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)

<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>
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<tr>
<td>ME 520</td>
<td>APPLIED STRESS ANALYSIS</td>
<td>4</td>
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<tr>
<td>ME 570</td>
<td>STRUCTURE-PROPERTY RELATIONS IN MATERIALS</td>
<td>4</td>
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</tbody>
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Select one of the following in mechanical behavior: 3-4

- ME 583  COMPOSITE MATERIALS
- ME 584  ADVANCED FRACTURE OF MATERIALS
- ME 585  FATIGUE OF MATERIALS

Select one of the following in mechanics: 4

- ME 523  ADVANCED STRESS ANALYSIS
- ME 524  FINITE ELEMENT MODELING OF MECHANICAL ENGINEERING SYSTEMS
- ME 553  STRUCTURE AND MECHANICS LABORATORY

Total Hours 16-17

Option Code: 3220