

# SECONDARY CHEMISTRY 2 ENDORSEMENT

Application for the Utah State Board of Education

## APPLICANT INFORMATION

Name: \_\_\_\_\_ CACTUS ID#: \_\_\_\_\_

E-mail: \_\_\_\_\_

## PURPOSE

This endorsement, when attached to a current Secondary Education License, verifies that the individual has the skills and knowledge necessary to teach students in an advanced secondary physical chemistry science classroom 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.

## PRELIMINARY QUESTIONS

**PREREQUISITES: I have met the ALL the following requirements and provided the necessary documentation:**

- Has a Secondary Science Core Endorsement
  - Previously Completed - Year \_\_\_\_\_
  - Additional Application Included
- Has a Secondary Chemistry 1 Endorsement
  - Previously Completed - Year \_\_\_\_\_
  - Additional Application Included

**Do you have a degree major in Chemistry, Chemistry Education, Physical Science Education, or a Chemistry Variation (e.g., Biochemistry, Geochemistry, Physical Chemistry)? A degree major IS NOT required but is one way to demonstrate competency for several requirement areas.**

No

Yes University: \_\_\_\_\_

Major name: \_\_\_\_\_ Year: \_\_\_\_\_

### **ENDORSEMENT REQUIREMENT AREAS**

Use the checkboxes below to indicate how each requirement area for the Secondary Chemistry 2 Endorsement has been met. Only one demonstration of competency is needed per requirement area. For descriptions of the competencies of each requirement area and their approved options, visit: [Secondary Chemistry 2 Endorsement Specs](#).

#### **1. Advanced Quantitative Chemistry Lab Content Knowledge**

*University Course in Analytical Chemistry (with Required Lab)*

University: \_\_\_\_\_ Course code: \_\_\_\_\_

Course name: \_\_\_\_\_ Semester/Year: \_\_\_\_\_ Grade: \_\_\_\_\_

*College Major in Chemistry, Chemistry Education, Physical Science Education, or a Chemistry Variation*

## 2. Advanced Chemistry Content Knowledge

- Two University Courses in any two of the following Advanced/Applied Chemistry course options (In addition to the Integration with Life and Earth Science Course used to earn the Secondary Chemistry 1 Endorsement):*

- *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: \_\_\_\_\_

Course name: \_\_\_\_\_ Semester/Year: \_\_\_\_\_ Grade: \_\_\_\_\_

University: \_\_\_\_\_ Course code: \_\_\_\_\_

Course name: \_\_\_\_\_ Semester/Year: \_\_\_\_\_ Grade: \_\_\_\_\_

- College Major in Chemistry, Chemistry Education, Physical Science Education, or a Chemistry Variation*

### APPLICANT'S SIGNATURE

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

- I have submitted any required documentation such as original transcripts, MIDAS transcripts, etc.
- Electronic transcripts must be sent directly from the College/University clearinghouse to the USBE Licensing Department at [transcripts@schools.utah.gov](mailto:transcripts@schools.utah.gov).

### APPLICATION SUBMISSION

Please submit application online in the Utah Educator Licensing Application system, [Survey Monkey Apply](https://usbelicensing.smapply.us) (<https://usbelicensing.smapply.us>)