

# CHEMICAL ENGINEERING, MINOR

---

## Program Overview

The profession of chemical engineering involves the analysis, design, operation, and control of processes that convert matter and energy to more useful forms, encompassing processes at all scales from the molecular to the megascale. A minor in chemical engineering allows you to explore topics in these areas to enhance your major and avail opportunities in chemical, energy, and materials-related industries.

## Undergraduate Policies

For undergraduate policies and procedures, please review the Office of Undergraduate Studies section of the General Bulletin.

## Program Requirements

The minor in chemical engineering is for students majoring in other disciplines. A minimum of 17 hours in chemical engineering courses is required for the minor. The required courses are:

Code	Title	Hours
ENGR 225	Thermodynamics, Fluid Dynamics, Heat and Mass Transfer	4
ECHE 260	Introduction to Chemical Systems	3
ECHE 360	Transport Phenomena for Chemical Systems	4
Plus two courses selected from the following:		6-8
ECHE 361	Separation Processes	
ECHE 363	Thermodynamics of Chemical Systems	
ECHE 364	Chemical Reaction Processes	
ECHE 365	Measurements Laboratory	
ECHE 367	Process Control	
<b>Total Hours</b>		<b>17-19</b>