MATERIALS MECHANICS
GRADUATE OPTION

This option is offered within the following major(s):

- Mechanical Engineering - College of Engineering (http://catalog.oregonstate.edu/college-departments/engineering/school-mechanical-industrial-manufacturing-engineering/mechanical-engineering-meng-ms-phd)

Option Code: 3220

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ME 507</td>
<td>SEMINAR (Materials Science)</td>
<td>1</td>
</tr>
<tr>
<td>ME 520</td>
<td>APPLIED STRESS ANALYSIS</td>
<td>4</td>
</tr>
<tr>
<td>ME 570</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Select one of the following in mechanical behavior:</td>
<td>3-4</td>
</tr>
<tr>
<td>ME 583</td>
<td>COMPOSITE MATERIALS</td>
<td></td>
</tr>
<tr>
<td>ME 584</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ME 585</td>
<td>FATIGUE OF MATERIALS</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select one of the following in mechanics:</td>
<td>4</td>
</tr>
<tr>
<td>ME 523</td>
<td>ADVANCED STRESS ANALYSIS</td>
<td></td>
</tr>
<tr>
<td>ME 524</td>
<td>FINITE ELEMENT MODELING OF MECHANICAL ENGINEERING SYSTEMS</td>
<td></td>
</tr>
<tr>
<td>ME 553</td>
<td>STRUCTURE AND MECHANICS LABORATORY</td>
<td></td>
</tr>
</tbody>
</table>

Total Hours 16-17