



UTAH SYSTEM OF
HIGHER EDUCATION

Utah System of Higher Education
The Gateway, Salt Lake City, UT 84101
801-646-4784

Biotechnology

Technical Certificate (Catalog Year: 2026)

Foundational Courses (28 Credits / 900 Clock-Hours)

| | | Credits | Clock-Hours |
|-----------|--|---------|-------------|
| TEBI 1010 | Fundamentals of Biotechnology | 3 | 90 |
| TEBI 1020 | Laboratory Safety | 1 | 30 |
| TEBI 1031 | Pipette Validation and Technique | 1 | 30 |
| TEBI 1040 | Aseptic Technique | 1 | 30 |
| TEBI 1050 | Chemical Instrumentation and Laboratory Techniques | 3 | 90 |
| TEBI 1061 | Laboratory Calculations | 3 | 90 |
| TEBI 1070 | Quality Control and Manufacturing Practices | 4 | 120 |
| TEBI 1080 | DNA Manipulation and Analysis | 4 | 120 |
| TEBI 1090 | Protein Purification and Analysis | 4 | 120 |
| TEBI 1900 | Externship | 4 | 180 |