# M.S. in Exercise and Sport Physiology - Concentration in Athletic Training

## Curriculum

### Degree Core

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXS 600</td>
<td>Research Methods in Hlth, Phys Ed, Recreat</td>
<td>3</td>
</tr>
<tr>
<td>EXS 585</td>
<td>Biomechanics</td>
<td>3</td>
</tr>
<tr>
<td>KIN 608</td>
<td>Thesis Seminar</td>
<td>3</td>
</tr>
<tr>
<td>EXS 681</td>
<td>Advanced Exercise Physiology</td>
<td>3</td>
</tr>
<tr>
<td>HEA 526</td>
<td>Biostatistics for Public Health</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>or STA 511 Intro Stat Computing &amp; Data Management</td>
<td></td>
</tr>
<tr>
<td>EXS 698</td>
<td>Research I</td>
<td>3</td>
</tr>
<tr>
<td>EXS 699</td>
<td>Research II</td>
<td>3</td>
</tr>
</tbody>
</table>

### Concentration Core

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMD 500</td>
<td>Human Cadaver Anatomy</td>
<td>2</td>
</tr>
<tr>
<td>SMD 501</td>
<td>Human Cadaver Dissection</td>
<td>4</td>
</tr>
<tr>
<td>SMD 505</td>
<td>Evidence Based Practice in Sports Medicine</td>
<td>3</td>
</tr>
<tr>
<td>SMD 592</td>
<td>Seminar in Sports Medicine</td>
<td>3</td>
</tr>
<tr>
<td>SMD 693</td>
<td>Selected Topics in Sports Medicine</td>
<td>3</td>
</tr>
</tbody>
</table>

### Electives

Select two of the following: 6 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTD 503</td>
<td>Human Nutrition</td>
</tr>
<tr>
<td>HEA 550</td>
<td>Evidence-Based Medicine and Public Health</td>
</tr>
<tr>
<td>EXS 572</td>
<td>Advanced Motor Learning</td>
</tr>
<tr>
<td>KIN 603</td>
<td>Professional Literature Seminar</td>
</tr>
<tr>
<td>EXS 681</td>
<td>Advanced Exercise Physiology</td>
</tr>
<tr>
<td>EXS 687</td>
<td>Applied Muscular Physiology</td>
</tr>
<tr>
<td>EXS 688</td>
<td>Applied Cardiovascular Physiology</td>
</tr>
<tr>
<td>EXS 691</td>
<td>Adv Clinical Exercise Testing &amp; Prescrip</td>
</tr>
<tr>
<td>SMD 595</td>
<td>Orthopaedic Surgical Techniques</td>
</tr>
</tbody>
</table>

**Total Credits Required** 39

## Sample Course Plan

To track their individual degree progress, students are advised to access their Degree Progress Report (DPR) via my WCU and consult their Graduate Coordinator. For more information, visit wcupa.edu/DegreeProgressReport.