PROGRAM IN NUCLEAR ENGINEERING

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The world’s growing need for energy requires a diversity of energy sources, including nuclear energy. Approximately 20% of the electricity used in the U.S. stems from nuclear power. As power plants continue to age there is a need to develop next-generation nuclear reactors and to educate future generations of nuclear scientists and engineers. The demand for nuclear engineers is projected to significantly outpace supply during the next decade. For more information please see our web page at www.uidaho.edu/idahofalls/nuclearengineering/.

Admissions Requirements and Procedures

The minimum requirements to enter any of the graduate programs in nuclear engineering are: an undergraduate degree in engineering or closely related field from an ABET accredited U.S. program, does not include technical degrees; and a cumulative GPA of 3.0 or better on a 4.0 scale. GRE General Exam is recommended but not required for students with an undergraduate degree from a U.S. ABET accredited program. The GRE General Exam is required for all other applicants. TOEFL (minimum score: computer based 83, paper based, 560) is required for all students whose primary language is not English. All applicants are required to submit 3 letters of recommendation, a 1-2 page Statement of Career Objectives and a 1-2 page Curriculum Vitae/Resume. Applicants to the graduate programs are reviewed on a case-by-case basis by the program’s Graduate Committee. Some applicants who have a baccalaureate degree in a field other than engineering may be required to complete certain undergraduate deficiency courses before they will be allowed to take graduate level courses.

Nuclear Engineering Graduate Program

Candidates must fulfill the requirements of the College of Graduate Studies and of the Nuclear Engineering Program. See the College of Graduate Studies (https://catalog.uidaho.edu/colleges-related-units/graduate-studies) section for the general requirements applicable to each degree. These degrees are offered only through the graduate program at the University of Idaho Center, Idaho Falls. Consult the Nuclear Engineering Handbook specific details.

• Nuclear Criticality Safety Graduate Academic Certificate (https://catalog.uidaho.edu/colleges-related-units/engineering/nuclear-engineering/nuclear-criticality-safety-graduate-academic-certificate)
• Nuclear Technical Management Graduate Academic Certificate (https://catalog.uidaho.edu/colleges-related-units/engineering/nuclear-engineering/nuclear-technical-management-graduate-academic-certificate)
• Nuclear Engineering (M.S.) (https://catalog.uidaho.edu/colleges-related-units/engineering/nuclear-engineering/nuclear-engineering-ms)
• Nuclear Engineering (M.Engr.) (https://catalog.uidaho.edu/colleges-related-units/engineering/nuclear-engineering/nuclear-engineering-mengr)
• Nuclear Engineering (Ph.D.) (https://catalog.uidaho.edu/colleges-related-units/engineering/nuclear-engineering/nuclear-engineering-phd)