What to do with a degree in...

**CHEMICAL ENGINEERING**

A degree in Engineering, Architecture or Technology provides the knowledge and tools for problem solving. Be aware that the actual work that engineers perform will vary depending on the company and industry in which they work. Some engineers work in a research or development capacity, while others serve in management roles. The work environment also varies, including outdoor work, work in an office setting, or a combination. Students completing the degree program will have a strong background in mathematics, science, and engineering, an understanding of professional and ethical responsibilities, and the ability to communicate effectively.

**SKILLS**

Graduates are able to apply the principals of chemical thermodynamics, material transport, reaction kinetics, and system controls to various chemical processes.

**CAREER PATHS**

- EXPLORATION & PRODUCTION ENGINEER
- FIELD ENGINEER
- PROCESS ENGINEER
- PRODUCTION ENGINEER
- ENGINEER I
- COMBUSTION ENGINEER
- CONSULTANT
- CONTROLS SYSTEM ENGINEER
- PIPELINE ENGINEER
- ASSET ENGINEER
- SALES/APPLICATIONS ENGINEER

**WHO HIRES CHEMICAL ENGINEERING MAJORS**

- Halliburton
- ONEOK
- ConocoPhillips
- Georgia-Pacific
- Zeeco, Inc.
- ConocoPhillips
- Ascent Resources

HireOSUGRADS.com
STARTING AVERAGE SALARIES

(DATA GATHERED FROM OSU CEAT GRADUATES)

2017 - $75,000
2018 - $74,400

TIPS FOR SUCCESS IN CHEMICAL ENGINEERING
- Obtain a co-op or internship experience as an opportunity to discover career interests and to serve as a great resume builder.
- Collaborate with local partners to design and implement sustainable engineering projects through study abroad opportunities or Engineers Without Borders.

GET INVOLVED ON CAMPUS
American Institute of Chemical Engineers
Chem-E Car Competition
CEAT Student Council
Engineers Without Borders
Society of Petroleum Engineers

MARKETABLE SKILLS OF CHEMICAL ENGINEERING GRADUATES
- Perform mass/energy balances on a system
- Determine safety and risk associated with a chemical process
- Perform preliminary and detailed designs of chemical systems
- Communicate effectively and professionally on technical topics