

# Research Methods - Certificate of Advanced Study

## DEPARTMENT

MA in Education - Curriculum & Instruction Option, M.A.  
MA in Education - Teaching, M.A.T.  
CERT in Educational Technology - Advanced Certificate  
CERT in Research Methods - Certificate of Advanced Study  
CRED in Elementary School Teaching Credential (Multiple Subject Credential Program)  
CRED in Multiple Subject - Preliminary BAP Emphasis: Hmong, Credential  
CRED in Multiple Subject - Preliminary ECE BAP Emphasis: Hmong, Credential  
CRED in Multiple Subject - Preliminary BAP Emphasis: Spanish, Credential  
CRED in Multiple Subject - Preliminary ECE BAP Emphasis: Spanish

## REQUIREMENTS

Department

### Certificate of Advanced Study - Research Methods

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The Certificate of Advanced Study in Educational Technology is a postbaccalaureate program designed to empower professionals in all areas of education and other disciplines to learn about advanced methodologies in quantitative, qualitative, and mixed methods research and to develop the skills to make ethical, sound, and supportable decisions to advance the education of all persons.

Students completing this program will be able to do the following:

- Understand the theories underpinning quantitative research, statistical methodologies, qualitative research, and mixed methods research.
- Understand the ethics of research; describe the principals of protecting human subjects; respect individuals of diverse ethnicities, races, religions, and genders; and utilize accepted and ethical procedures for conducting research.
- Develop exemplary skills in designing research studies, measuring constructs, and collecting information.
- Demonstrate exemplary skills in analyzing data, interpreting results accurately, and making sound decisions based on those results.
- Demonstrate skills as informed consumers, qualified producers of research, and leaders in disseminating research results.

Up to 6 units of coursework taken while working on this certificate may be counted as units toward a master's degree in the KSOEHD.

**Admission Requirements.** See the admission requirements listed in the Graduate Education Program section of this catalog.

**Program Requirements.** Under the direction of the program adviser, each student takes the following courses.

### Course Requirements

ERE 153, 220, 260, 287, 288, 289

**Total (15 units)**

## FACULTY

For faculty phone numbers and e-mail, see the campus directory.

For more on the faculty, see the faculty pages.

The faculty pages are updated by the department or program.