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 Name</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>
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</tbody>
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Plus, a course in each of the following areas:

- **Reaction Engineering**
  - EBIO 566 Fundamentals of Biofilm Engr 3
  - or ECHM 510 Reaction Engineering/Modeling 3

- **Advanced Mathematics**
  - EGEN 505 Advanced Engineering Analysis 3
  - or EGEN 506 Numerical Sol to Engr Problems 3

Course in Environmental Engineering Processes
- EENV 562 Water Treatment Process/Design 3
  - or 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.