PhD in Biological Engineering

Admission Contact Information
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Columbia, MO 65211-5200
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Admission Criteria
- Fall deadline: June 1
- Minimum GPA: 3.2
- BS and MS in engineering from an accredited university or equivalent experience. In rare instances, an exceptional student will be allowed to study for the PhD without first completing an MS degree.
- Minimum English Proficiency Requirements (for International Applicants):
<table>
<thead>
<tr>
<th>Item</th>
<th>Score</th>
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<tbody>
<tr>
<td>IELTS</td>
<td>6.5</td>
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<tr>
<td>TOEFL (Internet-based)</td>
<td>80</td>
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<tr>
<td>TOEFL (Paper-based)</td>
<td>550</td>
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Required BE Doctoral Degree Application Materials
Prospective students should submit graduate applications online: https://applygrad.missouri.edu/apply/. The following materials are required:

To the Office of Graduate Studies:
- All required Graduate Admissions documents
- Official transcripts
- TOEFL scores (for International Applicants)

To the BE Program:
- Résumé or CV
- Statement of Purpose
- Three Recommendation Letters
- GRE scores

Financial Aid from the Program
Some programs require an extra form or statement from those who wish to be considered for internal assistantships, fellowships or other funding packages. Check the program Web site or ask the program contact for details.

Degree Requirements
Within the first year in the program, each PhD student must pass a qualifying examination before continuing enrollment. The exam is designed to test the student’s ability to undertake advanced learning and carry out independent research.

A doctoral candidate must complete a minimum of 72 credit hours of course work beyond the BS degree with a minimum of fifteen hours (exclusive of research, problems or independent study courses) at the 8000 (graduate) level, including at least three BE courses. In addition, there will be a minimum of one hour of Seminar (BIOL_EN 8087) and research (BIOL_EN 9990) may not exceed 28 hours of the total 72 hours required in the PhD Program of Study. The courses and research plan must be approved by the doctoral program committee.

The student is required to pass a comprehensive examination, which includes both written and oral components. The student must demonstrate his or her ability for in-depth research by presenting and successfully defending a dissertation embodying the results of original research. A foreign language is not required.