STUDY PLAN FOR: **Degree Objective:**

**Area of Study:** Neuroengineering - Biomimetic Devices and Systems

**GROUP I - CORE COURSES**

*MS Capstone track and PhD* - three core courses, three Bioengr 299, and one 495 course. *MS Thesis track* - three core courses, two Bioengr 299, and one 495 course.

<table>
<thead>
<tr>
<th>COURSE # AND QTR OFFERED</th>
<th>QTR TAKEN/TO BE TAKEN</th>
<th>COURSE # AND QTR OFFERED</th>
<th>QTR TAKEN/TO BE TAKEN</th>
</tr>
</thead>
<tbody>
<tr>
<td>BE 299 (2 units) – Fall Qtr</td>
<td>Quarter Taken</td>
<td>1. M260</td>
<td>Fall</td>
</tr>
<tr>
<td>BE 299 (2 units) – Winter Qtr</td>
<td>Quarter Taken</td>
<td>2. M202 or M263</td>
<td>Winter/Spring</td>
</tr>
<tr>
<td>BE 299 (2 units) – Spring Qtr</td>
<td>Quarter Taken</td>
<td>3. M219 or PBM222</td>
<td>Spring</td>
</tr>
<tr>
<td>BE 495 (2 units) – Fall Qtr</td>
<td>Quarter Taken</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BE 598 (4 units) [Thesis students only]</td>
<td>Quarter Taken</td>
<td></td>
<td></td>
</tr>
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<td>BE 598 (4 units) [Thesis students only]</td>
<td>Quarter Taken</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>


**GROUP II – ELECTIVE COURSES**

*All Fields: MS Capstone track* – at least six elective courses chosen from the elective list.  
*MS Thesis and PHD track* – at least four courses chosen from the elective list on page 3.

<table>
<thead>
<tr>
<th>COURSE # AND QTR OFFERED</th>
<th>QTR TAKEN/TO BE TAKEN</th>
<th>COURSE # AND QTR OFFERED</th>
<th>QTR TAKEN/TO BE TAKEN</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. BioStatics 238</td>
<td>Quarter Taken</td>
<td>4. PBM209</td>
<td>Quarter Taken</td>
</tr>
<tr>
<td>2. ECE115A or ME150A (ME282)</td>
<td>Quarter Taken</td>
<td>5. NSM284 or NSM287</td>
<td>Quarter Taken</td>
</tr>
<tr>
<td>3. ECE115C or ECE215B</td>
<td>Quarter Taken</td>
<td>6. ECE243A (ECE143)</td>
<td>Quarter Taken</td>
</tr>
</tbody>
</table>

Signature of Principal Investigator  
Date

Signature of Field Chair  
Date

Signature of Graduate Vice Chair  
Date
GROUP II ELECTIVE COURSE FOR ALL FIELD

MS CAPSTONE TRACK: Please choose at least six courses from this group

MS THESIS AND PHD TRACK: Please choose at least four courses from this group


- Biomathematics 201, 203, 206, 208A, 211, 213, 220, 230, 261, 270, 271, 296B

- Physics and Biology in Medicine 205, 209, 210, 217, 218, 222, 227, 230, 248

- Biostatistics 238

- Chemical and Biomolecular Engineering 215, 216, 225


- Materials Science and Engineering 110, 111, 200, 201


- Microbiology, Immunology and Molecular Genetics 134, 185A, 233

- Molecular Cell Development Biology 100, 140, 144, 165A, 168, 175A-B, 222D, 224, 230B, 234, 272

- Molecular and Medical Pharmacology 110A, 110B, 203, 211A, 211B, 288

- Neuroscience 201, 202, 205, 207

- Pathology 237, 294

- Physiological Science 135, 166, 200