



ONLINE MASTER OF NUCLEAR ENGINEERING

Purdue University's online Master of Nuclear Engineering degree (MNE) is conveniently designed for professional engineers looking to advance their skills without disrupting their careers. The same renowned Purdue Nuclear Engineering faculty who teach the on-campus nuclear engineering graduate degree also teach the 30-credit hour online Master's degree.

Purdue University's School of Nuclear Engineering graduate program is ranked among the top engineering programs by U.S. News & World Report. The School of Nuclear Engineering educates ethical nuclear engineers to provide technical expertise to nuclear engineering communities around the world, expand the frontier of knowledge through cutting-edge and innovative research in all areas of nuclear engineering, and dynamically engage with global society through strong partnerships.

NUCLEAR ENGINEERING

JOB OUTLOOK

Nuclear engineers work with the application of nuclear energy in various contexts, including nuclear power plants, medical diagnostics, food production, national defense, and nuclear waste disposal. Nuclear engineering is an important component of the effectiveness and safety of nuclear power systems, which **generate 20% of the U.S utility-scale electricity**. Nuclear engineering professionals are in high-demand in numerous industries. According to the Bureau of Labor Statistics, **the need for nuclear engineers will increase about 4% between now and 2026**. As of 2018, the median salary for nuclear engineers was approximately 15% greater than the median aggregate salary of all engineers.

4%

INCREASE IN DEMAND FOR
NUCLEAR ENGINEERS BY 2026

Graduates go on to work in lucrative careers such as:

Isotopes and Radiation Engineer · Nuclear Engineer
Nuclear Licensing Engineer · Nuclear Project Engineer
Nuclear Operations and Power Engineer
Nuclear Repair Engineer · Nuclear Safety Engineer
Nuclear Systems Engineer · Process Industrial Engineer

Admission Requirements

Program participants must have an undergraduate degree from an ABET-accredited engineering program or one with equivalent standards. Further requirements are outlined on the online MNE webpage, found below.

Curriculum

The Master of Nuclear Engineering degree offers a wide range of flexibility in course options. After students begin their program at Purdue, an academic advisor assists them in creating a plan of study (POS) that best fits their educational needs and career goals. Because Purdue's online program curriculum is flexible, students can work through the program at their own pace and take time off if necessary.

Curriculum	Credits
Nuclear Engineering Graduate Courses	18
Engineering, Math, or Science Graduate Courses	12*
Total	30

*Six credit hours can be utilized toward a project course with permission from the school.

LEARN MORE AT [ENGINEERING.PURDUE.EDU/ONLINE/MNE](http://engineering.purdue.edu/online/mne)
EMAIL US AT ENGRONLINE@PURDUE.EDU