

Student Name _____
 Advisor _____

Catalog Year _____

University of Idaho
Department of Chemical & Biological Engineering--Chemical Engineering Plan
^[1] **Fall 2020 --- Spring 2024**

Freshman

	Fall 2020			Spring 2021		
CHE 110	Intro to Chemical Engineering (P/F)	1	√	CHE 210	Integ. Chem. Engr. Fund. (P/F)	1
^[3] CHE 123	Comp. in Chemical Engineering	2	_____	^[2] Chem 112	General Chemistry II	3
^[2] CHEM 111	General Chemistry I	3	_____	^[2] Chem 112 Lab	General Chem II Lab	2
^[2] Chem 111 Lab	General Chemistry I Lab	1	_____	^[3] Math 175	Analyt. Geom & Calculus II	4
Engr 102	Coll. Writing & Rhetoric	3	_____	^[3] Phys 211	Engr Physics I	3
<i>ISEM 101</i>	<i>Integrated Seminar</i>	3	_____	^[3] Phys 211 Lab	Engr Physics I Lab	1
Math 170	Analyt Geom & Calculus I	4	_____	^[2] Engr 210	Engineering Statics	3
TOTAL		17		TOTAL		17

Sophomore

	Fall 2021			Spring 2022		
Chem 277	Organic Chemistry	3	√	^[2] CHE 223	Materials/Energy Balances	3
Chem 278 Lab	Organic Chemistry Lab	1	_____	Chem 372	Organic Chemistry II	3
^[2] Engr 320	Thermo & Heat Transfer	3	_____	Chem 374 Lab	Organic Chemistry II Lab	1
^[2] Math 275	Analyt. Geom & Calc III	3	_____	^[2] Engr 335	Fluid Mechanics	3
Phys 212	Engr Physics II (no lab)	3	_____	^[2] Math 310	Ord Diff Equations	3
^[3] Elective	Computer Programming Elective	3	_____	Elective	Econ 201 or 202	3
TOTAL		16		TOTAL		16

Junior

	Fall 2022			Spring 2023		
CHE 326	Chem. Engr. Thermodynamics	3	√	CHE 330	Separation Processes I	3
CHE 340	Transport & Rate Processes I	4	_____	CHE 341	Trans/Rate Processes II	4
Chem 305	Phys. Chemistry	3	_____	CHE 423	Reactor Kinetics & Design	3
Chem 307 Lab	Phys. Chemistry Lab	1	_____	Elective	Math Elective 300 or higher	3
Engr 240	Intro to Electrical Circuits	3	_____	Elective	Communications Elective	2/3
Elective	Hum/SS-American Diversity Elective	3	_____	<i>ISEM 301</i>	<i>Integrated Seminar</i>	1
TOTAL		17		TOTAL		16/17

Senior

	Fall 2023			Spring 2024		
CHE 433	Chemical Engineering Lab I	1	√	CHE 434	Chemical Engineering Lab II	1
CHE 444	Process Analysis & Control	3	_____	CHE 445	Digital Process Control	3
CHE 453	Process Analysis & Design I	3	_____	CHE 454	Process Analysis & Design II	3
CHE 491	Senior Seminar	1	_____	Elective	Technical Elective 300 or higher	3
Elective	ChE/MSE elective 390 or higher	3	_____	Elective	Hum/SS Elective	3
Elective	Hum/SS-International Elective	3	_____			
Elective	Technical Elective (300 or higher)	3	_____			
TOTAL		17		TOTAL		13

Important notes:

- [1] This form is for guideline purposes only; the UI Catalog outlines the official requirements.
- [2] A grade of "C" or better is required before registration is permitted in upper division courses.
- [3] Passing grade required.

A student majoring in chemical engineering may not register for upper-division CHE Courses after accumulating more than four grades of D or F in mathematics, science or engineering courses. Included in this number are multiple repeats in a single class or single repeats in multiple classes. A warning will be issued in writing to students who have accumulated two grades of D or F used to satisfy curricular requirements.

A GPA in CHE designated courses of at least 2.0 is required to graduate.

Courses to total 128 credits for this degree.

* See General Education Requirements
 Engineering credits must total 45 to meet ABET Accreditation.