[Biotechnology Laboratory Technician – Environmental Biotechnician](https://bluegrass.kctcs.edu/education-training/program-finder/biotechnology.aspx)

Certificate

Coordinator: Deborah Davis ([deborah.davis@kctcs.edu](mailto:deborah.davis@kctcs.edu)) (859) 246-6451

Student Name: Student ID:

*Students must meet college readiness benchmarks as identified by the Council on Postsecondary Education or remedy the identified skill deficiencies.*

Semester 1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Courses | Cr. Hrs. | Term | Grade | Prerequisites | Notes |
| BTN 101 Introduction to Biotechnology | 1 |  |  |  |  |
| CHE 170 General College Chemistry | 3 |  |  | ACT math score of 22 OR MAT 150 with grade of C or better |  |
| CHE 175 General College Chemistry Laboratory | 1 |  |  | Coreq: CHE 170 |  |
| EST 150 Introductory Ecology | 4 |  |  |  |  |
| Total Semester Credit Hours | 9 |  |  |  |  |

Semester 2

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Courses | Cr. Hrs. | Term | Grade | Prerequisites | Notes |
| BTN 201 Biotechnology Techniques I | 4 |  |  | A semester of college biology with lab or college chemistry with lab | First 8 weeks |
| BTN 202 Biotechnology Techniques II | ~~4~~ |  |  | BTN 201 | Second 8 weeks |
| EST 170 Environmental Sampling Laboratory | 2 |  |  | EST 150 |  |
| EST 260 Environmental Analysis Laboratory | 2 |  |  | CHE 170 , Coreq: EST 170 |  |
| Total Semester Credit Hours | 12 |  |  |  |  |
| Total Certificate Credit Hours | 21 |  |  |  |  |

**Graduation Requirements:**

* 25% or more of Total Certificate Credit Hours must be earned at BCTC.
* Cumulative GPA must be 2.0 or higher.

Advisor Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Advisor Contact \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Reviewed by: Deborah Davis Effective Term: Fall 2021*

*Review Date: 02-03-2021*