Program Requirements

The MS in Applied Anatomy degree requires a minimum of 30 credit hours. Required courses include 17 credit hours of the Anatomical Sciences Core Curriculum; the remaining credits are elective courses selected to fulfill individual student interests and goals. Dual degree MD/MS students are required to take at least one surgical anatomy course (ANAT 515 or ANAT 516), typically during their final year. A research thesis is required only for students pursuing the Plan A MS in Applied Anatomy degree; students pursuing the Plan B MS in Applied Anatomy degree can gain research experience by enrolling in ANAT 499 with individual faculty members.

Sample Plan of Study

The sequence of classes below shows the order in which the courses are typically taken to complete the Master of Science in Applied Anatomy degree. The four required courses comprising the Anatomical Sciences Core Curriculum (17 credit hours) are listed individually; elective courses (13 credit hours minimum) are not specified since they vary significantly among students. Students become eligible to take the MS Comprehensive Examination upon successful completion of the ASCC courses.

First Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANAT 412 Histology and Ultrastructure</td>
<td>4</td>
</tr>
<tr>
<td>ANAT 491 Embryology</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>3-4</td>
</tr>
<tr>
<td>Total Hours</td>
<td>10-11</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Spring</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANAT 411 Gross Anatomy</td>
<td>6</td>
</tr>
</tbody>
</table>

(Medical students apply to MD/MS program)

Summer

<table>
<thead>
<tr>
<th>Elective(s)</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3-6</td>
</tr>
</tbody>
</table>

Second Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANAT 414 Neurological Anatomy</td>
<td>4</td>
</tr>
<tr>
<td>Elective</td>
<td>4</td>
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<tr>
<td>Total Hours</td>
<td>8</td>
</tr>
<tr>
<td>Spring</td>
<td></td>
</tr>
<tr>
<td>---------------------</td>
<td>----------</td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td>Master of Science ASCC Comprehensive Examination</td>
<td></td>
</tr>
<tr>
<td>Hours</td>
<td>3</td>
</tr>
<tr>
<td>Total Hours</td>
<td>30-34</td>
</tr>
</tbody>
</table>

**Dual Degree Options**

- Applied Anatomy, MS/Medicine, MD