



## BAKER UNIVERSITY MAJOR CHECKLIST

### BIOCHEMISTRY

B.A. or B.S

#### MAJOR REQUIREMENTS

##### **BIOCHEMISTRY CORE REQUIREMENTS: (47 HRS)**

BI151 Introduction to Molecular and Cellular Biology (3 hrs)  
BI151L Introduction to Molecular and Cellular Biology Lab (1 hr)  
BI152 Genetics (4 hrs)  
BI385 Advanced Molecular Biology (3 hrs)  
BI386 Advanced Methods in Biochemistry & Molecular Biology (3 hrs)  
CH137 General Chemistry I (3 hrs)  
CH137L General Chemistry I Lab (1 hr)  
CH138 General Chemistry II (3 hrs)  
CH140 Quantitative Analysis (2 hrs)  
CH251 Organic Chemistry I (3 hrs)  
CH251L Organic Chemistry I Lab (1 hr)  
CH252 Organic Chemistry II (3 hrs)  
CH252L Organic Chemistry II Lab (1 hr)  
CH341 Instrumental Methods of Analysis (4 hrs)  
CH361 Physical Chemistry I (3 hrs)  
CH361L Physical Chemistry Lab I (1hr)  
CH370 Biochemistry (3 hrs)  
CH470 Advanced Topics in Biochemistry (3 hrs)  
BI410 Senior Seminar in Biology **OR**  
CH491 Chemistry Seminar (2 hrs)

##### **SUPPORTING COURSEWORK (16 hrs)**

MA171 Calculus I (4 hrs)  
MA172 Calculus II (4 hrs)  
PC125 Introductory Physics I **OR** PC225 General Physics I (4 hrs)  
PC126 Introductory Physics II **OR** PC226 General Physics II (4 hrs)

#### COURSES COMPLETED OR IN PROGRESS

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#### Notes:

- 1) Students who are interested in graduate school or engineering should take PC 225/PC 226, if possible.
- 2) Students majoring in Biochemistry may not also major or minor in Biology or Chemistry.

STUDENT NAME: \_\_\_\_\_

STUDENT ID: \_\_\_\_\_

DATE: \_\_\_\_\_

Catalog year: 2023