The Henry Samueli School of Engineering  
Master’s Degree Plan of Study: Materials Science and Engineering (Fall 2011 Entering)  

<table>
<thead>
<tr>
<th>Core Areas:</th>
<th>MSE200</th>
<th>MSE205</th>
<th>MSE256A</th>
<th>MSE252 or MSE265</th>
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</thead>
<tbody>
<tr>
<td>Crystal Str. And Defects</td>
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<tr>
<td>Electrical and Optical Behavior</td>
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<td>Mechanical Behavior</td>
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<tr>
<td>Thermodynamics and Kinetics</td>
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</tbody>
</table>

**Core Areas** (1 course fr. each)  
- Crystal Str. And Defects: MSE200  
- Electrical and Optical Behavior: MSE205  
- Mechanical Behavior: MSE256A  
- Thermodynamics and Kinetics: MSE252 or MSE265

**Core Areas Course Units**  
- Crystal Str. And Defects: 3 units  
- Electrical and Optical Behavior: 3 units  
- Mechanical Behavior: 3 units  
- Thermodynamics and Kinetics: 3 units

**Total Core Course Units**:  
- Core Areas: 12 units

**Electives**  
- 4 electives courses equal or more than 12 units

**Total Elective Course Units**:  
- Electives: 12 units

**Research/Other**  
- Seminar: CBEMS298  
- Seminar: CBEMS298  
- Seminar: CBEMS298

**Total other Units**:  
- Research/Other: 3 units

**Total Units**:  
- Total: 13 units

**Signatures**  
- Candidate: ___________________________________________________________________  
  Date: ______________________
- Graduate Advisor: ___________________________________________________________________  
  Date: ______________________
- Associate Dean of Engineering: ___________________________________________________________________  
  Date: ______________________  
  April 22, 2009

**Please circle one:**  
- Thesis Option (36 units)  
  - Minimum of 12 units must be made up of core courses
- Non-Thesis Option (36 units)  
  - Minimum of 12 units must be made up of core courses

- **Elective Courses**  
  - 5 elective courses equal or more than 15 units
  - Courses must be 200-289.
  - Up to 8 units of upper-level undergraduate courses may be counted if approved in advance by MSE graduate advisor.

- **Research/Other Courses**  
  - Students must fulfill a minimum of 3 units of CBEMS298
  - Up to 8 units of research can be counted (i.e. CBEMS296)
  - Up to 8 units of upper-level undergraduate courses may be counted

- **Other Elective Courses**  
  - Students can choose to take other elective graduate level courses numbered 200-289

- **Associate Dean of Engineering**  
  - Date: ______________________  
  - April 22, 2009