

SCIENCE ENDORSEMENT APPLICATION

SCIENCE CORE

Application for the Utah State Board of Education

APPLICANT INFORMATION

Name:

CACTUS ID#:

E-mail:

PURPOSE

This endorsement, when attached to a current Educator License, verifies that the individual has the skills and knowledge necessary to teach students three-dimensionally in a secondary science classroom and is required to teach Middle School Science Courses in Grades 6, 7, or 8. Additionally, this endorsement is required as a prerequisite to earn any high school Level-1 or Level-2 content specific science endorsement.

ENDORSEMENT LEVEL

A professional endorsement will be awarded when all of the requirement areas have been met. An associate endorsement will be awarded if the applicant completed at least 3 of the 7 requirement areas.

PRELIMINARY QUESTION

Endorsement Level Applying For: Which endorsement level are you applying for?

- ☐ Associate Science Core
- ☐ Professional Science Core

ENDORSEMENT REQUIREMENT AREAS

Use the checkboxes below to indicate how each requirement area for the Secondary Science Core 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: [Science Core Endorsement Specs](#).

Science Core Requirement Areas

1. Earth Science Content Knowledge

- ☐ University Course in General Earth Science, Astronomy, Geology, or Meteorology

University: _____ Course code: _____

Course name: _____ Semester/Year: _____ Grade: _____

- ☐ Middle School Science PRAXIS Exam (5442) passed with a score of 152+
☐ Middle Grades General Science NES Test (205) passed with a score of 220+
☐ Earth and Space Science PRAXIS Exam (5572) passed with a score of 148+
☐ Earth and Space Science NES Test (322) passed with a score of 220+

2. Life Science Content Knowledge

- ☐ University Course in General Biology

University: _____ Course code: _____

Course name: _____ Semester/Year: _____ Grade: _____

- ☐ Middle School Science PRAXIS Exam (5442) passed with a score of 152+
☐ Middle Grades General Science NES Test (205) passed with a score of 220+
☐ Biology PRAXIS Exam (5236) passed with a score of 148 or higher
☐ Biology NES Test (316) passed with a score of 220 or higher

3. Chemistry Content Knowledge

- ☐ University Course in General Chemistry

University: _____ Course code: _____

Course name: _____ Semester/Year: _____ Grade: _____

- ☐ Middle School Science PRAXIS Exam (5442) passed with a score of 152+
☐ Middle Grades General Science NES Test (205) passed with a score of 220+
☐ Chemistry PRAXIS Exam (5246) passed with a score of 140 or higher
☐ Chemistry (321) NES Test with a score of 220 or higher

4. Physics Content Knowledge

- ☐ University Course in General Physics

University: _____ Course code: _____

Course name: _____ Semester/Year: _____ Grade: _____

- ☐ Middle School Science PRAXIS Exam (5442) passed with a score of 152+
- ☐ Middle Grades General Science NES Test (205) passed with a score of 220+
- ☐ Physics PRAXIS Exam (5266) passed with a score of 140 or higher
- ☐ Physics NES Test (323) passed with a score of 220 or higher

5. Three-Dimensional Science & Engineering Pedagogical Knowledge

- ☐ Professional Elementary Science Endorsement
- ☐ University Course in Three-Dimensional Science and Engineering Pedagogy

University: _____ Course code: _____

Course name: _____ Semester/Year: _____ Grade: _____

- ☐ Approved USBE or District Course

Course name: _____ Year: _____

(Must include USBE Altitude Transcript)

- ☐ LEA Certification of Competency (Must include completed [Demonstration of Three-Dimensional Science & Engineering Pedagogical Knowledge Rubric](#))

6. Science Education Teaching & Dispositions Knowledge

- ☐ University Course in Teaching Methods in Science

University: _____ Course code: _____

Course name: _____ Semester/Year: _____ Grade: _____

- ☐ Approved USBE or District Course

Course name: _____ Year: _____

(Must include USBE Altitude Transcript)

- ☐ LEA Certification of Competency (Must include completed [Demonstration of Science Education Teaching & Dispositions Knowledge Rubric](#))

7. Science Classroom Lab Safety Knowledge

- ☐ University Course in Classroom Lab Safety

University: _____ Course code: _____

Course name: _____ Semester/Year: _____ Grade: _____

- ☐ [Flinn Scientific's Laboratory Safety Course for Teachers](#)

(Must include Certificate of Completion)

- ☐ Approved USBE or District Laboratory Safety Course

Course name: _____ Year: _____

(Must include USBE Altitude Transcript)

APPLICATION SUBMISSION INSTRUCTIONS

Please submit this application online in the Utah Educator Licensing Application system, [Survey Monkey \(SM\) Apply](#).

Any university coursework and/or degrees must be documented via an official transcript. Electronic transcripts can be sent from the College/University clearinghouse to the USBE Licensing Department at transcripts@schools.utah.gov. To check the transcripts USBE has on file for you, email licensing@schools.utah.gov. Visit [USBE's Transcripts Webpage](#) for more information.

Any additional documentation demonstrating completion (e.g. Altitude Transcripts, Pedagogy Rubrics, Content Knowledge Test Scores, etc) needs to be uploaded in SM Apply.