Nuclear Engineering at UNM

YOUR MOST-PRESSING QUESTIONS ANSWERED

WHY pursue nuclear engineering?

Nuclear science and engineering is a broad field with many exciting job possibilities, ranging from the medical field to academic research to protecting our nation. We offer bachelor's, master's or Ph.D. degrees in nuclear engineering at The University of New Mexico.

UNM'S NUCLEAR ENGINEERING PROGRAM IS RANKED #14 IN THE NATION

(U.S. NEWS & WORLD REPORT 2023 BEST GRADUATE SCHOOLS)

What kinds of **JOBS** can you get with a nuclear engineering degree?

BACHELOR'S DEGREE jobs include:

- Member of the technical staff at one of the many operating nuclear reactor plants in the U.S.
- Engineers with nuclear vendors such General Electric, Westinghouse, AREVA, Department of Homeland Security and more
- Jobs in radiation detection and health physics
- Jobs in the metal and paper industries and logging of oil fields using radioisotope power systems
- Federal and state government jobs

MASTER'S DEGREE jobs include:

- Most of the jobs above, plus jobs at the U.S. Department of Energy national laboratories on technology development
- Research program managers at the Department of Energy
- Jobs at the U.S. Nuclear Regulatory commission for licensing new plants and ensuring the safe operation of the operating plants

PH.D. jobs include:

- Industry and government jobs
- Many opportunities with national laboratories
- Academic poisitons in teaching and research

ANNUAL STARTING SALARIES RANGE FROM $60K-$130K (DEPENDS ON LEVEL OF EDUCATION, JOB TITLE, ETC.)

NUCLEAR ENGINEERING

ne.unm.edu

"THE UNM NE DEPARTMENT IS AN INCREDIBLY TIGHT-KNIT GROUP OF HIGHLY-MOTIVATED STUDENTS FROM ALL WALKS OF LIFE. AS A STUDENT, YOU WILL GET UNIQUE, HANDS-ON EXPERIENCE WITH NUCLEAR SCIENCE WHILE BUILDING RELATIONSHIPS WITH PEERS, PROFESSORS AND PROFESSIONALS WHO WILL HELP GUIDE YOU ON A PATH TO SUCCESS."

Phoenix **BALDEZ**
Ph.D. student

OUR LOW STUDENT-FACULTY RATIO MEANS MORE ATTENTION FROM INSTRUCTORS

(AND YOU WON'T BE LOST IN THE CROWD)

MYTHS vs. FACTS about nuclear engineering

MYTH: Nuclear power is dangerous and is no longer a viable field.

FACT: Nuclear power is safe and clean, providing around 19% of the U.S. electricity generation and more than 20% of the world's, with no concern of increasing the carbon footprint. Nuclear power also provides heat for applications such as water desalination, the paper and metal industries and more.

MYTH: There are few jobs in nuclear engineering.

FACT: There is a huge demand for nuclear engineers because of increased demand in the field (new nuclear power plants are in the works in the U.S. and around the world), in addition to a need created from retiring nuclear engineers. Our graduates are in demand!

MYTH: UNM doesn't offer any unique advantages compared to other programs.

FACT: UNM's nuclear engineering program offers a lot of advantages over others, including proximity to national laboratories and a training nuclear reactor, which means that students get unique hands-on experience. It's a small department, which means students received focused attention. Many of our graduates transition seamlessly into graduate programs at prestigious universities. (Oh, and UNM is located in Albuquerque, where there are 310 days of sunshine a year and a very temperate climate.)

UNM IS ALSO AFFORDABLE!
FIND OUT MORE AT DEFINE.UNM.EDU/AFFORDABLE/