

**Department of Chemical and Biological Engineering**  
**B.S. DEGREE IN CHEMICAL AND BIOLOGICAL ENGINEERING**

**Total credits: 130**

Course Requirement Checklist (rev 08/22)

Applicable to new students from Fall 2022

Name: \_\_\_\_\_

Date entered dept: \_\_\_\_\_

Minor (optional): \_\_\_\_\_

**Required engineering and science courses:**

FIRST YEAR	SECOND YEAR
CBE 101A <sup>1</sup> (2) _____ OR _____	CBE 201 (3) _____
CBE101B (1) _____ OR _____	CBE 205 (3) _____
CBE 160 <sup>1</sup> (1) _____ OR _____	CBE 210 (3) _____
CO 150 (3) _____ OR _____	CHEM 341, 343 (3,3) _____
CHEM 111, 113 (4,3) _____	CHEM 344 (2) _____
CHEM 112, 114 (1,1) _____	MATH 261, 340 (4,4) _____
MATH 160, 161 (4,4) _____	PH 142 (5) _____
PH 141 (5) _____	
LIFE 102 (4) _____	

  

THIRD YEAR	FOURTH YEAR
CBE 310 (3) _____	CBE 333, 443 (2,2) _____
CBE 320 (3) _____	CBE 430 (3) _____
CBE 330 (3) _____	CBE 442 (4) _____
CBE 331 (3) _____	CBE 451, 452 (3,3) _____
CBE 332 (3) _____	
BC 351 (4) _____	
CBE 393 (1) _____	

**Engineering and science elective courses:**

Bioscience Elective (3) \_\_\_\_\_

Engineering Elective (3) \_\_\_\_\_

Technical Electives (6) \_\_\_\_\_

**AUCC – required courses that are not listed above<sup>2</sup>**

**AUCC 1A Diversity, Equity and Inclusion**  
\_\_\_\_\_ ( ) \_\_\_\_\_

**AUCC 3C: Social/Behavioral Sciences (3)**  
\_\_\_\_\_ ( ) \_\_\_\_\_

**AUCC 2A/B: Advanced Writing (3)**  
\_\_\_\_\_ ( ) \_\_\_\_\_

**AUCC 3D: Historical Perspectives (3)**  
\_\_\_\_\_ ( ) \_\_\_\_\_

**AUCC 3B: Arts/Humanities (6)**  
\_\_\_\_\_ ( ) \_\_\_\_\_  
\_\_\_\_\_ ( ) \_\_\_\_\_

*Note: all numbers in parenthesis indicate credits.*

<sup>1</sup> See All University Core Curriculum (AUCC) in the General Catalog for eligible courses.

<sup>2</sup>Take CBE 101A/B & CBE 160 together OR CO 150