# MATERIALS MECHANICS GRADUATE OPTION

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


<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>STRUCTURE-PROPERTY RELATIONS IN MATERIALS</td>
<td>4</td>
</tr>
</tbody>
</table>

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