# Podiatric Biomechanics and Orthopedics (ORT)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORT 80131</td>
<td>Biomechanics I</td>
<td>3</td>
<td>Biomechanics is a comprehensive course, which stresses normal gait and foot function. Abnormalities in gait of foot mechanics are related to foot pathology.</td>
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<td><strong>Prerequisite:</strong> enrolled in the College of Podiatric Medicine.</td>
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<td></td>
<td><strong>Schedule Type:</strong> Lecture</td>
<td></td>
<td><strong>Contact Hours:</strong> 3 lecture</td>
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<td><strong>Grade Mode:</strong> Standard Letter</td>
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<tr>
<td>ORT 80132</td>
<td>Rehabilitative Medicine</td>
<td>2</td>
<td>Rehabilitative Medicine reviews various physical therapy modalities and principles of rehabilitation. Examples of application of these principles as relating to foot pathology are given.</td>
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<td><strong>Schedule Type:</strong> Lecture</td>
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<td><strong>Contact Hours:</strong> 2 lecture</td>
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<tr>
<td>ORT 80211</td>
<td>Biomechanics II</td>
<td>2</td>
<td>Biomechanics II introduces common foot pathologies and their affects on function. The examination techniques utilized in the evaluation of patients are introduced as is the use of foot orthotic devices and computers in the assessment of biomechanical pathology.</td>
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<tr>
<td>ORT 80314</td>
<td>Podopediatrics</td>
<td>2</td>
<td>Podopediatrics is a comprehensive course, which emphasizes the incidence, etiology, pathomechanics, evaluation and treatment of lower extremity pathology in children.</td>
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<td>ORT 80325</td>
<td>Sports Medicine</td>
<td>2</td>
<td>Sports Medicine is a comprehensive course. Students gain an understanding of running biomechanics, shoe gear construction and evaluation, and the incidence, etiology, pathomechanics, evaluation and treatment of many lower extremity sports pathologies.</td>
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