

## CAREERS FOR

# Nuclear Engineering

## MAJORS

Nuclear engineers research and develop ways for society to benefit from nuclear energy and radiation, for example by generating clean energy, developing medical diagnosis equipment, and through treatment of cancers. [UNM's Nuclear Engineering program](#) offers diverse educational and research opportunities that prepare students for careers in these fields.

In addition, UNM offers a Master of Science (MS) in Nuclear Engineering with concentrations in Medical Physics and in Radiation Protection Engineering, as well as a PhD in Engineering with a Nuclear Engineering concentration. Students in the graduate program have the opportunity to work with renowned faculty in a variety of [research areas](#).

## Industries & Target Employers

### Private Industry

Nuclear power generation and power plant operations, nuclear science and engineering research & development, nuclear criticality safety, regulatory compliance and nuclear safety auditing, nuclear medicine, medical diagnostic equipment, food production and quality control, nuclear security, radioactive waste disposition, naval reactors, plasma science and fusion technology, space nuclear power.

### Government

Federal, national, and local government agencies; research and national laboratories

### Education

University/college faculty or administrator (PhD required), research scientist

### Top Companies

[Sandia National Labs](#)

[Los Alamos National Lab](#)

[United States Navy](#)

[Bechtel Corporation](#)

[Orano USA](#)

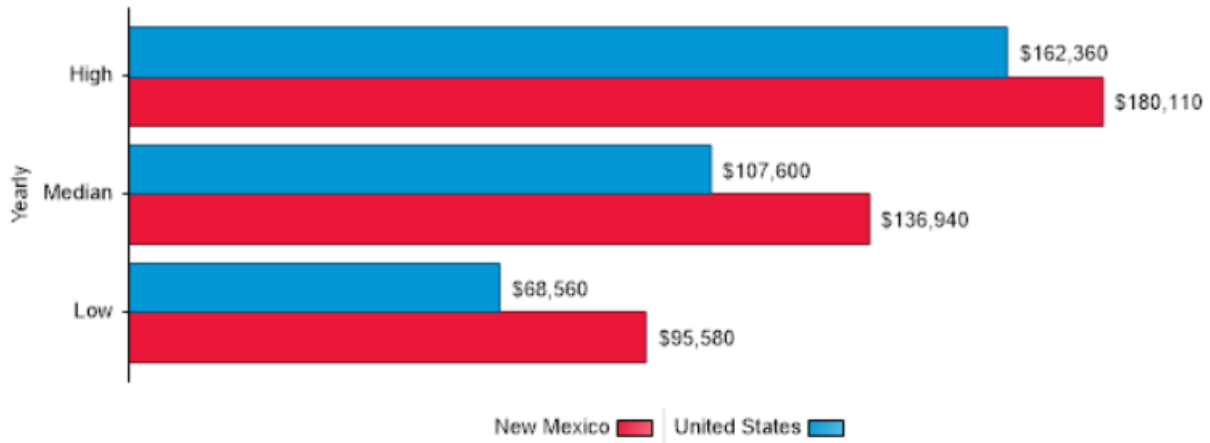
[Pacific Northwest National Lab](#)

[Lawrence Livermore National Lab](#)

[US Nuclear Regulatory Commission](#)

[General Electric Company](#)

## Salary Information for Nuclear Engineers



### Tips

Those with training in rapidly developing fields, like nuclear security, nuclear medicine, diagnostic imaging, and cancer treatment, will have very competitive job prospects.

Carlsbad, NM is the location to the nation’s only deep geologic repository for nuclear waste. The Waste Isolation Pilot Plant’s ([WIPP site](#)) employs a team of contractors from multiple organizations, including [NWP](#), [LANL](#), and [SNL](#).

### Learn More

[American Nuclear Society](#)

[Institute of Nuclear Materials Management](#)

[World Nuclear Association](#)

[Nuclear & Plasma Sciences Society](#)

[Handshake](#)

[O\\*NET: Nuclear Engineers](#)

[Occupational Outlook Handbook: Nuclear Engineers](#)

[Buzzfile: Employers of Nuclear Engineering majors](#)

[UNM Student Organizations:](#) American Nuclear Society Student Chapter-Trinity Section, Institute of Nuclear Materials Management Student Chapter, National Society of Black Engineers ([NSBE](#)), Engineers Without Borders ([EWB](#)), Hispanic Engineering and Science Organization ([HESO](#)), American Indian Science and Engineering Society ([AISES](#)), Society for Women Engineers ([SWE](#))