# Diagnostic Medical Sonography Curriculum

## Pre-requisite Requirements - 19 credits

Courses (must have a B or higher grade to apply)

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 111</td>
<td>College Composition I (3cr) or higher English</td>
</tr>
<tr>
<td>SDV 101</td>
<td>Orientation to Healthcare (1cr) or SDV 100 or SDV ABLE exam</td>
</tr>
<tr>
<td>MTH 154</td>
<td>Quantitative Reasoning (3cr) or higher Math</td>
</tr>
<tr>
<td>BIO 141</td>
<td>Human Anatomy &amp; Physiology I w/Lab (4cr)</td>
</tr>
<tr>
<td>BIO 142</td>
<td>Human Anatomy &amp; Physiology II w/Lab (4cr)</td>
</tr>
<tr>
<td>PHY 101</td>
<td>Introduction to Physics I (4cr) or higher Physics</td>
</tr>
</tbody>
</table>

**Other Testing and Degree Requirements**

Complete English, Reading, and Math sections of TEAS; minimum score of 50 in each section

Previous bachelor’s degree in any field required for Vascular and Echocardiography (*not required for General*)

## DMS Core Curriculum

<table>
<thead>
<tr>
<th>Semester 1 – Fall (15cr)</th>
<th>Semester 2 – Fall (15cr)</th>
<th>Semester 3 – Summer (12cr)</th>
<th>Semester 4 – Fall (12cr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMS 190 Coordinated Internship (2cr)</td>
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<tr>
<td>DMS 206 Introduction to Sonography (3cr)</td>
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<tr>
<td>DMS 207 Sectional Anatomy (2cr)</td>
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<tr>
<td>DMS 217 Sectional Anatomy Lab (1cr)</td>
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<td>DMS 217 Sectional Anatomy Lab (1cr)</td>
</tr>
<tr>
<td>DMS 208 Ultrasound Physics I (2cr)</td>
<td>DMS 208 Ultrasound Physics I (2cr)</td>
<td>DMS 208 Ultrasound Physics I (2cr)</td>
<td>DMS 208 Ultrasound Physics I (2cr)</td>
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<tr>
<td>DMS 218 Ultrasound Physics I Lab (1cr)</td>
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<td>DMS 218 Ultrasound Physics I Lab (1cr)</td>
</tr>
<tr>
<td>HLT 141 Medical Terminology I (1cr)*</td>
<td>HLT 141 Medical Terminology I (1cr)*</td>
<td>HLT 141 Medical Terminology I (1cr)*</td>
<td>HLT 141 Medical Terminology I (1cr)*</td>
</tr>
<tr>
<td>HLT 220 Concepts of Disease (3cr)</td>
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<thead>
<tr>
<th>Semester 2 – Spring (14cr)</th>
<th>Semester 3 – Summer (8cr)</th>
<th>Semester 4 – Fall (10cr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMS 196 On-Site Sonography Training (3cr)</td>
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</tr>
<tr>
<td>DMS 209 Ultrasound Physics II (2cr)</td>
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</tr>
<tr>
<td>DMS 219 Ultrasound Physics II Lab (1cr)</td>
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</tr>
<tr>
<td>DMS 211 Abdominal Sonography w/Lab (4cr)</td>
<td>DMS 260 Vascular Sonography II w/Lab (4cr)</td>
<td>DMS 219 Ultrasound Physics II Lab (1cr)</td>
</tr>
<tr>
<td>DMS 212 Ob/Gyn Sonography w/Lab (4cr)</td>
<td>PSY 200 Principles of Psychology (3cr)</td>
<td>PSY 200 Principles of Psychology (3cr)</td>
</tr>
<tr>
<td>PSY 200 Principles of Psychology (3cr)**</td>
<td>DMS 231 Clinical Education I (3cr)</td>
<td>EMS 153 Basic ECG Recognition (2cr)</td>
</tr>
<tr>
<td>Humanities elective (3cr)**</td>
<td>DMS 256 Echo Case Study Review (1cr)</td>
<td>DMS 255 Echo Registry Review (2cr)</td>
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<tr>
<th>Semester 3 – Summer (12cr)</th>
<th>Semester 4 – Fall (12cr)</th>
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<tr>
<td>DMS 231 Clinical Education I (3cr)</td>
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</tr>
<tr>
<td>DMS 241 Advanced Abdominal w/Lab (3cr)</td>
<td>DMS 250 Echocardiography II w/Lab (4cr)</td>
</tr>
<tr>
<td>DMS 242 Advanced Ob/Gyn w/Lab (3cr)</td>
<td>DMS 256 Vascular Case Study Review (1cr)</td>
</tr>
<tr>
<td>Humanities elective (3cr)**</td>
<td>EMS 153 Basic ECG Recognition (2cr)**</td>
</tr>
</tbody>
</table>

| Total program: 72 credits | Total program: 67 credits | Total program: 69 credits |

* May substitute HIM 111 Medical Terminology for 3 credits or Medical Terminology ABLE exam available at MEC Testing Center

** Refer to General Education electives section of current college catalog for list of accepted humanities courses

DMS Curriculum – Last Revised 6/10/19