Certification Requirements: Secondary Chemistry (031)

1) A bachelor's degree from a regionally accredited institution.

2) A minimum of 39 semester hours of college credit in general education including:
- A three-credit survey course in United States history

AND
- Coursework in at least five of the following six areas
  - natural science (biology, chemistry, earth science, physics)
  - English
  - social studies (psychology, sociology, economics, political science, anthropology)
  - fine arts (visual art, music)
  - mathematics
  - foreign language

3) A subject area major in chemistry
OR
30 credits in chemistry and nine credits in coursework related to chemistry

4) A minimum of 18 semester hours of college credit in professional education in a planned program of study, including:
- foundations of education (e.g., philosophy of education, school effectiveness, history of education and comparative education)
- educational psychology (e.g., growth and development children from birth through the life span, psychology of learning, child-adolescent psychology)
- curriculum and methods of teaching (e.g., subject area curriculum and methodology and effective teaching skills)
- student teaching (minimum of six credits)
- an approved three-credit course of study in special education including gifted and talented.

5) A passing score on the Praxis Chemistry test.