

SCIENCE EDUCATION (SCIE)

300. Teaching Methods for Science Teachers. Credit 4 hours. Prerequisites: GBIO 151, 152, BIOL 153, 154, CHEM 121, 122, CLAB 123, 124, PHYS 191, 192 and PLAB 193, 194 (or 24 hours of equivalent courses, with 8 hours each in biology, chemistry, and physics). Eight hours of lecture/laboratory per week including a total of forty hours of participation in secondary science classroom teaching or tutoring. This capstone course is designed for teacher candidates who will be teaching science, particularly at the secondary level. Pedagogy content centers on effectively developing, delivering, and assessing science knowledge in a secondary school classroom based on national and state teaching standards. The science content is designed to reflect current issues and research in science.