

Biotechnology Endorsement Application

Endorsement Application for the Utah State Board of Education

APPLICANT INFORMATION

Name:

CACTUS ID#:

Email:

PURPOSE

This endorsement is meant for certified teachers interested in teaching **Biotechnology** courses. It is attached to a current Utah Educator License with a license area of concentration in **Secondary** or **CTE** Education.

Prerequisite Requirement

CTE Knowledge

Associate Level Requirements

Complete **TWO** of the competency areas.

This endorsement is non-renewable and valid for up to three school years before it expires.

Professional Level Requirements

Complete **ALL** the competency areas.

ENDORSEMENT COMPETENCY AREAS

1. *CTE Knowledge (REQUIRED)*

Select one of the following options:

- ☐ USBE Course: [CTE Orientation Canvas](#) course
- ☐ Complete THREE years of full-time CTE Teaching in Utah
- ☐ Currently hold a professional-level CTE endorsement

2. *Biotechnology*

Select one of the following options:

- ☐ A bachelor's degree in biology, chemistry, or biochemistry
University:
Degree:
- ☐ Hold a current professional endorsement in Secondary Biology 2 or Secondary Chemistry 2.
- ☐ College Course (ex, UVU BTEC 1010)
College: Course code:
Course name: Semester/Year: Grade:
- ☐ NOCTI Exam: #5189 Biotechnology: Written Score Performance Score
- ☐ CE Course Instructor Approval. Documentation attached.

3. Lab Safety

Select one of the following options:

- ☐ A bachelor's degree in biology, chemistry, or biochemistry
University:
Degree:
- ☐ Hold a current professional endorsement in Secondary Biology 2 or Secondary Chemistry 2.
- ☐ College Course (ex, BIOL 1625 or BTECH 1015)
College: Course code:
Course name: Semester/Year: Grade:
- ☐ Online Certificate from a laboratory safety training course. Documentation attached.
- ☐ NOCTI Exam: #5189 Biotechnology. Written Score Performance Score
- ☐ CE Course Instructor Approval. Documentation attached.

4. Biochemistry

Select one of the following options:

- ☐ A bachelor's degree in biology, chemistry, or biochemistry
University:
Degree:
- ☐ Hold a current professional endorsement in Secondary Biology 2 or Secondary Chemistry 2.
- ☐ College Course (ex, WSU CHEM 3510)
College: Course code:
Course name: Semester/Year: Grade:
- ☐ NOCTI Exam: #5189 Biotechnology. Written Score Performance Score
- ☐ CE Course Instructor Approval. Documentation attached.

5. Microbiology

Select one of the following options:

- ☐ A bachelor's degree in biology, chemistry, or biochemistry
University:
Degree:
- ☐ Hold a current professional endorsement in Secondary Biology 2 or Secondary Chemistry 2.
- ☐ College Course (ex, WSU MICRO 2054)
College: Course code:
Course name: Semester/Year: Grade:
- ☐ NOCTI Exam: #5189 Biotechnology. Written Score Performance Score
- ☐ CE Course Instructor Approval. Documentation attached.

APPLICATION SUBMISSION

Submit the application online in the Utah Educator Licensing Application System, [Survey Monkey Apply \(https://usbelicensing.smapply.us\)](https://usbelicensing.smapply.us). Please upload any certifications or documentation that verifies the competencies indicated.