# ILLINOIS INSTITUTE OF TECHNOLOGY 

## Undergraduate Studies Committee

Periodic Curricular Review

Academic Unit
Biology
Program
Bachelor of Science in Biochemistry
Major Requirements in Academic Unit
Number of credit hours where a specific course is listed 29

Number of credit hours where a course is selected from a defined list 5-6

Major Requirements outside of Academic Unit
Number of credit hours where a specific course is listed 49

Number of credit hours where a course is selected from a defined list 3-4

## Technical Electives

Number of credit hours of technical electives and how are they defined
11 defines

## Free Electives

Number of credit hours of free electives

## How do students satisfy the core curriculum requirements?

Does the program specify any of the courses that count for the core curriculum?
© Yes
O No
What changes have been made to the program in the last 5 years--or since the last UGSC review--and why? How do these changes provide evidence of a process of continuous improvement? Please show how assessments were used in supporting these changes.

The following changes have been made and reflect development of additional courses to support the program (item 1) and to better prepare students (item 2)

1. Added an additional lab course option after its development
2. Changed the requirement for CHEM344 to a choice of CHEM344 or CHEM438 when the pre-requisities for CHEM344 were changed.

A new team has taken over assessment after a lag in submission of assessment reports and the assessment plan has been recently changed (AY 21-22).

If no changes have been made, please indicate that, and indicate why as well. If no changes were made, what other evidence of a process of continuous improvement can be provided?

What are the common challenges students face to complete the program?
The most common challenges include outside forces (financial constraints, work, mental health) affecting student progress and success. Scheduling is also a challenge as the program relies heavily on courses that are offered only once an AY and sometimes conflict with other required courses. We are continually working on better communication and scheduling to avoid this. Transfer students sometimes arrive with the incorrect versions of some classes i.e. algebra based rather than calculus based physics or with little completed courses in the sciences. This results in very science heavy semesters and difficulty in scheduling to avoid conflicts.

How many students have enrolled in the program over the last 5 years?
31

