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**Biotechnology Laboratory Technician – Environmental Biotechnician**

**Certificate**

**Program Coordinator: Deborah Davis E-mail:** **deborah.davis@kctcs.edu** **Phone: 859-246-6451**

**Program Website:** [**https://bluegrass.kctcs.edu/education-training/program-finder/biotechnology.aspx**](https://bluegrass.kctcs.edu/education-training/program-finder/biotechnology.aspx)

**Student Name: Student ID:**

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

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| **First Semester** | **Credit Hours** | **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**  |  |  |  |

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| **Second Semester** | **Credit Hours** | **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**  |  |  |  |

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| * **25% or more of Total Certificate Credit Hours must be earned at BCTC**
* **Grade of C or higher in each course required for the certificate**
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**Graduation Requirements:**

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