PhD in Mechanical and Aerospace Engineering

Admission Contact Information
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Application Deadlines for all Applicants
Fall deadline: May 31
Spring deadline: October 31
Summer deadline: April 30

Admission Criteria
• Minimum GPA: 3.0
• Strong record in the MS program
• Minimum GRE score: 298 combined score on Verbal and Quantitative sections
• Minimum TOEFL score: 80
• Minimum Academic IELTS Overall score: 6.5

Note: Doctoral degree program applicants are closely and individually reviewed.

How to apply to the MAE doctoral program:

Step 1: All documents should be uploaded directly in ApplyYourself. Mailing in documents may delay your application process.

Step 2: Required documents:
• Unofficial Transcripts (all Universities and Colleges attended) Uploaded in ApplyYourself (https://app.applyyourself.com/AYApplicantLogin/fl_ApplicantConnectLogin.asp?id=umc-grad)
• TOEFL/IELTS score - sent electronically to the University by ETS (Institution Code 6875 Department Code 1502)
• 3 letters of recommendation (preferably from MS advisor and 2 other letters) - uploaded in ApplyYourself (https://app.applyyourself.com/AYApplicantLogin/fl_ApplicantConnectLogin.asp?id=umc-grad) by the recommenders. Letters must come from a school e-mail address, not personal accounts (like yahoo, gmail, etc).
• GRE score - sent electronically by ETS (Institution Code 6875 Department Code 1502)
• Statement of Objectives - one page letter telling about yourself and the area you will study if accepted
• CV/Résumé

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Degree Requirements
A minimum of 72 semester hours are required including the credit hours taken during the MS program. Students who received the MS degree from other than MU may transfer a maximum of 30 hours from their MS course work.

A doctoral student must satisfy a special requirement, either proficiency in foreign languages or a collateral field. The collateral field requires a minimum of nine hours of course work in one area other than MAE.

Plan of Study
The PhD candidate plans a plan of study and research under the immediate supervision of an advisor and in close cooperation with the doctoral program committee approved by the dean of the Graduate School upon the department’s recommendation.

Qualifying Examination
A qualifying examination is given soon after the student begins doctoral study. Successful completion of this examination is a prerequisite to formal acceptance into the PhD program.

Students with an MS from MU or another accredited U.S. engineering program will be exempt from the qualifying examination if their MS GPA and total GRE scores satisfy a departmental exemption rule. See http://engineering.missouri.edu/mae/degree-programs/phd-mae/ for more information.

Comprehensive Examination & Dissertation
A comprehensive examination is given after all course work and language or collateral requirements have been satisfied. Upon completion of the plan of study and research a final examination, essentially a defense of the dissertation, is administered.