THE UNIVERSITY OF NEW MEXICO
SCHOOL OF ENGINEERING PROFILE

The University of New Mexico (UNM) is the premier research university in the state of New Mexico. Founded in 1906 and located on the main campus of the University of New Mexico in Albuquerque, the School of Engineering is a leader in engineering education and research.

UNM is the only university in New Mexico to receive a “Research University/Very High Research Activity” designation by the Carnegie Foundation for the Advancement of Teaching. This status confirms a university’s world-class research, academic excellence, exceptional student body, and highest levels of innovation, creativity, and scholarship. The combination of an urban location, proximity to national labs, and programs in medicine, law, and engineering truly sets UNM apart.

DEPARTMENTS
Chemical and Biological Engineering
Civil Engineering
Computer Science
Electrical and Computer Engineering
Mechanical Engineering
Nuclear Engineering

DEGREE MAJORS
Biomedical Engineering, M.S., Ph.D.
Chemical Engineering, B.S., M.S., Ph.D.
Civil Engineering, B.S., M. Eng., Ph.D.
Computer Engineering, B.S., M.S., Ph.D.
Computer Science, B.S., M.S., Ph.D.
Construction Engineering, B.S., M.S.
Construction Management, B.S., M.S.
Electrical Engineering, B.S., M.S., Ph.D.
Manufacturing Engineering, M. Eng.
Mechanical Engineering, B.S., M.S., Ph.D.
Nanoscience and Microsystems, M.S., Ph.D.
Nuclear Engineering, B.S., M.S., Ph.D.
Optical Science and Engineering, M.S., Ph.D.

ACADEMIC OVERVIEW
Enrollment, Fall 2013
Undergraduate  2106
Masters       337
PhD           451
Total         2894

Degrees Awarded, 2012 - 2013
Undergraduate degrees 198
Master's degrees 134
PhD degrees 47
Total 379

EXCELLENCE IN RESEARCH
Research is a fundamental and enabling element that is integrated into virtually every program in UNM Engineering and is the basis for most master’s and Ph.D. degrees. The School participates in cutting-edge research collaborations with universities worldwide, industry, and the national laboratories.

Research Funding, 2014
Total annual expenditures $29.86 million

In collaboration with partners including Massachusetts Institute of Technology and Arizona State University, UNM Engineering participates in four National Science Foundation Engineering Research Centers:
- The Nanomanufacturing Systems for Mobile Computing and Mobile Energy Technologies Center
- The Smart Lighting ERC
- The Quantum Energy and Sustainable Solar Technology ERC
- The Biorenewable Chemicals ERC

FACULTY HONORS
National Academy of Engineering - 1 Member
Institute of Electrical and Electronic Engineers - 10 Fellows
American Astronautical Society - 1 Fellow
American Society of Mechanical Engineers - 5 Fellows
American Nuclear Society - 2 Fellows
American Institute of Chemical Engineers - 1 Fellow
American Vacuum Society - 1 Fellow
Int. Assoc. for Advancement of Space Safety - 1 Fellow
Optical Society of America - 3 Fellows
Microscopy Society of America - 1 Fellow
NSF CAREER Awards – 20 since 2005
PECASE Awards – 2 since 2000
R&D 100 Awards – 3 since 2012

NOTABLE RECENT RESEARCH AWARDS
- $5 million NSF CREST Award — Center for Water and the Environment, 2014
- $15 million National Institutes of Health Institutional Development Award, 2013
- $7.5 million Department of Defense Multidisciplinary University Research Initiative Grant, 2012

ECONOMIC DEVELOPMENT
Intellectual property and start-ups developed by faculty and students contribute to the region’s economic development. The university’s innovative technology is licensed by STC.UNM, including School of Engineering research in optics, microfluidics, and high-performance materials as well as diagnostics, medical devices, and drug discovery tools.
- Patents issued since 1995: 240
- Start-up companies using UNM Engineering innovations since 1995: 33