

SCIENCE FOR TEACHERS - MINOR

What you will study

In this minor, you use inquiry skills, active learning strategies, and reflective logs to develop the kind of teaching skills that nurture the natural curiosity of children. The study of mathematics is integrated to emphasize measurement and other quantitative and analytic skills. Computer programs assist in data gathering, data analysis, and graphic display.

With this minor, and a major in K4-9th grade education, you can work as a science education resource person for other science teachers at the elementary or middle school level. You might also serve as a leader in developing and selecting curricular materials and related assessments that are standards-based. You will be more aware of the importance of science as one of the "ways of knowing."

The program includes coursework in biology, chemistry, physics, and earth science.

Requirements

Code	Title	Credits
Program requirements		
SC-120 & 120L	Foundations of Biology and Foundations of Biology Lab	4
CH-213 & 213L	Chemistry of Bioorganic Molecules and Chemistry of Bioorganic Molecules Lab	4
GE-220	Earth Science	4
BI-221 & 221L	Biology of Plants and Biology of Plants Lab	4
or BI-222 & 222L	Biology of Animals and Biology of Animals Lab	
or BI-223		
PH-231 & 231L	Algebra-Based Physics I and Physics Lab	4
Take one additional BI or CH course at the 200/300 level		3-4