Graduate Certificate in Nuclear Engineering

Eligibility & Mission

The objective of the graduate certificate in Nuclear Engineering is to provide graduate students and professional, non-degree students from various engineering and science departments at MU with a unique opportunity to develop expertise in nuclear engineering that will enhance their job opportunities in the nuclear field.

Requirements for Graduate Certificate in Nuclear Engineering

Students will be required to take the 12 credit hours of coursework from the Nuclear Engineering (NE) degree program curriculum. Co-listed courses with the Nuclear Science and Engineering Institute NE classes may be considered towards this requirement. As permitted by the University Policy regarding Graduate Certificate offerings, a maximum of 6 credit hours may be counted for both degree course credit within their department and the Graduate Certificate in Nuclear Engineering. However, total credit hours needed to complete their degree need not exceed Departmental or Graduate School requirements. Students will be required to take courses that broaden their knowledge and understanding in nuclear engineering.

The student must complete a Change of Academic Program form to enter the program. The student must also complete the “Course of Study for Graduate Certificate” form, which must be approved by Nisei before taking any courses. Without this prior approval, the Nisei has the authority to deny the certificate.

A student’s advisor and graduate committee from the host department and the Graduate Studies Director in the Nuclear Science and Engineering Institute will approve the courses. The selection of courses is restricted to the 7000 level or above and all courses must be successfully completed with a final grade of ‘B’ or above. Courses must be selected from the list shown in Table 1 at the certificate’s website (http://nisei.missouri.edu/graduateCertification.html), and documented on the Graduate School’s “Course of Study for Graduate Certificate” form. Course credit hours for the certificate could also be applied towards the total credit hours needed for the departmental degree requirements, if accepted by the student’s department.

Course Work

Students should take at least one course from each of the first three clusters listed in Table 1. The student may choose their fourth course from either the Basic Radiation Science Cluster or from any of the four (I, II, III, IV) clusters at the certificate’s site (http://nisei.missouri.edu/graduateCertificate.html).

A minimum of 12 credit hours must be documented (using the Course of Study for Graduate Certificate form) in order to qualify for the Graduate Certificate in Nuclear Engineering.

Federal Gainful Employment disclosure information for this Graduate Certificate is available at http://gradschool.missouri.edu/academics/programs/nuclear-engineering-graduate-certificate/nu-eng-ge/Gedt.html.