CAREERS FOR
Chemical Engineering
MAJORS

Chemical engineers advance medicines, develop electronics, enhance food production, generate energy, improve materials, and save the environment by applying chemistry, biology, mathematics, and engineering knowledge to solve challenges. They design and manufacture raw materials into everyday products including the clothes we wear, the food and drink we consume, and the energy we use.

The Department of Chemical & Biological Engineering at UNM offers a B.S. in Chemical Engineering (Concentrations: Chemical Process Engineering, Bioengineering, Environmental Engineering, Materials Processing, and Semiconductor Manufacturing), an M.S. in Chemical Engineering, and a Ph.D. in Engineering with a concentration in Chemical Engineering.

Eligible undergraduate students may apply to the Shared-Credit Undergraduate/Graduate Degree Program designed to allow students to complete a B.S. and M.S. in an abbreviated time period (usually five years, depending upon the student's mathematics preparation upon entering UNM as a first-year student). Typically, students choose an M.S. degree in Chemical Engineering or Biomedical Engineering, but students may also choose an M.S. in another engineering field. For students interested in the business side of chemical engineering, they may apply to the 3+2 BS/MBA Program.

Industries & Target Employers
Private Industry
Nanotechnology, alternative energies, biotechnology, agricultural, polymerization, industrial, petroleum, pharmaceutical and medicine, cosmetic, food processing, environmental, consulting, development, project management, electronics, fuels and energy, materials, manufacturing plants, sales, fire-prevention and protection, mining safety, nanomaterials, biological engineering, health and safety

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

Education
University/college faculty or administrator (PhD required), researcher

Top Companies
Sandia National Labs
CITGO Petroleum Corporation
Illumina, Inc.
Los Alamos National Lab

Apple Inc.
Community Power Corporation
Trinity Consultants, Inc.
Aecom

Sandia National Labs and Los Alamos National Lab are leading employers in New Mexico for UNM graduates.
Salary Information Chemical Engineers

<table>
<thead>
<tr>
<th>Yearly</th>
<th>Albuquerque, NM MSA</th>
<th>United States</th>
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<tbody>
<tr>
<td>High</td>
<td>$169,080</td>
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<tr>
<td>Median</td>
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<td>Low</td>
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Tips

- Technical skills and regulatory compliance knowledge of health, safety, and environmental regulations are essential.
- Teamwork skills for collaborating to solve problems with production and manufacturing teams of engineers, technicians, and mechanics are important.
- Awareness of commercial processes including logistics, sales, and marketing of products may set you apart from other candidates.
- Intel, a global corporation, has a manufacturing location in Rio Rancho, NM. Intel hires UNM students and graduates.

Learn More

American Institute of Chemical Engineers
AIChe Internship Career Center
American Chemical Society
The Association of Energy Engineers
Biomedical Engineering Society
North American Catalysis Society
Handshake
O*NET: Chemical Engineers
Occupational Outlook Handbook: Chemical Engineers
Buzzfile: Employers of Chemical Engineering majors
Student Activities Center - American Institute of Chemical Engineers (AIChe) Student Chapter, Hispanic Engineering and Science Organization (HESO), American Indian Science and Engineering Society (AISES), National Society of Black Engineers (NSBE), Society of Women Engineers (SWE)