# CHEMICAL ENGINEERING, MINOR

## Minor Requirements (18 Hours)

The Chemical Engineering minor requires:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECHE 300</td>
<td>Chemical Process Principles</td>
<td>3</td>
</tr>
<tr>
<td>ECHE 311</td>
<td>Chemical Engineering Thermodynamics</td>
<td>3</td>
</tr>
<tr>
<td>ECHE 320</td>
<td>Chemical Engineering Fluid Mechanics</td>
<td>3</td>
</tr>
<tr>
<td>ECHE 440</td>
<td>Separation Process Design</td>
<td>3</td>
</tr>
</tbody>
</table>

### Chemical Engineering Minor Electives (6 hours) : 6 additional hours selected from:

- Minor Electives that do not require MATH 242
  - ECHE 372  Introduction to Materials
  - ECHE 389  Special Topics in Chemical Engineering
  - ECHE 521  Computational Fluid Dynamics for Engineering Applications
  - ECHE 571  Corrosion Engineering
  - ECHE 572  Polymer Processing
  - ECHE 573  Next Energy
  - ECHE 589  Special Advanced Topics in Chemical Engineering

- Minor Electives that require MATH 242 as pre-requisite
  - ECHE 321  Heat-Flow Analysis
  - ECHE 456  Computational Methods for Engineering Applications

### Total Credit Hours

18