

MINOR:
Nuclear Energy (N E)

The Department of Chemical Engineering in the College of Engineering at New Mexico State University is offering a minor in **Nuclear Energy**.

A student must pass 18 credits from the list below with a grade of C or better. No courses may be taken S/U. All prerequisites for the classes must be met or consent of the instructor obtained before enrolling in a class.

Three (3) required courses: 9 cr.

- CHE 470 Introduction to Nuclear Energy
- CHE 471/WERC 471 (co-listed) Health Physics
- CHE 476 Nuclear Fuel Cycles

Three (3) elective courses selected from: 9 cr.

- CHE 472 Radiation Effects
- CHE 473 Regulations and Compliance
- CHE 474 Thermal Power Plant Design
- CHE 475 Nuclear Reactor Theory
- EE 332 Introduction to Electric Power Engineering
- EE 431 Power Systems II
- ME 480 Nuclear Systems
- ECON 455 Public Utilities Regulation
- PHYS 315 Modern Physics
- PHYS 315L Experimental Modern Physics
- PHYS 454 Intermediate Modern Physics I
- PHYS 455 Intermediate Modern Physics II