

ABOUT A DEGREE IN CHEMICAL ENGINEERING

Chemical Engineers combine the science of chemistry with the discipline of engineering in order to solve problems and find more efficient ways of doing things. One might not realize from this definition that Chemical Engineers are largely responsible for the production of the fuel we burn, the purification of water and air and the recovery and use of the raw materials found in our land and oceans. Chemical Engineers develop processes on all scales—from industrial processes involving tons of materials every hour, to micro-scale and nano-scale processes involved in making semiconductor circuits or in biological processes.

RELATED SKILLS

Capacity for details
Enjoy Mathematics and Science
Interest in experimentation
Research-oriented
Ability to formally present technical detail

HIRING INSTITUTIONS

Government
Military
Industrial Firms
Oil/Gas Industry
Pharmaceutical Companies
Public Health Services
Consulting Firms
Chemical Companies
Oil Field Supply Firms

RELATED WEBSITES

OU School of Chemical, Biological & Materials Engineering
Career Services, University of Oklahoma
American Institute of Chemical Engineers
Society of Women Engineers
ThinkJobs.com
National Index of Engineering Jobs and Resources
Monster TRAK
Engineering Central
Engineerjobs.com
Justengineers.net

www.cbme.ou.edu
www.hiresooner.com
www.aiche.org
www.swe.org
www.thinkjobs.com/Think.Technology2?OpenForm
www.engineeringjobs.com
www.monstertrak.com
www.engcen.com
www.engineerjobs.com
www.justengineers.net
www.nationjob.com/community_list.cgi/engineering

careerpaths

Chemical Engineer
Field Engineer
Steam Cracking Chemical Engineer
Flow Modeling Engineer
Automotive Catalyst Expert
Process Development Engineer
Process Scientist
Water Compliance Engineer
Specialty Chemical Sales Engineer
Environmental Engineer
Manufacturing Engineer
Materials Engineer
Product Development Engineer
Engineering Facilities Manager
Instrumentation Engineer
Applications Engineer
Instrument Reliability Engineer
Pharmaceutical Process Engineer
Project Engineer
Characterization Scientist
Chemical Process Engineer