

Admission Requirements



The Department of Physics at New Mexico State University offers both Ph.D. and Master's degrees (M.S.). There are about 40 graduate students in our department, mostly working on their Ph.D. degrees and receiving financial aid in the form of Graduate Assistantships.

- For full consideration, applications must be submitted by Feb. 15.
- Bachelor's in physics or related field is required, with a 3.0 GPA.
- General GRE and Physics GRE are optional.
- Three letters of recommendation must be submitted.
- International applicants must have a TOEFL score of 79, IELTS of 6.5, or Duolingo of 105.
- Additional instructions can be found on the departmental website.
- There is currently no fee for the first application to a graduate program.



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New Mexico State University
nmsu.edu



Contact Us!

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New Mexico State University Department of Physics

Graduate Program



WHAT WILL YOU DISCOVER?

The study of physics uncovers deep insights into our universe. The Department of Physics at NMSU offers an M.S. and Ph.D. degree with a variety of specializations in experimental, theoretical, and computational physics.

MORE THAN A DEGREE

With a graduate degree in physics, you will gain knowledge and skills through hands-on research, allowing you to pursue a successful career in industry, government, military, or teaching.

LIFE IN LAS CRUCES

New Mexico State University offers a high-quality education at an affordable price. Our campus in Las Cruces, N.M., is located between the rugged Organ Mountains and the Rio Grande, providing numerous outdoor recreational opportunities. Las Cruces has the friendly atmosphere of a small college town, with a vibrant arts scene and diverse culture.

RESEARCH IN PHYSICS

OPTICS AND MATERIALS SCIENCE

Researchers in this field look at a wide variety of topics. One group studies the optical characterization of materials while another group studies material informatics and crystallography. A third group studies magnetic superconducting materials, in the form of thin films and interfaces between materials.

PARTICLE AND NUCLEAR PHYSICS

This area of research focuses on studies of the strong interaction and the structure of the nucleon. Theoretical studies include research in perturbative, non-perturbative, and lattice quantum chromodynamics, while experimental research is conducted mostly using accelerator facilities at various national labs.

PARTNERS IN RESEARCH

Research is central to the study of physics. The department's current research areas are nuclear physics, and materials science. In addition to working on research with our renowned faculty, our strong partnerships give students the opportunity to participate in cutting-edge research with some of our nation's best scientists. Our partnerships include Sandia and Los Alamos National Lab, Fermi National Accelerator Lab, Jefferson Lab, the Air Force Research Lab, and Brookhaven National Lab.

Teaching and research assistantships are available for financial support during the academic year, and summer support is usually available from the department's research groups or nearby national labs.

