MS in Nuclear Engineering

Contact for prospective students (those intending to apply):
Dr. Naz Islam, Director of Graduate Studies
319 Engineering Building West
Columbia, MO 65211
(573) 882-7570 or islamn@missouri.edu

Nuclear Engineering Program
Dr. John M. Gahl, Director
207 Engineering Building West
Columbia, MO 65211
(573) 882-5345 or gahlj@missouri.edu
engineering.missouri.edu/nuclear/

Preparation for the Program
Students with degrees in physics or chemistry are generally adequately prepared for the nuclear engineering graduate program. Those from other backgrounds may be required to complete engineering undergraduate courses in thermodynamics, advanced engineering mathematics and the full complement of calculus-based physics, based on the student's particular experience.

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:
  Internet-based test (iBT)  Paper-based test (PBT)
  61 Effective July 1, 2015 must have score of 80
  500 Effective July 1, 2015 must have score of 80

• 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)

Degree Completion Requirements
The nuclear engineering master's degree program requires 31 hours, including a research project or thesis. The requirements are based on the assumption that the student is entering graduate study with a bachelor's degree in engineering from an ABET-accredited school. An original research project is required either in the form of a three-credit master's project or a six-credit master's thesis. Typical time-to-degree completion for the master's degree is 18 months.