

Certification Requirements: Secondary Biology (030)

- 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 historyAND
 - 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 biology
OR
30 credits in biology and nine credits in coursework related to biology
- 4) A minimum of 18 semester hours of college credit 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 Biology test.