ME in Engineering

NOTE: Focus areas do not appear on diplomas or transcripts.

ME with a focus in Biological Engineering
Recognizing the immense promise of bioengineering and the unique position of MU for a strong bioengineering program, the College of Agriculture, Food and Natural Resources (CAFNR) and the College of Engineering (CoE) joined forces to form the Department of Biological Engineering (BE). BE unites existing faculty and infrastructure from both colleges. CoE contributes biomedical engineering capabilities while CAFNR brings strengths in bioprocess and bioenvironmental engineering. Biological engineering confers both masters and doctoral degrees to students who satisfy the general requirements of the Graduate School and the specific requirements for the masters degree and the doctoral degree of the Department of Biological Engineering.

ME with a focus in either Electrical or Computer Engineering
The ME degree is designed for entering master students interested in a terminal master’s degree, who have a demonstrated need for a professional, non research degree in engineering, and have a academic interest in the department. Please note that the official University transcript and diploma will only indicate Master of Engineering, with no designation of the focus area. The entrance requirements for the ME degree/Electrical and Computer Engineering Focus are the same as for the MS in Electrical Engineering and MS in Computer Engineering. Note: When registering for the GRE and TOEFL exams, be sure to designate the University of Missouri - Columbia and your program of interest as locations to receive the scores. MU’s Institutional Code for the GRE and TOEFL is 6875.

ME with a focus in Industrial and Manufacturing Systems Engineering
The Master of Engineering (ME) degree is a non-research thirty-six-credit-hour program for U.S. students designed to be a terminal degree. The ME curriculum is based upon a seven-course core with the remaining 15 hours made up of courses appropriate to the student’s concentration area.

ME Entrance requirements
- GPA of 3.0 on 4.0 scale in the last 60 hours of the BS program
- Minimum GRE scores:

<table>
<thead>
<tr>
<th>When did you take the GRE?</th>
<th>Verbal</th>
<th>Quantitative</th>
<th>Analytical</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prior to August 1, 2011</td>
<td>80th percentile</td>
<td>will be considered</td>
<td>80th percentile</td>
</tr>
<tr>
<td>On or After August 1, 2011</td>
<td>80th percentile</td>
<td>will be considered</td>
<td>80th percentile</td>
</tr>
</tbody>
</table>

- Minimum TOEFL scores (international applicants only):
  - Internet-based test (iBT) 80
  - Paper-based test (PBT) 550

- Minimum Academic IELTS scores

Graduation Requirements
An ME student must complete a minimum of 36 credit hours of graduate course work. At least 15 hours must be in 8000+ level courses and a minimum of 21 hours must be from the College of Engineering. The student must maintain at least a 3.0 cumulative gpa and complete the program in eight years. A project may be required by the advisor. For additional degree requirements based on the focus area, students should consult with the specific College of Engineering Department.

How to Apply
Applicants must concurrently apply to the MU Graduate School and the engineering department offering the focus area interest. Contact the department before applying for specific instructions.