 4710 (f)</td>
<td>BLS 4110(p), BLS 4120(p), MLS 4150(p); MLS only, MLS 4700(c)</td>
<td>Clinical Chemistry Routine Testing</td>
</tr>
<tr>
<td>MLS 4720 (f)</td>
<td>BLS 4110(p), BLS 4120(p), MLS 4150(p); MLS only, MLS 4730(c)</td>
<td>Clinical Chemistry Special Testing Practicum</td>
</tr>
<tr>
<td>MLS 4730 (f)</td>
<td>BLS 4110(p), BLS 4120(p), MLS 4150(p); MLS only, MLS 4720(c)</td>
<td>Clinical Chemistry Special Testing</td>
</tr>
<tr>
<td>MLS 4740 (f)</td>
<td>BLS 4120(p), MLS 4250(p); MLS only, MLS 4750(c)</td>
<td>Clinical Hematology Practicum</td>
</tr>
<tr>
<td>MLS 4750 (f)</td>
<td>BLS 4210(p), MLS 4250(p); MLS only, MLS 4740(c)</td>
<td>Clinical Hematology</td>
</tr>
<tr>
<td>MLS 4760 (f)</td>
<td>BLS 4220(p); MLS only</td>
<td>Clinical Hemostasis Practicum</td>
</tr>
<tr>
<td>MLS 4770 (f)</td>
<td>MLS only</td>
<td>Clinical Phlebotomy Practicum</td>
</tr>
<tr>
<td>MLS 4780 (f)</td>
<td>BLS 4310(p), MLS 4350(p); MLS only, MLS 4790(c)</td>
<td>Clinical Immunohematology Practicum</td>
</tr>
<tr>
<td>MLS 4790 (f)</td>
<td>BLS 4310(p), MLS 4350(p); MLS only, MLS 4780(c)</td>
<td>Clinical Immunohematology</td>
</tr>
<tr>
<td>MLS 4800 (f)</td>
<td>BLS 4510(p), MLS 4520(p), MLS 4550(p); MLS only, MLS 4810(c)</td>
<td>Clinical Microbiology Practicum</td>
</tr>
<tr>
<td>MLS 4810 (f)</td>
<td>BLS 4510(p), MLS 4520(p), MLS 4550(p); MLS only, MLS 4800(c)</td>
<td>Clinical Microbiology</td>
</tr>
<tr>
<td>MLS 4820 (f)</td>
<td>BLS 3110(p), MLS 3150(p); MLS only</td>
<td>Clinical Urinalysis Practicum</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Spring</th>
<th>YEAR 4</th>
<th>14</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLS 4630 (sp)</td>
<td>MLS/IMS JR&amp;SR, CYTO JR, BLS 4620/4850(c)</td>
<td>Senior Seminar</td>
</tr>
<tr>
<td>BLS 4850 (sp)</td>
<td>BLS 4610(p), SR, BLS 4630(c)</td>
<td>Research</td>
</tr>
<tr>
<td>MLS 4530 (sp)</td>
<td>BLS 4510(p); MLS only</td>
<td>Medical Mycology</td>
</tr>
<tr>
<td>MLS 4540 (sp)</td>
<td>BLS 4510(p); MLS only</td>
<td>Medical Parasitology</td>
</tr>
<tr>
<td>MLS 4560/4570 (sp)</td>
<td>MLS only; MLS 4530 &amp; 4540(c)</td>
<td>Medical Mycology/Parasitology Lab</td>
</tr>
<tr>
<td>MLS 4610 (sp)</td>
<td>MLS 4700 &amp; 4820(p)</td>
<td>Advanced Topics &amp; Case Correlations</td>
</tr>
<tr>
<td>MLS 3200 (sp)</td>
<td>MLS only</td>
<td>Principles of Clinical Education</td>
</tr>
<tr>
<td>MLS 3300 (sp)</td>
<td>MLS, CYTO SR/PB</td>
<td>Clinical Laboratory Management</td>
</tr>
<tr>
<td>XXXXRQ. (a)</td>
<td>Fine Arts Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

Updated 5/2015