



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: 2027)

### 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