## MEDICAL LAB SCIENCES - MDT

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MDT 280</td>
<td>Seminar: Sophomore Level I</td>
<td>1</td>
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<tr>
<td></td>
<td>Introduction to the Clinical Science Laboratory</td>
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<td></td>
<td>profession from variety of perspectives: history, present state of health-care delivery, job opportunities, organization of hospital laboratory. Tour of hospital laboratory.</td>
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<td><strong>Prerequisite:</strong> permission of program director.</td>
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<tr>
<td>MDT 281</td>
<td>Seminar: Sophomore Level II</td>
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<td></td>
<td>Continuation of MDT 280.</td>
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<td><strong>Prerequisite:</strong> permission of program director.</td>
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<tr>
<td>MDT 380</td>
<td>Seminar: Junior Level I</td>
<td>1</td>
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<td></td>
<td>Advanced discussions of Clinical Science Laboratory theory and practice designed as preparation for senior-year hospital rotation. Tour of hospital laboratory.</td>
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<td><strong>Prerequisite:</strong> permission of program director.</td>
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<tr>
<td>MDT 381</td>
<td>Seminar: Junior Level II</td>
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<td>Continuation of MDT 380.</td>
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<td><strong>Prerequisite:</strong> MDT 380 and permission of program director.</td>
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<td>MDT 400</td>
<td>Hospital Rotation: Med Tech I</td>
<td>15</td>
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<td></td>
<td>A year-long, hospital based program. Students learn to perform, develop, evaluate, correlate and assure accuracy and validity of laboratory information in areas such as Clinical Chemistry, Hematology/Hemostasis, Immunology, Immunohematology/Transfusion Medicine, Microbiology, Urine and Body Fluid Analysis; direct and supervise clinical laboratory resources and operations; and collaborate in the diagnosis and treatment of patients.</td>
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<td><strong>Prerequisite:</strong> acceptance into a hospital-based clinical program.</td>
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<tr>
<td>MDT 401</td>
<td>Hospital Rotation: Med Tech II</td>
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<td></td>
<td>A year-long, hospital based program. Students learn to perform, develop, evaluate, correlate and assure accuracy and validity of laboratory information in areas such as Clinical Chemistry, Hematology/Hemostasis, Immunology, Immunohematology/Transfusion Medicine, Microbiology, Urine and Body Fluid Analysis; direct and supervise clinical laboratory resources and operations; and collaborate in the diagnosis and treatment of patients.</td>
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<td><strong>Prerequisite:</strong> MDT 400.</td>
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