

Chemical and Biological Engineering
B.S. Degree in Chemical and Biological Engineering
Effective Fall 2025

Name:	ID:
Date entered dept:	Minor:
	Concentration:

Required Science and Engineering Coursework:

First Year:		Fall (15cr)		Spring (14cr)		Second Year:
ENGR 111, 114 (3, 3)		_____		_____		CBE 201, 210 (3, 3)
Chem 120 (4)		_____				CBE 205 (3)
Chem 121 (1)		_____				CBE 223 (2)
MATH 160, 161 (4, 4)		_____				Chem 241 (4)
LIFE 102 (4)				_____		Chem 242 (1)
CO 150 (3)		_____				MATH 261, 340 (4, 4)
AUCC (3)				_____		PH 141 (5)
						CBE 393 (1)
						AUCC

Third Year:		Fall (17cr)		Spring (16cr)		Fourth Year:
CBE 320 (3)		_____				CBE 443 (2)
CBE 330 (3)		_____				CBE 430 (3)
CBE 331 (3)		_____				CBE 442 (4)
CBE 332 (3)				_____		CBE 451, 452 (3, 3)
CBE 334/335 (1, 1)		_____		_____		Tech Elect (3, 3)
CBE 340 (3)				_____		Tech elect (3)
BC 351 or Chem 321 (4)		_____				AUCC (3, 3)
Chem Elective**, Biosci Elect (3,3)		_____		_____		AUCC (3)
Chem Elective (3)				_____		
AUCC				_____		

Engineering and Science Electives***

Bioscience Elective (3)	Technical Elective (3)
Chemistry Elective** (3)	Technical Elective (3)
Chemistry Elective** (3)	Technical Elective (3)

AUCC - required coursework*

AUCC1C (3)	AUCC 3C - Social/Behavioral (3)
_____	_____
AUCC 2 - Advanced Writing (3)	AUCC 3D - Historical Perspectives (3)
_____	_____
AUCC 3B - Arts and Humanities (3)	AUCC 3B - Arts and Humanitites (3)
_____	_____

Note: All numbers in parenthesis indicates credits

**See AUCC in the general catalog for eligible courses*

****May be used to complete concentration*

***One Chem Elective must be at 300, 400, or 500 level*