

# ME Electives Suggested by Area of Emphasis

It is recommended to choose one of the following 6 areas of emphasis to plan your senior elective courses.

**Select 12 Total Elective Units**

Aerospace Engineering Elective Units	Automotive Engineering Elective Units	Energy Systems and Power Elective Units	Mechanical System Design Elective Units	Mechatronics & Robotics Elective Units	Thermal-Fluids Systems Elective Units
<ul style="list-style-type: none"> <li>• <b>AE 472</b> (3 units)</li> <li>• <b>AE 480</b> (3 units)</li> </ul>	<ul style="list-style-type: none"> <li>• <b>ME 460</b> (3 units)*</li> <li>• <b>ME 462</b> (3 units)*</li> </ul> <p style="text-align: center;">*Beginning Fall 2016</p>	<ul style="list-style-type: none"> <li>• <b>ME 470</b> (3 units)</li> <li>• <b>ME 482</b> (3 units)</li> </ul>	<ul style="list-style-type: none"> <li>• <b>ME 430</b> (3 units)</li> <li>• <b>ME 431/L</b> (2/1 units)</li> </ul>	<ul style="list-style-type: none"> <li>• <b>ME 415</b> (3 units)</li> <li>• <b>ME 484/L</b> (2/1 units)</li> </ul>	<ul style="list-style-type: none"> <li>• <b>ME 470</b> (3 units)</li> <li>• <b>ME 490</b> (3 units)</li> </ul>
<p>Choose <b>6 additional units</b> from the courses listed below.</p>	<p>Choose <b>6 additional units</b> from the courses listed below.</p>	<p>Choose <b>6 additional units</b> from the courses listed below.</p>	<p>Choose <b>6 additional units</b> from the courses listed below.</p>	<p>Choose <b>6 additional units</b> from the courses listed below.</p>	<p>Choose <b>6 additional units</b> from the courses listed below.</p>
<ul style="list-style-type: none"> <li>• <b>AE 572</b> (3 units)</li> <li>• <b>AE 586</b> (3 units)</li> <li>• <b>AE 589</b> (3 units)</li> <li>• <b>ME 484/L</b> (2/1 units)</li> <li>• <b>ME 575</b> (3 units)</li> <li>• <b>ME 584</b> (3 units)</li> </ul>	<ul style="list-style-type: none"> <li>• <b>ME 415</b> (3 units)</li> <li>• <b>ME 430</b> (3 units)</li> <li>• <b>ME 434</b> (3 units)</li> <li>• <b>ME 484/L</b> (2/1 units)</li> <li>• <b>ME 515</b> (3 units)</li> <li>• <b>AM 410</b> (3 units)</li> </ul>	<ul style="list-style-type: none"> <li>• <b>ME 483</b> (3 units)</li> <li>• <b>ME 485</b> (3 units)</li> <li>• <b>ME 575</b> (3 units)</li> <li>• <b>ME 583</b> (3 units)</li> <li>• <b>AE 472</b> (3 units)</li> <li>• <b>ECE 410</b> (3 units)</li> </ul>	<ul style="list-style-type: none"> <li>• <b>ME 415</b> (3 units)</li> <li>• <b>ME 434</b> (3 units)</li> <li>• <b>ME 515</b> (3 units)</li> <li>• <b>ME 520</b> (3 units)</li> <li>• <b>ME 531</b> (3 units)</li> <li>• <b>AM 410</b> (3 units)</li> </ul>	<ul style="list-style-type: none"> <li>• <b>ME 515</b> (3 units)</li> <li>• <b>ME 520</b> (3 units)</li> <li>• <b>ME 522</b> (3 units)</li> <li>• <b>ME 584</b> (3 units)</li> <li>• <b>ECE 410</b> (3 units)</li> <li>• <b>AM 410</b> (3 units)</li> </ul>	<ul style="list-style-type: none"> <li>• <b>ME 475</b> (3 units)</li> <li>• <b>ME 492</b> (3 units)</li> <li>• <b>ME 493</b> (3 units)</li> <li>• <b>ME 575</b> (3 units)</li> <li>• <b>ME 583</b> (3 units)</li> <li>• <b>ME 590</b> (3 units)</li> </ul>