



Secondary Chemistry 2 Endorsement Application for the Utah State Board of Education

Applicant Information:

Name: _____ CACTUS ID#: _____

E-mail: _____

Purpose

This endorsement may be attached to a current Educator License with a Secondary Education area of concentration and is required to teach Advanced Chemistry (AP, CE, and IB) and high school chemistry elective courses. Those with this endorsement can also teach all the courses a Chemistry 1 endorsed educator can teach.

NOTE: *Advanced chemistry (AP, CE, and IB) courses may also include additional requirements in order to be approved by the university or college board to teach.*

Select Endorsement Type: Please check one

- This application is for a Professional Secondary Chemistry 2 Endorsement.
- This application is for an Out of State Licensure Applicant.
- This application is for an Associate Secondary Chemistry 2 Endorsement. I have completed ONE of the following requirement(s):
 - Hold a Professional Secondary Chemistry 1 Endorsement **OR**
 - Completed at least 2 of the 4 Requirement Areas for the endorsement

Instructions for Completing the Application:

1. Complete the Secondary Chemistry 2 Endorsement Application by filling in the table demonstrating how you have completed at least one option for each of the 4 requirement areas.
2. Email completed application and any non-transcript documentation (e.g., MIDAS Transcript, certificates) to licensing@schools.utah.gov. Submit necessary university transcripts to transcripts@schools.utah.gov.

Endorsement Requirements:

The Secondary Chemistry 2 Endorsement has the following 4 requirement areas:

- 1) Science Core (6-8) Endorsement
- 2) Secondary Chemistry 1 Endorsement
- 3) Advanced Quantitative Chemistry Lab Content Knowledge
- 4) Advanced Chemistry Content Knowledge

Prerequisite Endorsements: The Science Core (6-8) and Chemistry 1 Endorsements are requirement in order to earn this endorsement

Competency in each of the 4 requirement areas may be demonstrated by completing at least one of the following options: taking university courses, having a university Major in content area, or other experiences that demonstrates knowledge, skills, and dispositions as approved by the USBE Secondary Science Specialist.

Endorsement Requirement Areas Checklist

Use the Following table to demonstrate how each requirement area for the Chemistry 2 Endorsement has been met. **Each row must be met by at least one of the column options** - cells that are greyed out are not available options. For descriptions of approved options that meet the endorsement requirements, visit: [Secondary Chemistry 2 Endorsement Options](#)

Requirement Area(s) (Aligned Area Competency hyperlink to more details below)	University Course <i>Evidence:</i> If this option is used the application must include a transcript for each course below	College Major <i>Evidence:</i> If this option is used the application must include a transcript with the Major is posted	Prerequisite Endorsement Requirements <i>Evidence:</i> Prerequisite Endorsement must be posted in CACTUS or an Additional Application for prerequisite endorsement must included with this application
Science Core (6-8) Endorsement SC.1-4			Science Core (6-8) Endorsement <input type="checkbox"/> Previously Completed Year Completed _____ <input type="checkbox"/> Additional Application Included
Secondary Chemistry 1 Endorsement C1.1-4			Chemistry 1 Endorsement <input type="checkbox"/> Previously Completed Year Completed _____ <input type="checkbox"/> Additional Application Included
Advanced Quantitative Chemistry Lab Content Knowledge C2.1.A-B	Analytical Chemistry (with Required Lab) University _____ Course Code _____ Year _____ Grade _____		
Advanced Chemistry Content Knowledge C2.2.A-E	Choose two Advanced/Applied Chemistry course options: (In addition to the Advanced/Applied Course used to earn the Secondary Chem I Endorsement) <ul style="list-style-type: none"> ● Biochemistry I and/or II ● Geochemistry I and/or II ● Organic Chemistry I and/or II ● Physical Chemistry I and/or II University _____ Course Code _____ Year _____ Grade _____ University _____ Course Code _____ Year _____ Grade _____	College Major in Chemistry, Chemistry Education, or a Chemistry Variation (e.g., Biochemistry, Geochemistry, Physical Chemistry) Major _____ University _____ Year _____	

Specific Competencies for each Secondary Chemistry 2 Endorsement Requirement Area are described below

Applicant's Signature

I, _____, certify that the information contained in this application is true.

I have submitted any required documentation (e.g., transcripts).

Any submitted University transcripts meet the following guidelines.

- Electronic transcripts:
 - Official electronic transcripts must be sent directly from the College/University clearinghouse to the USBE Licensing Department at transcripts@schools.utah.gov.
 - Electronic transcripts sent from the applicant will not be accepted.

For Office Use Only

The application is complete and approved.

The application is incomplete, but the applicant qualifies for an associate endorsement.

Applicant is qualified by: Holds a Professional Chemistry 1 Endorsement 2 of 4 Requirement Areas met

The application is incomplete and not approved for the following reason(s):

ENDORSEMENT SPECIALIST: _____ Date Reviewed and Returned to Licensing: _____