# Master of Engineering in Bioengineering

## General Requirements
- 30 credits total
- At least 21 of the total credits required for degree must be at 5xx level
- 3xx level courses are not allowed
- 4xx level courses may be used
- Courses with grades below C- cannot be used to satisfy graduation requirements
- Three credits (min.) registration required during term of graduation
- Max of 6 credits of individual problems courses (570)

## Course Requirements
The following courses are required for each ME student:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECHM 594</td>
<td>Seminar (can be taken twice)</td>
<td>1</td>
</tr>
<tr>
<td>ECHM 533</td>
<td>Transport Phenomena</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>4</strong></td>
</tr>
</tbody>
</table>

Plus, a course in each of the following areas:

### Reaction Engineering
- EBIO 566  | Fundamentals of Biofilm Engr | 3
- ECHM 510  | Reaction Engineering/Modeling | 3

### Advanced Mathematics
- EGEN 505  | Advanced Engineering Analysis                   | 3
- EGEN 506  | Numerical Sol to Engr Problems                  | 3

### Course in Environmental Engineering Processes
- EENV 562  | Water Treatment Process/Design                  | 3
- EENV 563  | Wastewater Treat Proc/Design                    | 3
Font Notice

This document should contain certain fonts with restrictive licenses. For this draft, substitutions were made using less legally restrictive fonts. Specifically:

Times was used instead of Adobe Garamond Pro.

The editor may contact Leepfrog for a draft with the correct fonts in place.