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>
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<tr>
<td>ECHM 533</td>
<td>Transport Phenomena</td>
<td>3</td>
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Plus, a course in each of the following areas:

- **Reaction Engineering**
  - EBIO 566 or ECHM 510: Fundamentals of Biofilm Engr or Reaction Engineering/Modeling
  - Advanced Mathematics
    - EGEN 505 or EGEN 506: Advanced Engineering Analysis or Numerical Sol to Engr Problems

- **Course in Environmental Engineering Processes**
  - EENV 562 or EENV 563: Water Treatment Process/Design or Wastewater Treat Proc/Design