

Chemical Engineering B.S.C.H.

2- Year Plan of Study

Items marked with a ☒ are critical for the student to remain on track for graduation.

Notes

The Plan of Study is a static review of the degree. Connect with your major advisor for a personalized path toward graduation.

Potential Entry Level Job Titles:

Chemical Engineer ◦ Project Engineer ◦ Process Engineer ◦
Applications Engineer ◦ Production Engineer ◦ Process Control Engineer

Potential Entry Level Salary Range:

\$65,000 - \$93,000

Semester 1 - Summer

Crit	Course/Requirement	Credits
<input checked="" type="checkbox"/>	ECH 3023 - Material & Energy Balances	3
<input type="checkbox"/>		

Semester 2 - Fall

Crit	Course/Requirement	Credits
<input checked="" type="checkbox"/>	EGN 3000 - Foundations of Engineering	0
<input checked="" type="checkbox"/>	ECH 3002 - Intro Chem & Biomolecular Eng	2
<input type="checkbox"/>	ECH 3854 - Engineering Computations	3
<input checked="" type="checkbox"/>	ECH 3101 - Chemical Engineering Thermo I	3
<input type="checkbox"/>	EMA 4003 - Intro to Materials Science	3
<input type="checkbox"/>	Major Elective	3
<input type="checkbox"/>		

Semester 3 - Spring

Crit	Course/Requirement	Credits
<input type="checkbox"/>	ECH 4846 - Numerical Methods in Chem Engr	3
<input checked="" type="checkbox"/>	ECH 3266 - Transport Phenomena I	3
<input checked="" type="checkbox"/>	ECH 4123 - Chemical Engineering Thermo II	3
<input type="checkbox"/>	Major Elective	3
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 4 - Summer		
Crit	Course/Requirement	Credits
<input checked="" type="checkbox"/>	ECH 4267 - Transport Phenomena II	3
<input checked="" type="checkbox"/>	ECH 4418 - Separation Processes	3
<input type="checkbox"/>	Major Elective	3
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 5 - Fall		
Crit	Course/Requirement	Credits
<input type="checkbox"/>	ECH 4504 - Reaction Engineering	3
<input checked="" type="checkbox"/>	ECH 3240L - Chemical Engineering Lab I	2
<input checked="" type="checkbox"/>	ECH 4323 - Process Dynamics & Control	3
<input checked="" type="checkbox"/>	ECH 4605 - Product & Process Systems Eng.	3
<input type="checkbox"/>	ECH 4715 - Safety & Ethics	2
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 6 - Spring		
Crit	Course/Requirement	Credits
<input type="checkbox"/>	ECH 4241L - Chemical Engineering Lab II	2
<input type="checkbox"/>	ECH 4615C - Product & Process Design	3
<input type="checkbox"/>	ECH 4680C - Product Development	3
<input type="checkbox"/>	Major Elective	3
<input type="checkbox"/>	Major Elective	3
<input type="checkbox"/>	Apply for Graduation	0
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		