# Engineering (MR): Materials Science and Engineering Concentration

## Degree Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Required Courses</td>
<td>3-12</td>
<td></td>
</tr>
<tr>
<td></td>
<td>&quot;Required Courses&quot; are approved in conjunction with the academic committee *</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Concentration Courses</td>
<td>9-18</td>
<td></td>
</tr>
<tr>
<td></td>
<td>&quot;Concentration Courses&quot; are approved in conjunction with the academic committee</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Additional Online Courses</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td></td>
<td>&quot;Additional Online Courses&quot; are approved in conjunction with the academic committee to meet 30 total hours *</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total Hours** 30

* Courses can be from Engineering or from related fields (Science, Business, Math, etc. with ONLY ONE class allowed in Business) with Advisor Approval

## Concentration Requirements

- 30 graduate level, letter graded credit hours
- 21/30 hours engineering classes
- 18/30 hours from College of Engineering, must be from more than one discipline
- 3-6 courses from Materials Science and Engineering

## Faculty

### Full Professors

- Morton A. Barlaz
- Mohamed Abdelhay Bourham
- Mo-Yuen Chow
- Jerome J. Cuomo
- Alexandra Duel-Hallen
- Yahya Fathi
- Paul D. Franzon
- Edward F. Gehringer
- Jan Genzer
- Richard David Gould
- Christine S. Grant
- Saad A. Khan
- Carl C. Koch
- James M. Nau
- Gregory N. Parsons
- Harilaos George Perros
- Sanmugavadivel Ranjithan
- Douglas Stephen Reeves
- Georgios Rouskas
- Lawrence M. Silverberg
- Munindar P. Singh
- J. K. Townsend
- Henry J. Trussell
- Ioannis Viniotis
- Mladen Alan Vouk

### Associate Professors

- Jeffrey W. Eischen
- Jerome Philip Lavelle

### Practice/Research/Teaching Professors

- Lisa G. Bullard

### Adjunct Faculty

- Linda D. Krute