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.

The minimum requirements to enter any of the graduate programs in nuclear engineering are an undergraduate degree in engineering or a 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. The GRE General Exam is recommended but not required for students with an undergraduate degree from a U.S. ABET accredited program. 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. Students must also meet College of Graduate Studies minimum requirements for admission. This program is available at the Idaho Falls campus only.

Technology Management Program
Indrajit Charit, Department Chair (208-757-5409 icharit@uidaho.edu); Alice Allen, Director of Recruitment and Student Engagement, Idaho Falls (alicew@uidaho.edu); Denise Engebrecht, Program Manager (denisee@uidaho.edu); www.uidaho.edu/engr/em

Technology Management is a multidisciplinary field that prepares technical professionals to provide effective planning, selection, implementation, and management of technology to solve today’s complex and challenging problems. This program bridges the gap between technology and business by equipping technologists with the expertise and leadership skills needed to advance their career in today’s fast-paced world. Students will expand their breadth of knowledge beyond a specific technical field into management and business. Business knowledge, organization insights, and communication skills will be integrated with technical knowledge to develop proficient technical managers and leaders of projects, operations, organizations, and people.

Classes are offered by resident and adjunct faculty in Idaho Falls, Boise, and Moscow. Courses for the program are available at the centers and through distance education (online). Thesis and non-thesis options are available.

Students must have an accredited bachelor’s degree in a technical field or an accredited bachelor’s degree and a minimum of three years’ work experience in a technical field. One of the letters of recommendation must be from a current or former employer. Students must also meet College of Graduate Studies minimum requirements for admission.

Majors
- Industrial Technology (B.S.Tech.) (https://catalog.uidaho.edu/colleges-related-units/engineering/nuclear-engineering-and-industrial-technology/industrial-technology-bs/)

Certificates
• Human Safety Performance Undergraduate Academic Certificate
  (https://catalog.uidaho.edu/colleges-related-units/engineering/
  nuclear-engineering-and-industrial-technology/human-safety-
  performance-undergraduate-academic-certificate/)

Nuclear Engineering and Industrial Technology Graduate Program

• Engineering Management (M.Engr.) (https://catalog.uidaho.edu/
  colleges-related-units/engineering/nuclear-engineering-and-
  industrial-technology/engineering-management-mengr/)
• Nuclear Engineering (M.Engr.) (https://catalog.uidaho.edu/colleges-
  related-units/engineering/nuclear-engineering-and-industrial-
  technology/nuclear-engineering-mengr/)
• Nuclear Engineering (M.S.) (https://catalog.uidaho.edu/colleges-
  related-units/engineering/nuclear-engineering-and-industrial-
  technology/nuclear-engineering-ms/)
• Nuclear Engineering (Ph.D.) (https://catalog.uidaho.edu/colleges-
  related-units/engineering/nuclear-engineering-and-industrial-
  technology/nuclear-engineering-phd/)
• Technology Management (M.S.) (https://catalog.uidaho.edu/
  colleges-related-units/engineering/nuclear-engineering-and-
  industrial-technology/technology-management-ms/)

Certificates

• Critical Infrastructure Resilience Graduate Academic Certificate
  (https://catalog.uidaho.edu/colleges-related-units/engineering/
  nuclear-engineering-and-industrial-technology/critical-infrastructure-
  resilience-graduate-certificate/)
• Emergency Planning and Management Graduate Academic
  Certificate (https://catalog.uidaho.edu/colleges-related-units/
  engineering/nuclear-engineering-and-industrial-technology/
  emergency-planning-management-graduate-academic-certificate/)
• Nuclear Criticality Safety Graduate Academic Certificate (https://
  catalog.uidaho.edu/colleges-related-units/engineering/nuclear-
  engineering-and-industrial-technology/nuclear-criticality-safety-
  graduate-academic-certificate/)
• Nuclear Decommissioning and Used Fuel Management Graduate
  Academic Certificate (https://catalog.uidaho.edu/colleges-related-
  units/engineering/nuclear-engineering-and-industrial-technology/
  nuclear-decommissioning-and-used-fuel-management-academic-
  certificate/)
• Nuclear Technology Management Graduate Academic Certificate
  (https://catalog.uidaho.edu/colleges-related-units/engineering/
  nuclear-engineering-and-industrial-technology/nuclear-technical-
  management-graduate-academic-certificate/)
• Nuclear Safeguards and Security Graduate Academic Certificate
  (https://catalog.uidaho.edu/colleges-related-units/engineering/
  nuclear-engineering-and-industrial-technology/nuclear-safeguards-
  security-graduate-academic-certificate/#requirementstext)