

Bachelor of Science in Chemical Engineering

Chemical Engineering is the profession that combines chemistry and engineering concepts to help solve problems related to world hunger, pollution of our environment, creating new materials, or meeting demands for energy. Chemical engineers are instrumental in the production of virtually all pharmaceuticals as well as life-saving devices such as the artificial kidney. They are working on ways to recycle plastics, reduce pollution, and develop new sources of environmentally clean energy. Their knowledge of chemistry coupled with an understanding of chemical processing that allows them to tackle most any chemical problem, from waste minimization, to environmental remediation, to clean-up of stack gases, or to purification of drinking water. Most major chemical companies hire chemical engineers to fill their technical positions in environmental engineering.

Entry-Level Positions

[Chemical Engineer](#)

[Petroleum Engineer](#)

[Environmental Engineer](#)

[Materials Engineer](#)

[Biochemical Engineer](#)

Curriculum Information

[Chemical Engineering Eight Semester Plan](#)

Positions with a Graduate Degree

[Engineering Teachers, Postsecondary](#)

Professional Organizations and Related Resources

[American Institute of Chemical Engineers](#)

[Chemical and Engineering News](#)

[Chemical Engineering Magazine](#)

[Discover Engineering](#)

[Institution of Chemical Engineers](#)

[National Society of Professional Engineers](#)

[Sloan Career Cornerstone Center](#)

[Society of Women Engineers](#)

[American Society for Engineering Education](#)

Where else can I find information on this major?

[Occupational Outlook Handbook](#)

[O*Net Online](#)

[USF Career Services](#)