

Biotechnology Certificate Requirements

The Biotechnology Certificate program develops and enhances practical workplace skills for current and future workers in the biotechnology and pharmaceutical industries. The program's core consists of four courses in each in four distinct areas of biotechnology: DNA and RNA technology, cell biology technology, protein technology, and a course on standard practices and regulations in the biotechnology and pharmaceutical industries. The courses emphasize laboratory work to develop hands-on skills in using instrumentation and methodology common in the biotechnology and pharmaceutical industries. As prerequisites, the core courses require only one semester each of college-level introductory biology and chemistry.

Program requirements: 18 credits. The final GPA requirement for Biotechnology Certificate is 2.0.

Required Introductory Courses – 8 credits

BIOL 104 Principles of Biology (4 credits)
CHEM 100 General Chemistry I (4 credits)

Required Core Courses – 10 credits

BIOL 265 / CHEM 265 DNA & RNA Technology (3 credits)
BIOL 266 / CHEM 266 Cell Biology Technology (3 credits)
BIOL 267 / CHEM 267 Protein Technology (3 credits)
BIOL 268 / CHEM 268 Regulation and Practices in the Biotechnology Industry (1 credit)

Program Plan Code: CERT_BIOT

Effective Semester: Fall 2025

KU Biotechnology Certificate Check Sheet

Student Name:

Student ID Number:

This check sheet provides a mechanism for students and advisors to keep track of a student's progress in the program. Please refer to the program requirements for more details regarding options.

Program requirements: 18 credits.

Required Introductory Courses - 8 credits

BIOL 104 Principles of Biology	4 credits	Grade:
CHEM 100 General Chemistry I	4 credits	Grade:
Total Credits	8 total credits	

Required Core Courses - 10 credits

BIOL 265 / CHEM 265 DNA & RNA Technology	3 credits	Grade:
BIOL 266 / CHEM 266 Cell Biology Technology	3 credits	Grade:
BIOL 267 / CHEM 267 Protein Technology	3 credits	Grade:
BIOL 268 / CHEM 268 Regulation and Practices in the Biotechnology Industry	1 credit	Grade:
Total Credits	10 total credits	

Program Plan Code: CERT_BIOT

Effective Semester: Fall 2025