PhD in Nuclear Engineering

Contact for prospective students:
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Nuclear Engineering Program
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Application Deadlines
Fall deadline: March 1
Spring deadline for International students: September 1
Spring deadline for Domestic Students: October 1
Applications received after those time frames will be reviewed for acceptance only as time permits.

Admission Criteria
• Minimum TOEFL scores:
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<th>Internet-based test (iBT)</th>
<th>Paper-based test (PBT)</th>
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<td>61</td>
<td>500</td>
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  • Minimum GRE score: none set
  • Minimum GPA: 3.0 during last 2 years
  • Undergraduate degree (with a strong math and physics background) in an engineering field, physics, biology, chemistry or mathematics from an accredited institution.

Required Application Materials
To the Graduate School
• All required Graduate School documents
• 3 letters of recommendation and the online recommendation form from previous instructors or technical employers who are familiar with the student’s qualifications for graduate study, submitted directly online through the application. (If the student is applying to the PhD program, one of these letters must be from the MS advisor.)
• Statement of Purpose (uploaded via online application)

To the Nuclear Engineering Program
• Official GRE score report (Use Department Code 1609)

Qualifying Examination
The PhD program is a research program and is tailored to meet specific educational needs. To qualify for the research phase of the PhD program, the student must pass a comprehensive, multi-part qualifying examination, usually administered during the first semester of study for the PhD.

PhD Plan of Study
If the student is entering the PhD program, the planned course of study will be individually evaluated by the nuclear engineering faculty. A comprehensive examination covering the student’s dissertation topic is required at least seven months before anticipated graduation. The PhD degree is a research degree, with a suitable dissertation topic to be chosen in the respective field and usually requires 24 classroom credits of advanced courses beyond the MS degree and 18 credits of research. Typical time-to-degree completion for the PhD degree is three years past the MS degree.